General catalogue

2021

INTERNATIONAL

niko

In this **general catalogue** you find an **overview of our product range**.
In the back you find a handy **index** that helps you to find the products easily when you know their reference number.
At the end of this catalogue you find an overview of our **finishings**.

Wiring diagrams, as well as additional **technical information** can be found in the additional **technical pages of each chapter**.

The information in this catalogue can be subject to change. The most recent information, including certifications, can be found at any time at **www.niko.eu**.

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Niko

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Niko, comfort and quality in every home and work environment

In a world where everything is speeding up, your clients increasingly require a higher comfort level. Both in their work and living environment. With Niko, you can integrate limitless comfort into any living space.

After all, Niko designs and produces progressive solutions for electrical switching material, lighting control, home automation and access control. Both private and professional customers worldwide choose Niko's quality solutions because of their ease of installation, ease of use and design.

At the start of this catalogue, we offer you an **overview of our new products**. We're not only refreshing our products, we're also refreshing their technology. Our emphasis? It's on easy installation and programming. And naturally on quality and design. In the catalogue, you can recognize the new products by their label NEW. Register at **www.niko.eu** for our newsletter to stay up-to-date about our newest products.

In the product seccatalogue you find an **overview of our broad range of products**. Additional **technical information and wiring diagrams** are at the end of each chapter.

You don't find here what you are looking for? The most recent information can be found at any time at **www.niko.eu**.

We offer you 4 years warranty, while only 2 years are required by European law. The warranty period for all our products is 4 years from the delivery date. The invoice date is the delivery date. If ever the Niko hardware does not work - even though we have stringent quality controls – our customer service department is ready to help you at + 32 3 778 90 80 or via **support.be@niko.eu**.

New in Niko Home Control for traditional wiring

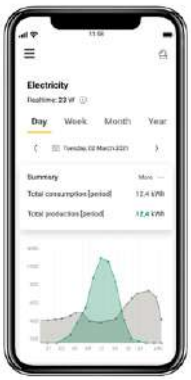
In 2019, Niko has extended the Niko Home Control portfolio with a range of products that you can use to install Niko Home Control in any home. Even in homes with traditional wiring. This makes Niko Home Control suitable for any customer, whether they choose the flexibility of bus wiring or a renovation where the wiring needs to be left untouched. With Niko, you can offer a smart solution to suit every project and every budget.

You can easily program Niko Home Control for traditional wiring with the trusted and user-friendly programming software. Control your installation with the **existing and intuitive Niko Home app**.

What about our devices such as the touchscreen and the external video unit that you connect via Ethernet? These can be connected without any problems. In addition, for traditional wiring, Niko Home Control is **compatible with wireless systems from our partner brands**.

Wireless smart hub

With the wireless smart hub, you can synchronise all the controls in the home. Connected single and double switches, connected dimmers, Digital black, etc. Using the programming software, you can configure these easily. You connect the wireless smart hub to the home network using a network cable or the wifi network. Since July 2020, Niko has been adding an RJ12 cable to every wireless smart hub.



Get the most out of solar panels

More and more countries and regions are introducing a **smart meter** to measure electricity, gas and water. With the new digital energy meter, it is highly beneficial to align the home's energy consumption to that of its solar panel's production. Niko Home Control helps to do exactly that.

Ideal for solar panel owners

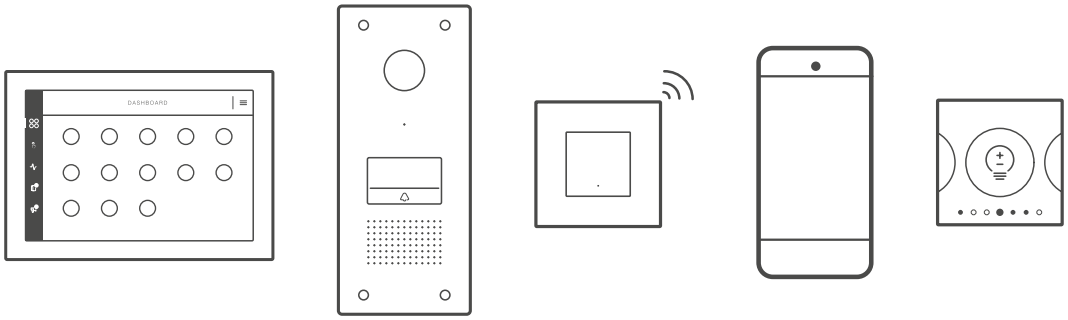
Niko has a solution that helps use solar energy as efficiently as possible. By aligning the home's energy consumption and its solar production to each other, and by allowing the home owner to program his energy use and sending him alerts when something is out of the ordinary, he can significantly improve the self-consumption.

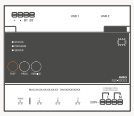
Niko Home Control for bus wiring

Complete flexibility, endless possibilities

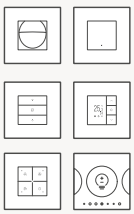
Niko Home Control for traditional wiring

Low barrier, standard functions work without programming





The connected controller
One main brain

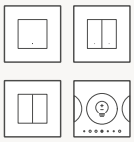


Flexibility of operation
User-friendly design, fewer controls needed

Heating – ventilation
Control of heating and ventilation

Digital / Analogue IN
Smoke detectors, CO_2 detection, water leaks, external alarm

The wireless smart hub for Niko Home Control
Connect the controls and sensors with the internet



Connected controls
Basic controls: switches, socket outlets, dimmers, roll-down shutter control, motion detectors

works with the Google Assistant · JUST ASK alexa · Works with IFTTT

compatible with our partners

SONOS · BOSE · VELUX · REYNAERS · DUCO · RENSON · SMA · Vaillant · Bulex · Saunier Duval · NIBE · MITSUBISHI ELECTRIC · DAIKIN · Aldes · protherm

compatible with our partners

SONOS · BOSE · DUCO · RENSON · SMA · Vaillant · Bulex · Saunier Duval · NIBE · MITSUBISHI ELECTRIC · DAIKIN · Aldes · Danfoss · protherm

Offer may vary by location. Please check with your local reseller for a complete list of compatible partner systems.

Niko offers a solution to use the home's own solar energy as efficiently as possible:

- align the energy consumption to the solar panel's production
- get insights in gas and electricity consumption and production
- get alerts when something is out of the ordinary

Get your energy flow under control

A number of home appliances use a great deal of energy: the boiler, the washing machine, the dryer, the dishwasher, even the heating, ventilation or air conditioning systems. It's why you'll want to use energy when it's available – and free!

Now you program these appliances to mainly work when the sun is shining. The advantage? The most sustainable and cheapest energy is the energy you are producing yourself with your own solar panels.

You stay in control

Your Niko Home Control system informs you when your solar panel produce energy - and reacts exactly the way you have programmed it to. Is you client not happy with the current routines? They can change them themselves, without your help. Is there no sunshine expected all week? Your client decides how his system should handle this: either postpone the action or use the provider's electricity.

Connecting Niko Home Control to the smart meter

To make sure the connection between the smart meter and the Niko Home Control traditional wiring system is easy, Niko adds to every wireless smart hub an RJ12 cable. This cable will be a part of every wireless smart hub product starting July 2020. At this moment Niko Home Control will be compatible with the digital meter in the Netherlands and Belgium.

Digital black, connected customisable control screen, 230 V

Do you want to see which functions or moods you can control with which switches? Would you like an additional control screen? Are you renovating a room and looking to add, group or replace controls?

The solution for this is the Digital black, an intuitive control screen the same size as a switch. In combination with the wireless smart hub (ref. 552-00001), you can control up to 12 different functions or devices in the Niko Home Control installation: lights on/off, dimming, motor control, ventilation control, music, moods, etc.Do you have a connection to a smart heating installation from one of our partner brands? Then you can easily set the temperature using the Digital black. The Digital black is pure Niko design and integrates seamlessly into every home.

- With one press on the control screen, the user can switch the functions on and off.
- In the accompanying Niko Home app, they can change, add and organise functions, and choose how to navigate through them.
- Users configure the screen themselves and don't need an installer to modify the basic configuration.
- They can add new functions without having to change the wiring or the device. For example, users can choose which controls they want and where, even after the construction work is done and the electrical installation has been fitted.

In the Digital black for traditional wiring, there is a relay. This means that in a three-wire installation, you replace a single switch. In an electrical circuit with multiple control points, it is sufficient to replace all intermediate and two-way switches with N.O. push buttons (ref. 170-000xx). Nothing else needs to be changed with the wiring. The user can **manually control the screen immediately after the installation, without additional configuration**.

Connected single or double switch

The connected single or double switches **can replace any switch in a 3-wire installation**. You can control them from several locations using push button extensions (ref. 170-000xx).

You can **manually control the switch immediately after the installation without additional configuration**. With the double switch, you can control two different light circuits. It has extensions for both circuits. Would you like to control functions such as moods and all-off? Then you only need to add a wireless smart hub (ref. 552-00001) to the installation.

Connected dimmer

The connected dimmer can replace any 2 or 3-wire switch. Using extensions for push buttons (ref. 170-000xx), you can control it from several locations. After installation, the user can **immediately control it manually**: just select the dimming profile and the minimum dimming level and they're ready to go! With the connected dimmer, you can not only dim lamps, but also switch them on and off. Would you like to control functions such as moods with the dimmer? That's possible, with a wireless smart hub (ref. 552-00001) which you add to the installation.

Connected motor control

The connected motor control directly controls 230 V motors (roll-down shutters, garage doors, sun blinds, etc.). In combination with the wireless smart hub, you immediately have the possibility to integrate functions such as moods.

Connected switching socket outlet

The connected socket outlet can be used in combination with the wireless smart hub (ref. 552-00001) and the Niko Home Control programming software. **Switch the socket outlet on and off with a smartphone** via the Niko Home app. In the app, you can also see the current and recent energy consumption of the devices that are powered by this connected switching socket outlet. Would you like more comfort and safety? In that case, you can connect the socket outlet to, for example, the all-off button, moods and calendar schedules, consumption notifications on the smartphone, etc.

The connected socket outlet contains a built-in switch. This means you can **manually control the socket outlet immediately after the installation, without additional configuration**.

Smart plug, Zigbee®

The smart plug can be used in combination with the wireless smart hub (ref. 552-00001) and the Niko Home Control programming software and Niko Home app. **Switch the smart plug on and off with a smartphone via the Niko Home app**. In the app, you can also see the current and recent energy consumption of the devices that are powered by this smart plug. Would you like more comfort and safety? In that case, you can connect the smart plug to, for example, the all-off button, moods and calendar schedules, consumption notifications on the smartphone, etc.

Wireless motion detector

The wireless motion detector controls one or more contacts or connected devices (switches, dimmers, etc.). Place it anywhere you like. It is powered by batteries and you use it in combination with the wireless smart hub (ref. 552-00001).

New in Niko Home Control for bus wiring

Digital black, connected customisable control screen, 24 V

Do you want to see which functions or moods you can control with which switches? Would you like an additional control screen? Then the Digital black is the solution. The Digital black is an intuitive control screen the size of a switch, which you can use to control up to 12 connected functions or devices in a Niko Home Control installation: lights on/off, dimming, motor control, ventilation control, music, moods, etc. As this Digital black 24 V variant is equipped with a temperature sensor and algorithm, it can be programmed as a zone-thermostat when linked to a Niko Home Control heating/cooling module (ref. 550-00150) or switching module (ref. 550-00103 or 550-00106) programmed for electrical heating. When the Digital black is used as a thermostat, you define the set points and week programs in the Niko Home app.

The switch is pure Niko design and integrates seamlessly into every home. Thanks to the proximity sensor, the screen automatically lights up when your hand gets close to the intuitive control screen. That way, control is even faster.
With one press on the control screen, the user can switch the functions or moods on and off.

Does the user want to modify the functions, rearrange the controls or even choose a different way of navigating? Then they can easily personalise the Digital black themselves with their smartphone via the Niko Home app, without having to modify the basic configuration and without having to call on your help.

They can add new functions without having to change the wiring or the device. For example, users can choose which controls they want and where, even after the construction work is done and the electrical installation has been fitted.

DASHBOARD

USB RF interface

The USB RF interface makes it possible to use Niko wireless Easywave controls (with the exception of the remote control ref. 05-312) in the Niko Home Control installation for bus wiring. This allows wireless controls to be installed:

- on surfaces unsuited to wiring (e.g. glass or concrete partitions)
- for the renovation of heritage-listed buildings
- for expansions of existing installations where drilling or channelling work is not permitted
- in office areas with movable partition walls
- when complex wiring is to be avoided.

The interface is shaped like a USB stick and can be connected to the extension cable (3 m) provided, with the connected controller in the electrical cabinet. The end of the extension cable is fitted with an assembly ring allowing the antennae to be attached to the outside of the electrical cabinet for optimal reception.

DALI-2 modules for Niko Home Control

DALI-2 addressable module, 2 channels

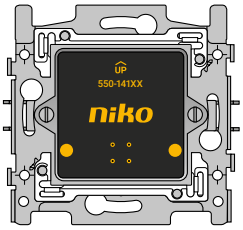
The DALI-2 fully addressable 2-channel interface module allows up to 128 DALI endpoints to be connected to a Niko Home Control installation. Addressing and programming of the DALI devices is done from within the Niko Home Control programming software, and no prior DALI knowledge is required. Each of the DALI endpoints can be configured and controlled separately, without the need to use any other DALI software or interface. The module comes with a built-in power supply, so there is no need to use a dedicated DALI power supply for the DALI bus.

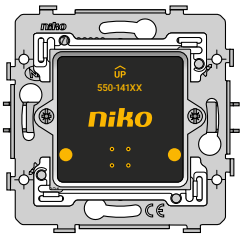
- Sliding contact to connect the module to the following module on the DIN rail
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Wire capacity: 3 x 1.5 mm^2 or 2 x 2.5 mm^2 or 1 x 4 mm^2 per connection terminal
- Maximum standby consumption: 1,9 W
- DIN dimensions: DIN 4TE
- Dimensions (HxWxD): 90 x 70 x 67 mm

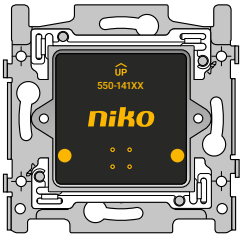
DALI-2 broadcast module, 2 channels

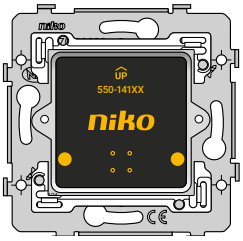
The DALI-2 2-channel broadcast interface module drives two DALI bus channels concurrently. The two channels are exposed as dimmable light sources in Niko Home Control without the need for any additional configuration or use of DALI programming software. All DALI endpoints will simultaneously react to a Niko Home Control control, meaning that up to 64 endpoints per channel will act as a single dimmable light circuit. The module comes with a built-in power supply, so there is no need to use a dedicated DALI power supply for the DALI bus.

- Sliding contact to connect the module to the following module on the DIN rail
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Wire capacity: 3 x 1.5 mm^2 or 2 x 2.5 mm^2 or 1 x 4 mm^2 per connection terminal
- Maximum standby consumption: 1,9 W
- DIN dimensions: DIN 4TE
- Dimensions (HxWxD): 90 x 70 x 67 mm









Wall-mounted printed circuit boards for Niko Home Control

Simple wall-mounted printed circuit boards with base

The wall-mounted printed circuit board for Niko Home Control forms the connection between the control and the installation and is mounted on an existing flush-mounting box or on an uneven wall. Several wall-mounted printed circuit boards can be clicked together using their metal bridge and/or can be combined with any other Niko flush-mounting mechanism.

These products replace the simple wall-mounted printed circuit board with base for Niko Home Control circuit board (ref. 550-14115) that was only available with base, 60 x 71 mm, claw fixing. The product design was updated, but no technical changes have been made.

New in switching material and socket outlets

Connected switching socket outlet

You install the connected socket outlet in the same way as a traditional socket outlet. You can switch it on and off with a button. A light shows you if the socket outlet is on or off, and if it is receiving too much current (more than 16 A for longer than 7 seconds).

Double smart USB-A and USB-C charger

With its charging capacity of 3.5 A, the smart USB charger is the **most powerful USB charger for flush-mounting** on the market. There is a variant with a type A and type C connection. This means you can charge **any mobile device** without an adaptor. Even with **2 at the same time**.

- Smart USB charger with type A and type C connection (ref. 420-00512).
- Finishing set for smart USB charger with type A and type C connection (ref. XXX-68002), in all Niko colours.

Double socket outlet

Double socket outlet with side earthing and shutters, vertical
The double socket outlet has always been a great solution to add two socket outlet to your installation when you have only one flush-mounting box available and drilling and channelling is out of the question. The new, upgraded design makes it now even more attractive to install this practical double socket outlet.

The package of this socket outlet includes the mechanism, an integrated central plate and the faceplate. Available in white (ref. 101-67865) and cream (ref. 100-67865).

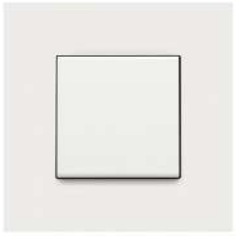
Niko Intense matt black & Niko Pure liquid black

Black. A timeless and elegant trend. Discover our two new finishes **Niko Intense matt black** (ref. 130-xxxxx) and **Niko Pure liquid black** (ref. 242-xxxxx). Add these new finishes to your demo suitcase and inspire your customers with a design perfectly suited to their interior.

A matt black switch which is affordable without sacrificing style?
Niko Intense matt black (ref. 130-xxxxx) has a finish as dark as the night and is also the darkest shade within the product range. This design is characterised by a deep black colour and a stylish matt texture. Elegant and timeless, but chiefly versatile.
For the switch button or the interior workings of the socket outlet, Niko design recommends a finishing set in the colour **black coated** (ref. 161-xxxxx).

A contemporary switch for an innovatively designed home?
It's difficult not to get lost in the hypnotic **Niko Pure liquid black** finish (ref. 242-xxxxx). The endless deep black lustre of this contemporary switch with a cool look is at its best in a sleek home full of technological gadgets. For the switch button or the interior workings of the socket outlet, Niko design recommends a finishing set in the colour **Bakelite®-look piano black coated** (ref. 200-xxxxx).

Name change of steel faceplates



To ensure consistency in the naming of our finishings, these finishings will receive a new name:

- Niko Pure white steel (ref. 154-76xxx) becomes **Niko Pure steel white**
- Niko Pure champagne steel (ref. 157-76xxx) becomes **Niko Pure steel champagne**
- Niko Pure black steel (ref. 161-76xxx) becomes **Niko Pure steel black**

In the finishing sets, one change is done for length reasons:

- Bakelite®-look piano black coated (ref. 200-xxxxx) becomes **piano black coated**

New in Niko Hydro

Splashproof key switches 10 A and 16 A

Does the user wish to control his **garage door**, **access doors**, **roll-down shutters**, **fences**, **screens or a socket outlet outdoors?** This is now possible thanks to the splashproof key switch 10 A or 16 A. With a simple twist, you turn the power supply on and off. Like all products in the Niko hydro range, the key switch is available in **grey, black and white**.

The splashproof key switches 10A and 16 A are available with screw terminals, in grey, white and black.

Splashproof bike charging point 16 A

Electric bikes have been on the rise in recent years: more and more people use their bike to get to work. As such, Niko is launching the **Niko Hydro bike charging point** in 3 colours (grey, black and white). **Ideal for:**

- **Apartment buildings** where each flat has its own charging point, especially in combination with the splashproof key switch 16 A.
- **Office buildings** of companies who encourage their staff to come to work by electric bike.
- **Schools**, where we see more and more electric bikes and bike racks.
- **Public and commercial facilities** who want to offer their visitors or customers a charging point (stations, hotels, restaurants, supermarkets, etc.).

Thanks to the **green cover with a bicycle logo**, cyclists can quickly see where they can charge their bikes. The Niko hydro bicycle charging point is high quality and easy to install. It is compatible with every Niko hydro surface-mounting box and flush-mounting box, in any colour (**grey, black or white**).

Niko Hydro garden posts

Install up to 3 Niko hydro functions anywhere you want
Niko's vast portfolio of splashproof switches and socket outlets is now extended with grey, black and white garden posts.

The new garden posts allow you to install every Niko hydro function in the garden, even if you don't have a wall available. You attach the garden posts on soft surfaces (like grass or flower beds) with a pin in the ground. On hard surfaces (such as driveways or the patio) you attach the garden post using a base plate.

The Niko hydro garden posts allow you to install up to three Niko hydro functions anywhere you want. They are available in every Niko hydro colour: grey, black and white.

New in Niko detectors

Both individuals and companies want greater flexibility and comfort when it comes to the management of lighting and access control systems. This is only possible when you connect and monitor equipment, and then control it using an automation system that speaks a common language.

Based on interviews and market input, Niko has completely redesigned its entire KNX detector range to make life easier for everyone involved. Just four SKUs will now be able to meet all the requirements of the market, meaning it'll be easier to choose the motion and presence detector you want.

All new range of KNX detectors from Niko

Niko's brand new range of KNX ceiling detectors combine all the features you could ever want in a detector, and none you don't. In total, there are 4 SKUs available, but 2 of these will cover nearly all your requirements when it comes to presence and motion detection.

- Mini presence detector P34MR, KNX, 8-10 m, 360°, for flush mounting (ref. 350-34001)
- Presence detector P34MR, KNX, 9-10 m, 360°, for flush mounting and flush-mounting box (ref. 350-34002)
- Motion detector M34LR, KNX, 39-41 m, 360°, for flush-mounting box in white (ref. 350-34003) and black (ref. 350-34013)
- Motion detector M34HC, KNX, high ceiling, 15-29 m, 360°, for flush-mounting box in white (ref. 350-34004) and black (ref. 350-34014)

Visibly striking & virtually invisible

Niko's new detectors are both beautiful and beautifully designed. The range includes a discreet flat lens version, and the new mini detector is small enough to be integrated in thin ceiling finishing profiles, making them the perfect solution for offices. But don't let their diminutive size fool you… these new KNX detectors pack a punch when it comes to performance.

High-level delivery

In some cases however, we know you'll need detectors that deliver performance at even higher ceiling heights … it's why Niko's new range includes 2 high-performance motion detectors for particularly large spaces: up to 40 m detection range and heights up to 10 metres.

Interchangeable deco rings in black or white

All SKUs come with interchangeable deco rings in either black or white, meaning it's easy to swap them if a customer changes their mind. Naturally too, all are finished to Niko's high-quality standards.

The best technology solution

Niko's new KNX detectors are precisely engineered to do the job of sensing motion and presence. This means they are not over engineered to be everything for everyone, as they don't detect temperature change and Volatile Organic Compounds (VOC sensing).

Niko firmly believes that multi-sensing is an emerging technology and needs to mature before a product can really deliver customers' needs for multi-sensing. In our opinion, it doesn't make sense to integrate temperature and VOC sensing in ceiling detectors, as these are already controlled by HVAC and heating systems, and ceilings are not necessarily the best place to monitor temperature, odours or pollutants.

Excellent value for money

Our new detectors offer excellent value for money. Following an in-depth analysis of the market, each new detector has been engineered to deliver top quality performance and yet retail at a highly competitive price.

5 available channels

All of Niko's KNX detectors offer 5 channels, so you don't have to worry about which detector to choose, and you won't have to replace them if your project manager decides on another application beyond presence and lighting control.

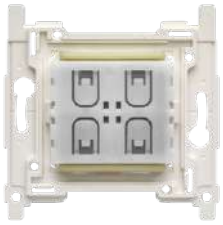
IEC quality in measuring detector performance

Niko is one of the first manufacturers to measure its detectors' performance according to EN/IEC63180:2020 standards. This test procedure promises to become the standard for the industry. A robot is used to emulate a human body to maximize accuracy of the measurements. The norm also specifies how to present the detection range so that it can be recognized, trusted and used for comparison to other IEC 63180 compliant products.

Japan Style

New in lighting and lighting control

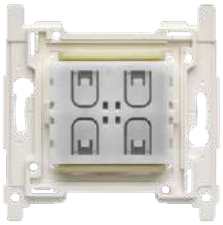
Wireless controls for Bluetooth®, EnOcean® or KNX® based lighting solutions



Niko dimmer switch, Bluetooth®

With this wireless and battery-free dimmer switch in Niko design (ref. 360-21001), you can remotely operate Bluetooth® low energy 2,4 GHz wireless receivers that are located in the same room. Examples are smart luminaires with integrated Bluetooth® technology, such as **Casambi®** enabled systems or **Xicato®** lighting solutions. No wall breaking or cable installation is needed.

Configure the dimmer switch buttons with the respective smart luminaire app or PC software (e.g. Casambi®, Xicato®, Sylsmart®). Up to four buttons can be configured.



Niko dimmer switch, EnOcean®

With this wireless and battery-free dimmer switch in Niko design (ref. 360-11001), you can remotely operate EnOcean® certified 868 MHz wireless receivers. Examples are **Niko DALI presence detectors** with an EnOcean® interface (ref. 350-41680, ref. 350-41780, ref. 350-41781) or **more than 5,000 products of the EnOcean® ecosystem**. No wall breaking or cable installation is needed.

Pairing with one or more EnOcean® receivers can be done via a special button combination on the dimmer switch, via the NFC interface or a QR code scan. The pairing procedure with a wireless receiver determines the function of each button. Up to four buttons can be configured. The onboarding process with the above mentioned Niko DALI detectors is done with the Niko detector tool app and the universal remote control for smartphone (ref. 350-41936).

Niko dimmer switch, KNX®

This wireless and battery-free dimmer switch in Niko design (ref. 360-31001) can operate as a switch, a dimmer, a roller shutter control or a scene selector in a **KNX® system**. The Niko dimmer switch sends wireless telegrams into the air. These are captured by the KNX® wireless media coupler (ref. 360-33001) and converted to the KNX® bus. This allows you to easily extend your KNX® system without breaking walls or installing extra cables.

Configure the dimmer switch buttons with the ETS 5 software together with the **KNX® programming adapter** (ref. 360-39001). The following communication objects can be linked to the buttons: single channel, dimming and shutter control. The supported actions are: on, off, toggle, up, down, darker, brighter, scene number, send value in percentage, in angle, in 2 bits, in 8 bits. Up to six button combinations can be configured.

These dimmer switches can be mounted into a European flush-mounting box, screwed onto a wall (screws not included) or glued to a flat surface with double-sided adhesive strips (included).

The finishing set (ref. xxx-00060) and the faceplate (ref. xxx-76xxx) are already available and must be ordered separately. These dimmer switches combine with any Niko Pure, Niko Intense and Niko Original faceplate in the colour of your choice.

Always the right lighting with dimmers from Niko

Rotary dimmer for LEDs 4 - 200 W, 2-wire

People are increasingly opting for energy-efficient lighting. Niko's universal dimmers with PLC interference suppression are an ideal solution to control every type of dimmable lighting, but sometimes a simpler solution can also do the job.

Niko's new entry-level 2-wire LED dimmer is ideal for renovations and young families choosing the more energy-efficient LED lighting. It can handle a load of 4 to 200 W. Now while it doesn't have PLC interference suppression or short circuit protection, the boost function can dim lighting that needs extra power to start. And did you know it has our brilliant nursery function? Give your rotary a little flick to the right and your lights will turn on to their minimum level. It means you don't have to worry that you'll wake up the baby when you check on them.

LED compensator for 2-wire dimmers

The lighting market is increasingly transitioning towards LED lighting. Electrical installers have two major challenges when installing electrical installations with LED lighting and 2-wire dimmers:

- ghosting: even when the 2-wire dimmer is turned off, the LED lights are lighting up or are showing an afterglow
- flickering / blinking: when the dimmer is set to a particular dimming position, the LED lights start blinking

Niko has developed the LED compensator (ref. 310-05000) in order to solve these issues for the installers. The LED compensator removes both ghosting and flickering / blinking effects in 2-wire LED dimming situations. On the rare occasions when the new LED compensator does not solve these symptoms, we recommend the Niko filter (ref. 09-016-10).

Please note: the LED compensator cannot solve PLC issues. See our frequently asked questions section on our website for more information: **www.niko.eu/faq**.

Atmosphere and comfort in total simplicity with control of LED strips

Wireless LED control for LED strips

You can connect several wireless wall controls to the **new wireless controller RF** (ref. 410-00121). It has 4 buttons and clear icons:

- Switch on/off
- Memory function of favorite scenes
- Dimming
- Start colour loop

With one wireless 4-channel constant voltage controller, you can control LED strips up to 100 W (24 V) per channel. And you can connect up to 10 controllers via a wired master-secondary configuration for synchronised control of a larger number of LED strips.

New terminology

New terminology for detectors, lighting control and access control

To ensure consistency of terminology, Niko will from now on use the terms “master” and “secondary” to refer to asymmetric communication between products. In this communication setup, one device, the “master”, controls one or more “secondary” devices and serves as their communication hub.

Mr. & Mrs. Niko
End call

New in access control

Two-wire external video unit

A standard doorbell can be replaced with the new digital external video unit, without major work, thanks to the connection possibilities to existing two-wire cabling. With the IP connection, you can install the system in no time at all. The camera has a high **resolution of 720p**. The **sleek and elegant design** of the metal construction fits in seamlessly with any home. The **user-friendly app** also allows you to keep control over your front door **outside the home**.

The advantages of two-wire access control:

- It can be **installed in every existing home** without major renovations, to replace a conventional doorbell.
- Up to 2 external video units and up to 5 internal video units can be connected to 1 controller.
- The compatible internal video unit offers a **razor-sharp digital image, without analogue interference or conversion.**
- With the corresponding controller, the system can easily be connected to the internet, and the video images are also available in real-time on a smartphone.
- The **user-friendly app** is available for iOS and Android.
- If the external unit is damaged or unplugged, the device starts recording images via the camera for **security purposes.**
- The **wiring of the door lock** can be connected to the **module in the cabinet** to prevent the door from being opened by external manipulation

Internal video unit

Slim internal video unit for surface-mounting, with colour screen and buttons

This slim, surface-mounting, internal video unit with colour screen is standardly equipped with the following functions: allow a conversation with a visitor, produce a different tone for a call at an apartment door, an internal call and main door calls from two different external video units, switch lights on and off, open doors, adjust the volume, switch off the ringtone, indicate a busy signal and call signal with LEDs, transmit a control function, allow a parallel call, make an internal call, etc. The controls consist of clear, intuitive touch buttons. The communication with the visitor is hands-free. The device can be entirely programmed using the Niko configuration software for access control.

Chapter 1

Finishings

Finishings of your choice

Niko Pure

Do you love an **ultra-sleek design** in timeless materials? Then you will love the refined look of Niko Pure. A series made from special and authentic materials, including bamboo, stainless steel, Bakelite® and aluminium. Your guarantee of an elegant and sustainable finish. Affordable top design.

alu grey
155-

alu steel grey
220-

alu black
158-

alu gold
221-

steel white
154-

steel black
161-

steel champagne
157-

stainless steel on white
250-

stainless steel on anthracite
150-

liquid snow white
241-

liquid black
242-

Bakelite® piano black
200-

natural soft grey
159-

natural red
152-

bamboo
156-

dark bamboo on anthracite
256-

dark bamboo on gold
257-

Bakelite® is a registered trademark of Hexion GmbH.

Niko Intense

Niko Intense, a series that you need to feel. Niko Intense is all about touch. The **sleek shape** and **soft lines** radiate intensity. With these switches, you are choosing a distinctly warm character.

white
120-

sterling
121-

bronze
123-

dark brown
124-

anthracite
122-

matt black
130-

Niko Original

Are you attracted to **soft lines** and **mild colours**? Then Niko Original is just what you are looking for. You are choosing a finish with a discreet presence.

white
101-

cream
100-

light grey
102-

greige
104-

Quick and easy assembly

Niko Original

Niko Intense

Niko Pure

Step 1: choose a mechanism

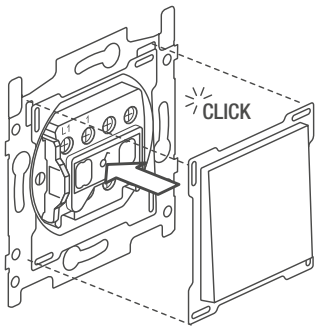
No matter which **function or control** you are looking for, you will find it at Niko.

- Niko's mechanisms are **ingeniously designed** to make them very easy to install.
- They are available in a **wide range** of product ranges: switches, socket outlets, USB chargers, dimmers, orientation lighting, flush-mounted detectors and various types of audio, video and internet connections.
- Each mechanism is **universal** and compatible with every Niko finishing set and every Niko faceplate. So it doesn't matter which style your client likes.

Did you know?

- Niko's flush-mounting mechanisms and finishing sets are also compatible with the **surface-mounting kit**. Ideal when you can't or don't want to break into the walls.
- The waterproof switches and socket outlets in the Niko Hydro range use the same mechanisms, without the metal frame. This way, we guarantee **one way of installing** for our entire portfolio, so you can spend your time focusing on the important things.

Step 2: add the finishing set

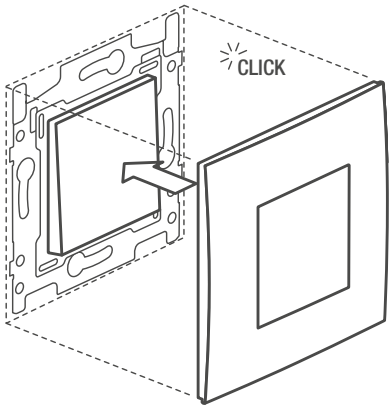


Finishing sets easily click onto the mechanism. Every finishing set is compatible with the faceplates from Step 3.

Almost every finishing set is available in these colours:

bright white*	111-xxxxx
white	101-xxxxx
white coated	154-xxxxx
cream	100-xxxxx
light grey	102-xxxxx
gold coated	221-xxxxx
champagne coated	157-xxxxx
bronze	123-xxxxx
greige	104-xxxxx
dark brown	124-xxxxx
sterling	121-xxxxx
steel grey coated	220-xxxxx
anthracite	122-xxxxx
black coated	161-xxxxx
piano black coated	200-xxxxx

Step 3: add the faceplate



Choose from **3 design ranges** to finish your function, based on its design, shape and the material it is made of: Niko Original, Niko Intense or Niko Pure.

- Every faceplate it **compatible** with the universal mechanism and the Niko finishing sets.
- Is the wall not quite smooth? No problem. Each faceplate is **height adjustable** in the four corners.
- A **complete overview** can be found in the table on the next page.
- Trouble finding the right combination? Niko makes a **combination suggestion** in the table on the next page.

* Only available in the Netherlands.

Faceplates								Finishing set	
		centre distance **71 mm** horizontal/vertical				centre distance **60 mm** vertical			
Niko Pure									
dimensions (cm)	8.3 x 8.3	8.3 x 15.4	8.3 x 22.5	8.3 x 29.6	8.3 x 36.7	14.3 x 8.3	20.3 x 8.3	colour	ref. code
alu grey	155-76100	155-76800	155-76700	155-76400	155-76005	155-76200	155-76300	anthracite	122-xxxxx
alu steel grey	220-76100	220-76800	220-76700	220-76400	220-76005	220-76200	220-76300	steel grey coated	220-xxxxx
alu black	158-76100	158-76800	158-76700	158-76400	158-76005	158-76200	158-76300	white coated	154-xxxxx
alu gold	221-76100	221-76800	221-76700	221-76400	221-76005	221-76200	221-76300	gold coated	221-xxxxx
steel white	154-76100	154-76800	154-76700	154-76400	154-76005	154-76200	154-76300	white coated	154-xxxxx
steel black	161-76100	161-76800	161-76700	161-76400	161-76005	161-76200	161-76300	black coated	161-xxxxx
steel champagne	157-76100	157-76800	157-76700	157-76400	157-76005	157-76200	157-76300	champagne coated	157-xxxxx
stainless steel on white	250-76100	250-76800	250-76700	250-76400	250-76005	250-76200	250-76300	white coated	154-xxxxx
stainless steel on anthracite	150-76100	150-76800	150-76700	150-76400	150-76005	150-76200	150-76300	anthracite	122-xxxxx
liquid snow white	241-76100	241-76800	241-76700	241-76400	241-76005	241-76200	241-76300	white	101-xxxxx
liquid black	242-76100	242-76800	242-76700	242-76400	242-76005	242-76200	242-76300	piano black coated	200-xxxxx
Bakelite® piano black	200-76100	200-76800	200-76700	200-76400	200-76005	200-76200	200-76300	piano black coated	200-xxxxx
natural soft grey	159-76100	159-76800	159-76700			159-76200	159-76300	anthracite	122-xxxxx
natural red	152-76100	152-76800	152-76700			152-76200	152-76300	anthracite	122-xxxxx
bamboo	156-76100	156-76800	156-76700	156-76400	156-76005	156-76200	156-76300	anthracite	122-xxxxx
dark bamboo on anthracite	256-76100	256-76800	256-76700	256-76400	256-76005	256-76200	256-76300	anthracite	122-xxxxx
dark bamboo on gold	257-76100	257-76800	257-76700	257-76400	257-76005	257-76200	257-76300	gold coated	221-xxxxx
Niko Intense									
dimensions (cm)	8.5 x 8.5	8.5 x 15.6	8.5 x 22.7	8.5 x 29.8	8.5 x 36.7	14.5 x 8.5	20.5 x 8.5	colour	ref. code
white	120-76100	120-76800	120-76700	120-76400	120-76005	120-76200	120-76300	white	101-xxxxx
sterling	121-76100	121-76800	121-76700	121-76400	121-76005	121-76200	121-76300	sterling	121-xxxxx
bronze	123-76100	123-76800	123-76700	123-76400	123-76005	123-76200	123-76300	bronze	123-xxxxx
dark brown	124-76100	124-76800	124-76700	124-76400	124-76005	124-76200	124-76300	dark brown	124-xxxxx
anthracite	122-76100	122-76800	122-76700	122-76400	122-76005	122-76200	122-76300	anthracite	122-xxxxx
matt black	130-76100	130-76800	130-76700	130-76400	130-76005	130-76200	130-76300	black coated	161-xxxxx
Niko Original									
dimensions (cm)	8.3 x 8.3	8.3 x 15.4	8.3 x 22.5	8.3 x 29.6	8.3 x 36.7	14.3 x 8.3	20.3 x 8.3	colour	ref. code
cream	100-76100	100-76800	100-76700	100-76400	100-76005	100-76200	100-76300	cream	100-xxxxx
white	101-76100	101-76800	101-76700	101-76400	101-76005	101-76200	101-76300	white	101-xxxxx
light grey	102-76100	102-76800	102-76700	102-76400	102-76005	102-76200	102-76300	light grey	102-xxxxx
greige	104-76100	104-76800	104-76700	104-76400	104-76005	104-76200	104-76300	greige	104-xxxxx

Bakelite® is a registered trademark of Hexion GmbH

Smart identification

Faceplates with safety identification that cannot be lost

Faceplates with text field for easy labeling and identification.
Ideal for application in health care, retailing, office buildings, hospitals etc.

	ref. code	description	centre distance	dimensions	surface-mounting height
	120-76101	single faceplate	-	8.5 x 8.5 cm	0.85 cm
	120-76801	double faceplate vertical	71 mm	15.6 x 8.5 cm	0.85 cm
	120-76802	double fwaceplate horizontal	71 mm	8.5 x 15.6 cm	0.85 cm
	120-76701	3-fold faceplate vertical	71 mm	22.7 x 8.5 cm	0.85 cm
	120-76702	3-fold faceplate horizontal	71 mm	8.5 x 22.7 cm	0.85 cm
	120-76401	4-fold faceplate vertical	71 mm	29.8 x 8.5 cm	0.85 cm
	120-76402	4-fold faceplate horizontal	71 mm	8.5 x 29.8 cm	0.85 cm
	170-00090	label holder (to be ordered separately)			
	170-00091	label paper (to be ordered separately)			

Chapter 2
Niko Home Control

2.A Controls for bus wiring

2.B Modules in the cabinet for bus wiring

2.C Software and apps for bus wiring

2.D Controls for traditional wiring

2.E Software and apps for traditional wiring

Your home works better with Niko Home Control

Niko Home Control is the standard in home automation. Your client can control their home centrally, monitor their energy consumption and can then make the necessary adjustments. At the same time, the client will live in a safer and more comfortable way. Installing and controlling Niko Home Control was never this simple. As an installer you only need 1 programming software. And your client only needs 1 controlling app on their smartphone. No matter if you choose bus wiring or traditional wiring, you will always use the same tools.

ADVANTAGES

Niko Home Control for bus wiring

- 2-wire, non-polarised cabling to all controls
- free topology with standard available cables
- orderly build up and limited use of space in the electrical cabinet
- minimum cabling in the cabinet. You interconnect the modules with a unique slide switch
- each functionality has its own module
- the system itself uses a minimum amount of energy
- connection of touchscreen and video door station with 1 cable
- wall-mounted printed circuit board concept: 1 flush-mounting box, even for multiple controls

Niko Home Control for traditional wiring

- products for traditional wiring suitable for existing homes and renovation
- you configure wireless switches and connected socket outlets according to your client's wishes
- easy to install as a replacement of a classic switch or socket outlet
- no extra space needed in the electrical cabinet
- no programming needed for standard functions. You can switch on the lights immediately after installation
- additional programming in combination with the wireless smart hub allows advanced configurations
- connecting a touchscreen and video door station is possible

Lights window
9:41 AM
Next
Digital blacks kitchen
Select the content that you want to show on the Digital black
Kitchen
Light kitchen
Cooker hood ventilation kitchen
Sonos kitchen
Living room
Dimmabl lamp dining table
e lamp outdoor
Shutter living

Controls for bus wiring

Installing controls? This is child's play with the non-polarised bus. You only need a single flush-mounting box, into which you can easily install multiple controls thanks to the unique wall-mounted printed circuit board concept.

ADVANTAGES

- generic controls with or without feedback LED
- specific controls for dimmers, roll-down shutters, ventilation and audio
- a 'leave home' button with recognisable icon. With one push on the button you switch of everything and activate the presence simulation routine
- display controls for central functions:
  - monitor your energy consumption with the eco display
  - select the right routine with the mood display
  - set the temperature with the thermostat
- use the push-button interface to turn every switch into a Niko Home Control control
- central control using a well-organised touchscreen
- a stylish external video unit shows you who it at your front door
- a motion detector suitable for every situation, inside and outside

PRODUCT IN THE SPOTLIGHT

Digital black

- combine 12 controls into a compact and intuitive control screen with a user-friendly interface
- the screen is the same size as a Niko flush surround plate and its design makes for the perfect fit
- your customer decides for themselves which actions they want to control and how they organise them
- an approach sensor makes Digital black wake up quickly, so your customer can take an action in a single motion

NEW

Digital black, connected customisable control screen for Niko Home Control, 24 V

Digital black is a completely customisable control screen for Niko Home Control with an extremely user-friendly interface featuring clear symbols. The screen is automatically activated when your hand comes near. That way, you can switch or dim your lights, set moods, set ventilation modes, adjust blinds and sunblinds to the desired position, in one operation. In short, all possible Niko Home Control control types are available.

As this Digital black 24 V variant is equipped with a temperature sensor and algorithm, it can be programmed as a zone-thermostat when linked to a Niko Home Control heating cooling module (ref. 550-00150) or switching module (ref. 550-00103 or 550-00106) programmed for electrical heating. Do you have extra thermostats (550-1305x) or an active connection with one of our heating partners? Then you can easily set the temperature with the Digital black. When the Digital black is used as a thermostat, you define the set points and week programs in the Niko Home app.

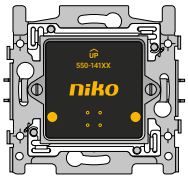
With the Niko Home app not only can you choose which controls are displayed or where they are displayed on the screen, but also the way you navigate through your control screens. You can download this app for free in the app store or play store.

The screen can be easily mounted in any standard flush-mounting box using the familiar claw or screw fixing and is powered by a separate 24 V DC supply (e.g. 340-00050). The screen communicates via your wireless home network with the rest of your Niko Home Control system. You need an active internet connection to activate the screen. This internet connection ensures that your screen and Niko Home Control installation are always up-to-date, and have the most recent functionalities.

- recommended mounting height: 110 - 160 cm
- power supply voltage: 24 V DC (SELV)
- Wi-Fi: 2.4 Ghz bgn (HT20)
- ambient temperature: 0 – +40 °C
- proximity sensor: 0 – 30 cm
- light sensor for automatic adjustment of the screen intensity
- maximum number of Digital blacks per installation: 20
- screen size: 3.6”
- screen resolution: 1024 x 768 pixels
- display dimensions: 83 x 83 x 11.5 mm (HxWxD)
- dimensions flush-mounting mechanism: 75 x 70 x 23.6 (HxWxD)
- protection degree: IP40
- CE marked

COMPLETE UNIT

550-18000	Pieces: 1	With plug-in terminals, for claw fixing
550-18001	Pieces: 1	With plug-in terminals, for screw fixing



NEW

Simple wall-mounted printed circuit board with base

The wall-mounted printed circuit board is mounted on an existing flush-mounting box or on an uneven wall and forms the connection between the control and the installation. Several wall-mounted printed circuit boards with base can be clicked together and/or can be combined with any other Niko flush-mounting mechanism.

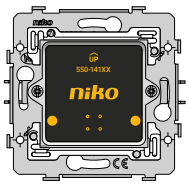
- double plug-in connector: possible connection of two wires per contact, each with a diameter of 0.5 to 1 mm
- mounting of push button: click mechanism
- wall mounting: screws or claws

SIMPLE WALL-MOUNTED PRINTED CIRCUIT BOARD WITH BASE

550-14106	Pieces: 10	For claw fixing
550-14116	Pieces: 6	For screw fixing

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Simple wall-mounted printed circuit board with base



NEW

The wall-mounted printed circuit board is mounted on an existing flush-mounting box or on an uneven wall and forms the connection between the control and the installation. Several wall-mounted printed circuit boards with base can be clicked together and/or can be combined with any other Niko flush-mounting mechanism.

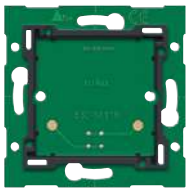
- double plug-in connector: possible connection of two wires per contact, each with a diameter of 0.5 to 1 mm
- mounting of push button: click mechanism
- wall mounting: screws or claws

SIMPLE WALL-MOUNTED PRINTED CIRCUIT BOARD WITH BASE (71X71)

550-14107 Pieces: 10 For claw fixing

550-14117 Pieces: 6 For screw fixing

Simple wall-mounted printed circuit board with connector



The wall-mounted printed circuit board enables you to connect a control to the installation. You mount the wall-mounted printed circuit board with double plug-in connector onto a simple standard flush-mounting box with screw connection. A set of claws is to be ordered separately for flush-mounting boxes without screw connection.

- double plug-in connector: possible connection of two wires per contact, each with a diameter of 0.5 to 1 mm
- mounting of push button: click mechanism
- wall mounting: screws or a set of claws

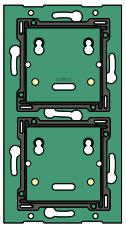
COMPLETE UNIT

550-14110 Pieces: 10 Simple wall-mounted printed circuit board with connector

ACCESSORY

450-00067 Pieces: 20 Set of claws for wall-mounted printed circuit board

Multiple wall-mounted printed circuit board to be used with connection unit

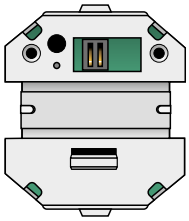


You mount the multiple wall-mounted printed circuit board onto a simple standard flush-mounting box with screw connection. No additional flush-mounting boxes are required for the assembly of multiple faceplates. You can decide whether you prefer to work towards the bottom, top, left or right from the flush-mounting box, which allows you to add push buttons without the need for additional drilling or channelling work. A set of claws is to be ordered separately for flush-mounting boxes without screw connection. Note: Order always a connection unit with every multiple wall-mounted printed circuit board as this unit provides the connection between the multiple wall-mounted printed circuit boards and the installation.

- mounting of push button: click mechanism
- wall mounting: screws or a set of claws

WALL-MOUNTED PRINTED CIRCUIT BOARDS

550-14020	Pieces: 10	Double wall-mounted printed circuit board (centre distance 71 mm, horizontal)
550-14021	Pieces: 10	Double wall-mounted printed circuit board (centre distance 60 mm, vertical)
550-14027	Pieces: 10	Double wall-mounted printed circuit board (centre distance 71 mm, vertical)
550-14030	Pieces: 10	Three-fold wall-mounted printed circuit board (centre distance 71 mm, horizontal)
550-14031	Pieces: 10	Three-fold wall-mounted printed circuit board (centre distance 60 mm, vertical)
550-14037	Pieces: 10	Three-fold wall-mounted printed circuit board (centre distance 71 mm, vertical)
550-14040	Pieces: 10	Four-fold wall-mounted printed circuit board (centre distance 71 mm, horizontal)



Connection unit for multiple wall-mounted printed circuit board

The connection unit connects the installation to the multiple wall-mounted printed circuit board. The connection unit can be mounted into any position on the multiple wall-mounted printed circuit board. Note: Use a different set of claws.

- double plug-in connector: possible connection of two wires per contact, each with a diameter of 0.5 to 1 mm
- mounting on wall-mounted printed circuit board: two screws

COMPLETE UNIT

550-14090 Pieces: 6 Connection unit for multiple wall-mounted printed circuit board

ACCESSORY

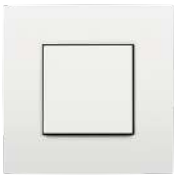
450-00068 Pieces: 20 Set of claws for connection unit

Single push button with LED, "leaving the house" symbol

The single push button has one action button with the "leaving the house" symbol. This action button allows the resident to switch off all the lights in his home, as well as certain appliances that may pose a safety risk (iron, hob, deep-fat fryer). You simply determine in the programming software which light points/appliances must be switched off. The action button is fitted with an amber-coloured indication LED to indicate the status of the action. The push button is attached to the wall-mounted printed circuit board via a click mechanism.

COMPLETE UNIT

100-52901	Pieces: 6	**101-52901**	Pieces: 6	**102-52901**	Pieces: 6
104-52901	Pieces: 6	**121-52901**	Pieces: 6	**122-52901**	Pieces: 6
123-52901	Pieces: 6	**124-52901**	Pieces: 6	**154-52901**	Pieces: 6
157-52901	Pieces: 6	**161-52901**	Pieces: 6	**200-52901**	Pieces: 6
220-52901	Pieces: 6	**221-52901**	Pieces: 6		



Single push button

The single push button includes one action button. This action button allows the resident to control a light point or a light circuit, brighten or dim a dimmable light point or activate a mood setting. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

COMPLETE UNIT

100-51001	Pieces: 6	**101-51001**	Pieces: 6	**102-51001**	Pieces: 6
104-51001	Pieces: 6	**121-51001**	Pieces: 6	**122-51001**	Pieces: 6
123-51001	Pieces: 6	**124-51001**	Pieces: 6	**154-51001**	Pieces: 6
157-51001	Pieces: 6	**161-51001**	Pieces: 6	**200-51001**	Pieces: 6
220-51001	Pieces: 6	**221-51001**	Pieces: 6		

Single push button with led

The single push button includes one action button. This action button allows the resident to control a light point or a light circuit, brighten or dim a dimmable light point or activate a mood setting. The action button is equipped with an amber indication LED to indicate the status of the action. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

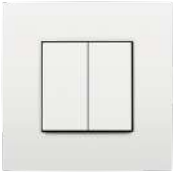
COMPLETE UNIT

100-52001	Pieces: 6	**101-52001**	Pieces: 6	**102-52001**	Pieces: 6
104-52001	Pieces: 6	**121-52001**	Pieces: 6	**122-52001**	Pieces: 6
123-52001	Pieces: 6	**124-52001**	Pieces: 6	**154-52001**	Pieces: 6
157-52001	Pieces: 6	**161-52001**	Pieces: 6	**200-52001**	Pieces: 6
220-52001	Pieces: 6	**221-52001**	Pieces: 6		

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Double push button

The double push button includes two action buttons. Each of these action buttons allows the resident to control a light point or a light circuit, brighten or dim a dimmable light point or activate a mood setting. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

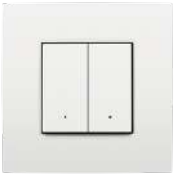


COMPLETE UNIT

100-51002	Pieces: 6	**101-51002**	Pieces: 6	**102-51002**	Pieces: 6
104-51002	Pieces: 6	**121-51002**	Pieces: 6	**122-51002**	Pieces: 6
123-51002	Pieces: 6	**124-51002**	Pieces: 6	**154-51002**	Pieces: 6
157-51002	Pieces: 6	**161-51002**	Pieces: 6	**200-51002**	Pieces: 6
220-51002	Pieces: 6	**221-51002**	Pieces: 6		

Double push button with leds

The double push button includes two action buttons. Each of these action buttons allows the resident to control a light point or a light circuit, brighten or dim a dimmable light point or activate a mood setting. Each action button is equipped with an amber indication LED to indicate the status of the action. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

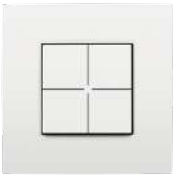


FINISHING SET WITH LENS

100-52002	Pieces: 6	**101-52002**	Pieces: 6	**102-52002**	Pieces: 6
104-52002	Pieces: 6	**121-52002**	Pieces: 6	**122-52002**	Pieces: 6
123-52002	Pieces: 6	**124-52002**	Pieces: 6	**154-52002**	Pieces: 6
157-52002	Pieces: 6	**161-52002**	Pieces: 6	**200-52002**	Pieces: 6
220-52002	Pieces: 6	**221-52002**	Pieces: 6		

Four-fold push button

The four-fold push button includes four action buttons. Each of these action buttons allows the resident to control a light point or a light circuit, brighten or dim a dimmable light point or activate a mood setting. You mount the push button to the wall-mounted printed circuit board via a click mechanism.



COMPLETE UNIT

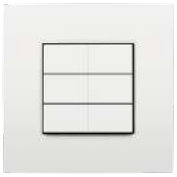
100-51004	Pieces: 6	**101-51004**	Pieces: 6	**102-51004**	Pieces: 6
104-51004	Pieces: 6	**121-51004**	Pieces: 6	**122-51004**	Pieces: 6
123-51004	Pieces: 6	**124-51004**	Pieces: 6	**154-51004**	Pieces: 6
157-51004	Pieces: 6	**161-51004**	Pieces: 6	**200-51004**	Pieces: 6
220-51004	Pieces: 6	**221-51004**	Pieces: 6		

Four-fold push button with leds

The four-fold push button includes four action buttons. Each of these action buttons allows the resident to control a light point or a light circuit, brighten or dim a dimmable light point or activate a mood setting. Each action button is equipped with an amber indication LED to indicate the status of the action. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

COMPLETE UNIT

100-52004	Pieces: 6	**101-52004**	Pieces: 6	**102-52004**	Pieces: 6
104-52004	Pieces: 6	**121-52004**	Pieces: 6	**122-52004**	Pieces: 6
123-52004	Pieces: 6	**124-52004**	Pieces: 6	**154-52004**	Pieces: 6
157-52004	Pieces: 6	**161-52004**	Pieces: 6	**200-52004**	Pieces: 6
220-52004	Pieces: 6	**221-52004**	Pieces: 6		

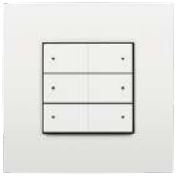


Six-fold push button

The six-fold push button includes six action buttons. Each of these action buttons allows the resident to control a light point or a light circuit, brighten or dim a dimmable light point or activate a mood setting. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

COMPLETE UNIT

100-51006	Pieces: 6	**101-51006**	Pieces: 6	**102-51006**	Pieces: 6
104-51006	Pieces: 6	**121-51006**	Pieces: 6	**122-51006**	Pieces: 6
123-51006	Pieces: 6	**124-51006**	Pieces: 6	**154-51006**	Pieces: 6
157-51006	Pieces: 6	**161-51006**	Pieces: 6	**200-51006**	Pieces: 6
220-51006	Pieces: 6	**221-51006**	Pieces: 6		



Six-fold push button with leds

The six-fold push button includes six action buttons. Each of these action buttons allows the resident to control a light point or a light circuit, brighten or dim a dimmable light point or activate a mood setting. Each action button is equipped with an amber indication LED to indicate the status of the action. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

COMPLETE UNIT

100-52006	Pieces: 6	**101-52006**	Pieces: 6	**102-52006**	Pieces: 6
104-52006	Pieces: 6	**121-52006**	Pieces: 6	**122-52006**	Pieces: 6
123-52006	Pieces: 6	**124-52006**	Pieces: 6	**154-52006**	Pieces: 6
157-52006	Pieces: 6	**161-52006**	Pieces: 6	**200-52006**	Pieces: 6
220-52006	Pieces: 6	**221-52006**	Pieces: 6		

Single dimming control

The single dimming control includes one group of three action buttons. They allow the resident to brighten or dim a light point or a group of light points. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

COMPLETE UNIT

100-51043	Pieces: 6	**101-51043**	Pieces: 6	**102-51043**	Pieces: 6
104-51043	Pieces: 6	**121-51043**	Pieces: 6	**122-51043**	Pieces: 6
123-51043	Pieces: 6	**124-51043**	Pieces: 6	**154-51043**	Pieces: 6
157-51043	Pieces: 6	**161-51043**	Pieces: 6	**200-51043**	Pieces: 6
220-51043	Pieces: 6	**221-51043**	Pieces: 6		

Single dimming control with leds

The single dimming control includes one group of three action buttons. They allow the resident to brighten or dim a light point or a group of light points. The dimming control is equipped with amber indication LEDs to indicate the status of the action. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

COMPLETE UNIT

100-52043	Pieces: 6	**101-52043**	Pieces: 6	**102-52043**	Pieces: 6
104-52043	Pieces: 6	**121-52043**	Pieces: 6	**122-52043**	Pieces: 6
123-52043	Pieces: 6	**124-52043**	Pieces: 6	**154-52043**	Pieces: 6
157-52043	Pieces: 6	**161-52043**	Pieces: 6	**200-52043**	Pieces: 6
220-52043	Pieces: 6	**221-52043**	Pieces: 6		

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Double dimming control

The double dimming control includes two groups of three action buttons. They allow the resident to brighten or dim two light points or two groups of light points. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

COMPLETE UNIT

100-51046	Pieces: 6	**101-51046**	Pieces: 6	**102-51046**	Pieces: 6
104-51046	Pieces: 6	**121-51046**	Pieces: 6	**122-51046**	Pieces: 6
123-51046	Pieces: 6	**124-51046**	Pieces: 6	**154-51046**	Pieces: 6
157-51046	Pieces: 6	**161-51046**	Pieces: 6	**200-51046**	Pieces: 6
220-51046	Pieces: 6	**221-51046**	Pieces: 6		

Double dimming control with leds

The double dimming control includes two groups of three action buttons. They allow the resident to brighten or dim two light points or two groups of light points. The dimming control is equipped with amber indication LEDs to indicate the status of the action. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

COMPLETE UNIT

100-52046	Pieces: 6	**101-52046**	Pieces: 6	**102-52046**	Pieces: 6
104-52046	Pieces: 6	**121-52046**	Pieces: 6	**122-52046**	Pieces: 6
123-52046	Pieces: 6	**124-52046**	Pieces: 6	**154-52046**	Pieces: 6
157-52046	Pieces: 6	**161-52046**	Pieces: 6	**200-52046**	Pieces: 6
220-52046	Pieces: 6	**221-52046**	Pieces: 6		

Single motor control

The single motor control includes one group of three action buttons. They allow the resident to operate the motors of one group of roll-down shutters, sunblinds or venetian blinds. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

COMPLETE UNIT

100-51033	Pieces: 6	**101-51033**	Pieces: 6	**102-51033**	Pieces: 6
104-51033	Pieces: 6	**121-51033**	Pieces: 6	**122-51033**	Pieces: 6
123-51033	Pieces: 6	**124-51033**	Pieces: 6	**154-51033**	Pieces: 6
157-51033	Pieces: 6	**161-51033**	Pieces: 6	**200-51033**	Pieces: 6
220-51033	Pieces: 6	**221-51033**	Pieces: 6		

Single motor control with leds

The single motor control includes one group of three action buttons. They allow the resident to operate the motors of one group of roll-down shutters, sunblinds or venetian blinds. The motor control is equipped with amber indication LEDs to indicate the status of the action. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

COMPLETE UNIT

100-52033	Pieces: 6	**101-52033**	Pieces: 6	**102-52033**	Pieces: 6
104-52033	Pieces: 6	**121-52033**	Pieces: 6	**122-52033**	Pieces: 6
123-52033	Pieces: 6	**124-52033**	Pieces: 6	**154-52033**	Pieces: 6
157-52033	Pieces: 6	**161-52033**	Pieces: 6	**200-52033**	Pieces: 6
220-52033	Pieces: 6	**221-52033**	Pieces: 6		

Double motor control

The double motor control includes two groups of three action buttons. They allow the resident to operate the motors of two groups of roll-down shutters, sunblinds or venetian blinds. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

COMPLETE UNIT

100-51036	Pieces: 6	**101-51036**	Pieces: 6	**102-51036**	Pieces: 6
104-51036	Pieces: 6	**121-51036**	Pieces: 6	**122-51036**	Pieces: 6
123-51036	Pieces: 6	**124-51036**	Pieces: 6	**154-51036**	Pieces: 6
157-51036	Pieces: 6	**161-51036**	Pieces: 6	**200-51036**	Pieces: 6
220-51036	Pieces: 6	**221-51036**	Pieces: 6		

Double motor control with leds

The double motor control includes two groups of three action buttons. They allow the resident to operate the motors of two groups of roll-down shutters, sunblinds or venetian blinds. The motor control is equipped with amber indication LEDs to indicate the status of the action. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

COMPLETE UNIT

100-52036	Pieces: 6	**101-52036**	Pieces: 6	**102-52036**	Pieces: 6
104-52036	Pieces: 6	**121-52036**	Pieces: 6	**122-52036**	Pieces: 6
123-52036	Pieces: 6	**124-52036**	Pieces: 6	**154-52036**	Pieces: 6
157-52036	Pieces: 6	**161-52036**	Pieces: 6	**200-52036**	Pieces: 6
220-52036	Pieces: 6	**221-52036**	Pieces: 6		

Ventilation control with leds

The push button includes four action buttons: one for each setting of the central ventilation system (low, normal and high) and a boost mode button that activates the highest setting during a preset amount of time before returning to the previous setting. Each action button is equipped with an amber indication LED to indicate the status of the action. You mount the push button to the wall-mounted printed circuit board via a click mechanism.

COMPLETE UNIT

100-52054	Pieces: 6	**101-52054**	Pieces: 6	**102-52054**	Pieces: 6
104-52054	Pieces: 6	**121-52054**	Pieces: 6	**122-52054**	Pieces: 6
123-52054	Pieces: 6	**124-52054**	Pieces: 6	**154-52054**	Pieces: 6
157-52054	Pieces: 6	**161-52054**	Pieces: 6	**200-52054**	Pieces: 6
220-52054	Pieces: 6	**221-52054**	Pieces: 6		

Single audio control with LEDs

The single audio control has one group of three action buttons. With these buttons the resident can control the connected audio device (or group of audio devices). The audio control is fitted with an amber-coloured indication LED to indicate the status of the action. The push button is attached to the wall-mounted printed circuit board via a click mechanism.

FULL PRODUCT

100-52073	Pieces: 6	**101-52073**	Pieces: 6	**102-52073**	Pieces: 6
104-52073	Pieces: 6	**121-52073**	Pieces: 6	**122-52073**	Pieces: 6
123-52073	Pieces: 6	**124-52073**	Pieces: 6	**154-52073**	Pieces: 6
157-52073	Pieces: 6	**161-52073**	Pieces: 6	**200-52073**	Pieces: 6
220-52073	Pieces: 6	**221-52073**	Pieces: 6		

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Push-button interface

The push-button interface converts the switching pulse of external push buttons (such as Niko Hydro) into a Niko Home Control bus command. The interface will be installed behind the push button. The bus can be interconnected to the next control element of the Niko Home Control installation. The push-button interface can be used outdoors, on the condition that the splashproof Niko Hydro housing is provided.

- suitable for maximum four potential-free NO push buttons or NPN transistor outputs
- only connect to an SELV contact (safety extra-low voltage)
- maximum distance to the push button: 2 m
- resting potential: 26 Vdc (SELV)
- dimensions: 40 x 27 x 5 mm (HxWxD)
- CE marked
- ambient temperature: -25 – +55 °C

COMPLETE UNIT

550-20000	Pieces: 6	Push-button interface

Mood control

The mood control allows the resident to create different mood settings for different occasions. A mood setting is a combination of settings with regard to lighting, roll-down shutters, sunblinds, etc.

- recommended mounting height: 120 - 150 cm
- flush-mounting depth: 20 mm
- dimensions: 45 x 45 x 32 mm (HxWxD)
- resting potential: 26 Vdc (SELV, safety extra-low voltage)
- back-lit colour display with three buttons
- ambient temperature: 0 – +50 °C

COMPLETE UNIT

550-13040	Pieces: 6	For claw fixing, centre distance 60 mm
550-13041	Pieces: 6	For screw fixing, centre distance 71 mm
550-13042	Pieces: 6	For screw fixing, centre distance 60 mm

Eco-display

The eco-display allows the resident to monitor the energy, gas and water consumption as well as the energy production (if applicable). It can also be used to activate the eco-function (all off) or the presence simulation. The eco-display shows information on the electricity, gas and water consumption as well as the electricity production. The type of information displayed will depend on the measuring modules you will install. The electricity measuring module measures the electricity consumption or electricity production. The pulse counter communicates the electricity, gas and water consumption. The current electricity consumption is expressed in W or kW, while gas and water consumption is expressed in m³. The consumption for that week expressed in EUR, GBP or SEK is displayed underneath. The end-user can press the eco-button to switch off all lights and connected circuits when leaving the house. He will immediately notice the reduction in consumption. The resident will activate the presence simulation by pressing the presence simulation button. This allows the resident to have the lights switch on at certain times and to create an extra feeling of safety while using the least amount of energy.
The recommended location for mounting the eco-display is near the door used by the resident to leave the house.

This Niko Home Control eco-display was awarded the Red Dot Design Award 2011.

- recommended mounting height: 120 - 150 cm
- flush-mounting depth: 20 mm
- dimensions: 45 x 45 x 32 mm (HxWxD)
- resting potential: 26 Vdc (SELV, safety extra-low voltage)
- back-lit colour display with three buttons
- ambient temperature: 5 – +45 °C
- in conformity with IEC60730-2-9, EN 50491-5-2, EN 50491-2 and EN 50090-2-3

COMPLETE UNIT

550-13080	Pieces: 6	For claw fixing, centre distance 60 mm
550-13081	Pieces: 6	For screw fixing, centre distance 71 mm
550-13082	Pieces: 6	For screw fixing, centre distance 60 mm

Thermostat

The thermostat can be installed in any room fitted with underfloor heating, a radiator, heating unit or cooling unit. It controls the heating or cooling for the room in which it is mounted. The thermostat is used in combination with the heating or cooling module. You can also connect this to a three-fold or six-fold switching module for switching electric heating in Niko Home Control 2.0. As Niko Home Control controls the heating or cooling in different rooms, the resident can considerably save energy by linking the thermostat, for example, to the eco-function (all-off) or calendar-based functions (contrary to maintaining a fixed temperature throughout when using thermostatic taps, for instance).

- compatible with the Niko Home Control solar mode
- recommended mounting height: 120 - 150 cm
- flush-mounting depth: 20 mm
- dimensions: 45 x 45 x 32 mm (HxWxD)
- resting potential: 26 Vdc (SELV, safety extra-low voltage)
- back-lit colour display with three buttons
- daily/weekly programmes
- 3 weekly programmes: two for the heating function and one for the cooling function
- 5 temperature settings: day, night, eco, off (frost-free) and cool
- temperature accuracy: 0.5 °C
- protection degree: IP20
- ambient temperature: 5 – +40 °C
- in conformity with IEC60730-2-9 , EN 50491-5-2, EN 50491-2 and EN 50090-2-3

COMPLETE UNIT

550-13050	Pieces: 6	For claw fixing, centre distance 60 mm
550-13051	Pieces: 6	For screw fixing, centre distance 71 mm
550-13052	Pieces: 6	For screw fixing, centre distance 60 mm

HVAC thermostat

You install the HVAC thermostat in any room that has an indoor unit of the VRV, VRF or multi-split air conditioning system (HVAC system). The HVAC thermostat controls the heating or cooling of the room in which it is installed. You can modify the temperature and adjust the ventilation speed. As Niko Home Control controls the heating or cooling in different rooms, the resident can considerably save energy by linking the HVAC thermostat, for example, to the eco-function (all off) or calendar-based functions. The resident will use the PROTECT mode for long-term absences: the room temperature will be maintained between a minimum and maximum value. The communication with the HVAC system is established via the HVAC interface (CoolMaster).

- compatible with the Niko Home Control solar mode
- back-lit colour display
- resting potential: 26 Vdc (SELV, safety extra-low voltage)
- ambient temperature: 5 – +45 °C
- dimensions of the display: 45 x 45 x 32 mm (HxWxD)
- flush-mounting depth: 20 mm
- daily/weekly programmes
- 2 operating modes: cooling and heating
- 3 temperature settings with a value for cooling and a value for heating
- 3 statuses: eco, protect and on/off
- temperature accuracy: 1 °C
- in conformity with IEC60730-2-9 , EN 50491-5-2, EN 50491-2 and EN 50090-2-3
- protection rating: IP20

COMPLETE UNIT

550-13060	Pieces: 6	For claw fixing, centre distance 60 mm
550-13061	Pieces: 6	For screw fixing, centre distance 71 mm
550-13062	Pieces: 6	For screw fixing, centre distance 60 mm

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Touchscreen

This touchscreen allows you to conveniently operate the entire Niko Home Control installation from one central point: switching and dimming the lighting, controlling the temperature, moving roller blinds and sunblinds to the position of your choice, monitoring the energy consumption and the status of the installation … Thanks to a built-in light sensor, the screen brightness adapts to the ambient light.

Thanks to the connection to the Niko Home Control external video unit, access control is also possible. This way, you can answer incoming calls, open a connected door lock, peek outside and check missed calls. A feedback LED displays any missed calls, even when the device is in standby mode. Please note: we recommend providing at least one touchscreen on top of the smartphones and/or tablets because a wired device is always more reliable than a mobile one.

This touchscreen (550-20102) replaces touchscreen 2 (550-20101) completely. In existing Niko Home Control installations, it can replace as well as complement its predecessor. Its wired connection to the home network ensures a very reliable connection.

Only one flush-mounting box is needed to mount this touchscreen. You connect the touchscreen with one twisted pair cable (UTP, FTP or STP) to the Power over Ethernet power supply, which is available separately. Alternatively, you can also place a separate 24 V DC power supply in the cabinet. A total of ten IP devices (touchscreens, smartphones or PC applications) can be connected per installation.

- power supply voltage: 24 Vdc (± 10%) (SVV, JYSTY, TPVF, UTP, etc.) or Power over Ethernet (PoE) (UTP, STP, FTP) (48 V DC)
- electricity consumption: 500 mA (24 Vdc) or 250 mA (PoE 48 V DC)
- ambient temperature:
  - in operation: 0 – +40 °C
  - storage and transport: -10 – +65 °C
- Ethernet connection speed: 10 - 100 Mbit/s
- CE marked
- dimensions: 124 x 192 x 20 mm (HxWxD)
- screen size: 7”
- screen resolution: 1024 x 600
- weight: 570 g (excluding connectors and screws)
- protection degree: IP20

COMPLETE DEVICE

550-20102	Pieces: 1	Touchscreen

COMPLETE UNIT

550-00502	Pieces: 1	PoE power supply

COMPLETE UNIT

340-00050	Pieces: 6	Modular power supply 24 Vdc, 60 W

External video unit

This ultra-flat external video unit for flush mounting is finished with a black front plate made of anodised aluminium (3 mm thick). The device is equipped with a 130° HD colour camera and a Plexiglas nameplate that can be engraved. The external video unit is supplied with a flush-mounting box. This unique lighting concept (patent pending) provides refined and homogeneous illumination of the engraved nameplate, guaranteeing good visibility in the dark. The touch button requires no maintenance and is extremely durable. Combined with the touchscreen as an internal video unit, access control can be integrated into a Niko Home Control installation. You can then use a smartphone or tablet as an additional internal video unit if both the external video unit and the mobile device have an active Internet connection and the installation has been registered at mynikohomecontrol.niko.eu. Please note: we recommend providing at least one touchscreen on top of the smartphones and/or tablets because a wired device is always more reliable than a mobile one.

- power supply voltage: 48 Vdc ± 10%
- power consumption: 5 W
- ambient temperature: -30 – +60 °C
- dimensions flush-mounting box: 239 x 89 x 47 mm (HxWxD)
- dimensions external unit: 256 x 110 mm (HxW)
- HD camera resolution: 720 horizontal TV lines
- camera angle: 130°
- light sensitivity: 1 lux
- mounting: flush-mounting
- protection degree: IP53
- CE marked

COMPLETE UNIT

550-22001	Pieces: 1	1 illuminated touch button
550-22002	Pieces: 1	2 illuminated touch buttons

COMPLETE UNIT

550-00502	Pieces: 1	PoE power supply

ACCESSORY

550-22091 Pieces: 1 Nameplate for the external video unit with one touch button

550-22092 Pieces: 1 Nameplate for the external video unit with two touch buttons

Wall motion detector, 180°, Niko Home Control, 9 m

This motion detector is suitable for indoor use only. Niko Home Control supplies power to the motion detector. No additional power supply is required. To be used as a motion detector or as a motion detector in combination with a photo cell.

- resting potential: 26 Vdc (SELV, safety extra-low voltage)
- detection angle: 180° horizontal, 60° vertical
- detection range: 9 m (horizontal)
- recommended mounting height: 90 - 110 cm
- light sensitivity: 5 - 1200 lux
- switch-off delay: 10 s
- manual mode option
- ambient temperature: -5 – +45 °C
- CE marked

COMPLETE UNIT

550-20211 Pieces: 6 **550-20212** Pieces: 6 **550-20210** Pieces: 6

FINISHING SET

100-55511	Pieces: 6	**101-55511**	Pieces: 6	**102-55511**	Pieces: 6
104-55511	Pieces: 6	**121-55511**	Pieces: 6	**122-55511**	Pieces: 6
123-55511	Pieces: 6	**124-55511**	Pieces: 6	**154-55511**	Pieces: 6
157-55511	Pieces: 6	**161-55511**	Pieces: 6	**200-55511**	Pieces: 6
220-55511	Pieces: 6	**221-55511**	Pieces: 6		

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Mini presence detector, 360°, Niko Home Control, 9 m

The mini detector detects movement and changes in light intensity. Using this information various Niko Home Control actions can be activated or deactivated. The product is suitable for ceiling mounting in suspended ceilings, both indoors and outdoors.

- Dimensions (HxWxD): 13 x 36 mm
- Dimensions visible (HxWxD): 13 x 36 mm
- Input voltage: 26 Vdc (SELV, safety extra-low voltage)
- Drill diameter: 30 mm
- Detection angle: 360 °
- Detection range (PIR): 9,5 m from a height of 3 m
- Light intensity range: 2 lux – 2500 lux
- Ambient temperature: -10 – +50 °C
- Mounting method: flush-mounting

COMPLETE UNIT

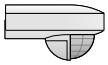
550-20220 Pieces: 1 Detector

Outdoor motion detector, 180°, Niko Home Control, 16 m, with orientable lens

This motion detector is suitable for use on driveways, on outdoor patios, in garden areas or in garages. The detector is equipped with an integrated light sensor. The sensor can be rotated horizontally within a 25° angle to modify the direction of detection. If you do not want the motion detector to detect any motion within a certain section of the detection area, you cover the sensor lens using the cover cap supplied. Niko Home Control supplies power to the motion detector. No additional power supply is required.

- Input voltage: 26 Vdc (SELV, safety extra-low voltage)
- Detection angle: 180 °
- Detection range (PIR): up to 16 m in diameter from a height of 3 m
- Switch-off delay: 8 s – 30 m
- Protection degree: IP54
- Mounting height: 2.5 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT



550-20200 Pieces: 1 Detector, white

ACCESSORY

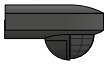
390-20050 Pieces: 1 Ceiling mounting bracket

Outdoor motion detector, 180°, Niko Home Control, 13 m, with orientable lens, black

This motion detector is suitable for use on driveways, on outdoor patios, in garden areas or in garages. The detector is equipped with an integrated light sensor. The sensor can be rotated horizontally within a 25° angle to modify the direction of detection. If you do not want the motion detector to detect any motion within a certain section of the detection area, you cover the sensor lens using the cover cap supplied. Niko Home Control supplies power to the motion detector. No additional power supply is required.

- Input voltage: 26 Vdc (SELV, safety extra-low voltage)
- Detection angle: 180 °
- Detection range (PIR): up to 13 m in diameter from a height of 3 m
- Switch-off delay: 8 s – 30 m
- Protection degree: IP54
- Mounting height: 2.5 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT



550-20201 Pieces: 1 Detector, black

ACCESSORY

390-20150 Pieces: 10 Ceiling mounting bracket, black

Photo cell, IP54, variable light sensitivity

Photo cell for outdoor applications (IP54). To be used in combination with the analogue sensor module (550-00230). The photo cell has a variable light sensitivity between 3 and 300 lux, 30 and 3 Klux, 300 and 30 Klux or 600 and 60 Klux.

- power supply voltage: 24 Vdc ± 10%
- output signal: 0 - 10 V
- light sensitivity: 3 - 300 lux, 30 - 3 Klux, 300 - 30 Klux or 600 - 60 Klux
- protection degree: IP54
- ambient temperature: -40 – +50 °C

COMPLETE UNIT

350-10012 Pieces: 10 Detector

Twilight switch, 24 V, one channel, 4 A, 2 - 200 lux

Twilight switch for outdoor wall mounting (IP54), suitable for switching outdoor lighting. To be used in combination with the digital potential-free sensor module (550-00210). Large sensor surface for accurate light measuring. In conformity with the European directive for EMC and safety EN60669-2-1.

- power supply voltage: 24 Vac/Vdc ± 10%
- relay contact: NO (max. 4 A)
- incandescent lamps: 40 W
- hysteresis on light sensitivity: + 50%
- switch-off delay: ± 1 min
- light sensitivity: 2 - 200 lux
- protection degree: IP54
- operating temperature: -50 – +50 °C
- dimensions: 102 x 73 x 39 mm (HxWxD)

COMPLETE UNIT

350-10032 Pieces: 5 Twilight switch

Motion detector, 90°, 24 V, 22 m

90° motion detector, 24 V, with a potential-free contact for mounting on walls and ceilings. The detector is durable, functional and compact. The motion detector has a built-in walking test and adjustable sensitivity (5 levels) and can be combined with Niko Home Control. To be used in combination with the digital potential-free sensor module (550-00210). For use in small offices, storage areas, corridors, conference rooms … The motion detector is suitable for the control of HVAC, ventilation, building management systems, Niko Home Control … The switch-off delay of the potential-free relay and the sensitivity of the detector can be set on the device. Also suitable for outdoor applications. In this case a protective cover (to be ordered separately) is used to make the motion detector splashproof (protection degree IP54).

- Input voltage: 24 Vac/Vdc ± 10 %
- Maximum power consumption: <18 mA
- Number of channels: 1 channel
- Detection angle: 90 °
- Detection range (PIR): circle, 22 m
- Switch-off delay: 2 s – 30 m
- Protection degree: IP20
- Mounting height: 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 °C

COMPLETE UNIT

350-41279 Pieces: 1 Detector

ACCESSORY

390-20010 Pieces: 10 IP54 protection cap

ACCESSORY

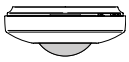
390-20000 Pieces: 1 Vandalproof protection cap, wall mounting

Motion detector, 360°, 24 V, 8 m, for surface mounting

The motion detector has a limited diameter (80 mm) and thickness (3 cm) and an adjustable sensitivity (4 levels). For use in small offices, storage areas, corridors, conference rooms, … The detector is suitable for the control of ventilation, building management systems, Niko Home Control .. To be used in combination with the digital potential-free sensor module (550-00210). It is possible to set both the switch-off delay of the potential-free relay and the sensitivity of the detector on the device using the DIP switches.

- Dimensions (HxWxD): 80 x 80 x 30.6 mm
- Input voltage: 24 Vac/Vdc ± 10 %
- Relay contact : NO. 0.2 A/max 48 V
- Relay contact 1: NO (max. 48 V/0.2 A), potential-free
- Number of channels: 1 channel
- Detection angle: 360°
- Detection range (PIR): up to 8 m in diameter from a height of 3 m
- Switch-off delay: 5 s, 30 s – 1 h
- Protection degree: IP20
- Mounting height: 2.5 – 4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT



350-41549 Pieces: 1 Detector

Motion detector, 90°, 24 V DC, 0.5 - 15 m, light sensor

Motion detector with built-in light sensor. Suitable for motion detection at an angle of 90° and over a distance of 0.5 to 15 m. To be used in combination with a daylight control module (360-35010) for lighting control. The use of the IP54 protection cap (390-20010) is obligatory for outdoor use. This protection cap needs to be ordered separately.

- Input voltage: 24 Vdc ± 10 %
- Number of channels: 1 channel
- Detection angle: 90 °
- Detection range (PIR): up to 15 m from a height of 2.5 m
- Protection degree: IP20
- Mounting height: 2 – 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 °C

COMPLETE UNIT

350-30010 Pieces: 1 Detector

ACCESSORY

390-20010 Pieces: 10 IP54 protection cap

ACCESSORY

390-20000 Pieces: 1 Vandalproof protection cap, wall mounting

Modules in the cabinet for bus wiring

The connected controller is the heart of your installation. With the connected controller, you can customise the complete installation to your clients' needs.

ADVANTAGES

- a specific cabinet module for each type of functionality
- simple and orderly build-up of the electrical cabinet
- limited cabling in the cabinet thanks to the slide contact
- compact modules do not require a large electrical cabinet
- long-lasting modules thanks to limited heat release
- print tailor-made labels using the programming software
- energy modules using supplied measuring clamp(s)

works with the Google Assistant · JUST ASK alexa · Works with IFTTT

SONOS · BOSE Better sound through research. · VELUX · REYNAERS aluminium · DUCO Ventilation & Sun Control · RENSON Creating healthy spaces · SMA

Vaillant · Bulex · Saunier Duval · NIBE · MITSUBISHI ELECTRIC · DAIKIN · aldes · protherm

Offer may vary by location. Please check with your local reseller for a complete list of compatible partner systems.

Connected controller for Niko Home Control II

The connected controller is the central module of every Niko Home Control installation for bus wiring. This module contains firmware that can only be programmed with the Niko Home Control programming software 2.1.1 or higher. It covers all basic functions on which a Niko Home Control installation is built. The basic functions include:

- The intelligence directing the logic to the installation. Through the configuration software, the logic is saved locally on the controller.
- The power supply module providing an input voltage of 26 V to the bus, the cabinet modules and the controls. Depending on the size of the installation, separate power supply modules can be added.
- The connection to Niko Home Control IP devices such as touchscreens and external video units. A built-in router allows the user to connect up to 3 devices directly to the controller. With an extra switch, this number can be increased.
- The connection to the internet. This enables the user to control the installation both indoors and outdoors (via mobile networks such as 3G, 4G, GPRS or Wi-Fi hotspot) using mobile devices (smartphones and tablets with iOS or Android).

The module has a TEST button to verify the proper functioning and status of all other modules. The SERVICE button allows you to perform waiting Niko upgrades.

Each installation must consist of one connected controller.

After registration on https://mynikohomecontrol.niko.eu, your installation is connected, enabling control through the app via your smartphone and tablet, and you can enjoy the Niko services for upgrade or diagnosis of the installation.

- equipped with a permanent memory where the programming is stored
- contains firmware that can only be programmed with the Niko Home Control programming software 2.1.1 or higher
- PC programming can always be downloaded from the controller
- dimensions: DIN 6E
- sliding contact to connect the module to the following DIN rail module
- input voltage: 230 Vac ± 10%, 50 Hz
- output voltage: 26 Vdc, 400 mA (SELV, safety extra-low voltage)
- 1 RJ45 port for connection to the home network and/or internet
- 3 RJ45 ports for the Niko Home Control network (connection touchscreens, external video units or Ethernet switch which groups them
- 4 plug-in terminals at the top to connect the module with the rail coupler on the next DIN rail
- 4 plug-in terminals at the bottom of the module to be provided with 230 Vac power supply voltage and daisy-chained if necessary
- CE marked
- ambient temperature: 0 – +45 °C
- protected against short-circuit, over voltage and overheating
- compatible with SMA smart connected inverters

COMPLETE UNIT

550-00003 Pieces: 1 Connected controller

Power supply

The power supply, in combination with the connected controller, provides an extra input voltage of 26 V to the bus, modules and controls. An extra power supply is only necessary in installations for which the power of the built-in power supply of the connected controller is insufficient. Up to 2 extra power supplies can be connected to installations with a connected controller. The MASTER button is not used, as the built-in power supply of the connected controller is always the master. For more information on the required number of power supplies, you can consult the installation manual.

- dimensions: DIN 4E
- sliding contact to connect the module to the following module on the DIN rail
- 4 connection terminals at the top to connect the power supply with the rail coupler on the next DIN rail
- CE marked
- ambient temperature: 0 – +45 °C
- short circuit, over voltage, faulty connection and overheating protection

COMPLETE UNIT

550-00010 Pieces: 6 Power supply

Rail coupler

This module is always mounted first on the left at the start of a new row of DIN rail modules that doesn't contain a connected controller or power supply. Interconnect the power supply and bus through the contacts at the top and bottom.

- dimensions: DIN 2U
- sliding contact to connect the module to the following module on the DIN rail
- 2 x 4 screw terminals for 3 x 1.5 mm² or 2 x 2.5 mm² or 1 x 4 mm²
- CE marked
- ambient temperature: 0 – +45 °C

COMPLETE UNIT

550-00020 Pieces: 10 Rail coupler

Switching module (3x)

The three-fold switching module is suitable for switching a maximum of three different switching circuits, e.g. light points or socket outlets. The module allows you to interconnect one neutral conductor to maintain neat cabling in the cabinet. The module includes three indication LEDs and one status LED. Bistable relays ensure low energy consumption.

- switch only one phase per switching module
- maximum load: 230 V – 16 A per switching contact
- maximum load for the entire module: 230 V – 40 A
- 3 independent switching circuits possible on the same phase
- dimensions: DIN 2U
- sliding contact to connect the module to the following module on the DIN rail
- 2 x 4 screw terminals for 3 x 1.5 mm² or 2 x 2.5 mm² or 1 x 4 mm²
- CE marked
- ambient temperature: 0 – +45 °C
- compatible with the Niko Home Control solar mode

COMPLETE UNIT

550-00103 Pieces: 10 Switching module (3x)

Switching module (6x)

The six-fold switching module is suitable for switching a maximum of six different switching circuits, e.g. light points or socket outlets. The module allows you to interconnect two neutral conductors to maintain neat cabling in the cabinet. The module includes six indication LEDs and one status LED. Bistable relays ensure low energy consumption.

- compatible with the Niko Home Control solar mode
- switch only one phase per switching module
- maximum load: 230 V – 16 A per switching contact
- maximum load for the entire module: 230 V – 32 A
- 2 groups with 3 switching contacts each
- dimensions: DIN 4U
- sliding contact to connect the module to the following module on the DIN rail
- 2 x 8 screw terminals for 3 x 1.5 mm² or 2 x 2.5 mm² or 1 x 4 mm²
- CE marked
- ambient temperature: 0 – +45 °C

COMPLETE UNIT

550-00106 Pieces: 6 Switching module (6x)

Universal dim module (2 x 400 W)

The universal dim module is a DIN module with two channels for dimming light circuits. This module is suitable for incandescent lamps, 230 V halogen lamps, 12 V halogen lamps with a ferromagnetic or electronic transformer, dimmable LED lamps and dimmable economy lamps CFLi. The minimum light intensity and the type of lighting you wish to dim can be manually adjusted. The modules can be placed alongside each other without additional derating.

- input voltage: 230 Vac ± 10%, 50 Hz
- ambient temperature: 0 – +45 °C
- for use in an environment with non-condensing atmospheric humidity (30% - 70%)
- dimming capacity per channel: 5 - 400 VA (at 45 °C) or 5 - 500 VA (at 35 °C)
- minimum light intensity and phase control or reverse phase control can be adjusted manually
- 2 x 4 screw terminals for 3 x 1.5 mm² or 2 x 2.5 mm² or 1 x 4 mm²
- sliding contact to connect the module to the following module on the DIN rail
- in conformity with EN60669-2-1
- short-circuit and overheating protection
- CE marked
- dimensions: DIN 4U

COMPLETE UNIT

550-00340 Pieces: 6 Universal dim module (2x400 W)

2.A
2.B
2.C
2.D
2.E

NEW

DALI-2 broadcast module, 2 channels

The DALI-2 broadcast module drives two DALI bus channels concurrently. The two channels are exposed as dimmable light sources in Niko Home Control without the need for any additional configuration or use of DALI programming software. All DALI endpoints will simultaneously react to a Niko Home Control command, meaning that up to 64 endpoints per channel will act as a single dimmable light circuit. The module comes with a built-in power supply, so there is no need to use a dedicated DALI power supply for the DALI bus.
Support of DALI device types (control gear):

- DT0 (Fluorescent, lamp control gear)
- DT1 (Self-contained emergency, control gear)
- DT2 (Discharge HID, lamp control gear)
- DT3 (Low-voltage halogen, lamp control gear)
- DT4 (Incandescent lamp, dimmer)
- DT5 (Conversion to D.C. voltage, 1-10 V, 0-10 V converter)
- DT6 (LED lamp, control gear)
- DT7 (Switching, relay control gear)

DALI device type DT8 (Colour, Control gear) is not yet supported

- input voltage: 230 Vac ± 10%, 50 Hz
- DALI output voltage: 12 – 20.5 V
- ambient temperature: 0 – +45 °C
- maximum number of DALI outputs per channel: 64
- maximum output current per channel: 250 mA
- maximum guaranteed current per channel: 175 mA
- screw terminals 3 x 1.5 mm^2 or 2 x 2.5 mm^2 or 1 x 4 mm^2
- dimensions: DIN 4U
- sliding contact to connect the module to the following module on the DIN rail
- protected against short-circuit, over voltage and overheating
- DALI protocol: EN62386
- CE marked
- Protection degree: IP20

COMPLETE UNIT

550-00371 Pieces: 1 DALI broadcast module

NEW

DALI-2 addressable module, 2 channels

The DALI-2 fully addressable 2-channel interface module allows up to 128 DALI endpoints to be connected to a Niko Home Control installation. Addressing and programming of the DALI devices is done from within the Niko Home Control programming software, and no prior DALI knowledge is required. Each of the DALI endpoints can be configured and controlled separately, without the need to use any other DALI software or interface. The module comes with a built-in power supply, so there is no need to use a dedicated DALI power supply for the DALI bus.
Support of DALI device types (control gear):

- DT0 (Fluorescent, lamp control gear)
- DT1 (Self-contained emergency, control gear)
- DT2 (Discharge HID, lamp control gear)
- DT3 (Low-voltage halogen, lamp control gear)
- DT4 (Incandescent lamp, dimmer)
- DT5 (Conversion to D.C. voltage, 1-10 V, 0-10 V converter)
- DT6 (LED lamp, control gear)
- DT7 (Switching, relay control gear)

DALI device type DT8 (Colour, Control gear) is not yet supported

- input voltage: 230 Vac ± 10%, 50 Hz
- DALI output voltage: 12 – 20.5 V
- ambient temperature: 0 – +45 °C
- maximum number of DALI outputs per channel: 64
- maximum output current per channel: 250 mA
- maximum guaranteed current per channel: 175 mA
- screw terminals 3 x 1.5 mm^2 or 2 x 2.5 mm^2 or 1 x 4 mm^2
- dimensions: DIN 4U
- sliding contact to connect the module to the following module on the DIN rail
- protected against short-circuit, over voltage and overheating
- DALI protocol: EN62386
- CE marked
- Protection degree: IP20

COMPLETE UNIT

550-00370 Pieces: 1 DALI bus module

Motor module

The motor module can operate up to three applications that are motor-controlled, such as roll-down shutters, sunblinds and venetian blinds. The module allows you to interconnect two neutral conductors to maintain neat cabling in the cabinet. The module includes six indication LEDs and one status LED. Bistable relays ensure low energy consumption. The run time can be adjusted via the programming software (5 s to 4 min, adjustable per second).

- switch only one phase per motor module
- switching delay: 0.5 s
- maximum number of motors allowed: 3
- maximum load: 230 V – 6 A per switching contact
- dimensions: DIN 4U
- sliding contact to connect the module to the following module on the DIN rail
- 2 x 8 screw terminals for 3 x 1.5 mm² or 2 x 2.5 mm² or 1 x 4 mm²
- CE marked
- ambient temperature: 0 – +45 °C

COMPLETE UNIT

550-00130 Pieces: 6 Motor module

Electricity measuring module (1 channel)

This module is used to measure your overall electricity consumption, solar production and energy consumption of your individual appliances. Using the Niko Home app and eco display, you can monitor the electricity consumption, production, self-consumption and detect deviations. The measuring module also enables you to use smart energy alerts in Niko Home Control that notify you in case of abnormal energy consumption. If you activate the Niko Home Control solar mode you can start increasing your self-consumption by automatically activating your appliances in case of excessive solar energy. The module is equipped with one feedback LED per channel and a status LED.

- measurement range with the current clamp supplied: 5 - 14490 W, 22 mA – 63 A
- measurement range with current clamp 550-00809: 90 - 27600 W, 400 mA – 120 A
- input voltage: 230 Vac
- 1 current clamp (included)
- accuracy: IEC62053-21 class 1 (R), class 2 (L)
- single-phase connection: 230 Vac, 50 Hz
- maximum cable thickness for the current clamp supplied: 1 x 10 mm² or 6 x 2.5 mm² or 9 x 1.5 mm²
- maximum cable thickness for current clamp 550-00809: 4 x 10 mm² or 12 x 2.5 mm² or 20 x 1.5 mm²
- length of the connector cable at the current clamp: 100 cm
- not suitable for measuring direct current components
- measuring data for informative purposes only, not valid for invoicing
- 4 screw terminals to measure the voltage of the connected switching circuit
- 2 screw terminals to connect the current clamp supplied
- sliding contact to connect the module to the following module on the DIN rail
- dimensions: DIN 2U
- CE marked
- ambient temperature: 0 – +45 °C

COMPLETE UNIT

550-00801 Pieces: 6 Electricity measuring module (1 channel), current clamp 63 A included

ACCESSORY

550-00809 Pieces: 1 Current clamp 120 A

Electricity measuring module (3 channels)

This module is used to measure your overall electricity consumption, solar production and energy consumption of your individual appliances. Using the Niko Home app and eco display, you can monitor the electricity consumption, production, self-consumption and detect deviations. The measuring module also enables you to use smart energy alerts in Niko Home Control that notify you in case of abnormal energy consumption. If you activate the Niko Home Control solar mode you can start increasing your self-consumption by automatically activating your appliances in case of excessive solar energy. The module is equipped with one feedback LED per channel and a status LED.

- measurement range with the current clamps supplied: 5 - 14490 W, 22 mA – 63 A
- measurement range with current clamp 550-00809: 90 - 27600 W, 400 mA – 120 A
- maximum measurement range for the total measuring module: 32768 W
- input voltage: 230 Vac
- 3 current clamps (included)
- accuracy: IEC62053-21 class 1 (R), class 2 (L)
- connection:
  - three-phase: 3N 400 Vac, 50 Hz
  - single-phase: three switching circuits of 230 Vac, 50 Hz
- maximum cable thickness for the current clamps supplied: 1 x 10 mm² or 6 x 2.5 mm² or 9 x 1.5 mm²
- maximum cable thickness for current clamp 550-00809: 4 x 10 mm² or 12 x 2.5 mm² or 20 x 1.5 mm²
- length of the connector cable at each current clamp: 100 cm
- not suitable for measuring direct current components
- measuring data for informative purposes only, not valid for invoicing
- 3 x 2 screw terminals to measure the voltage of the connected switching circuits
- 3 x 2 screw terminals to connect the current clamps supplied
- sliding contact to connect the module to the following module on the DIN rail
- dimensions: DIN 4U
- CE marked
- ambient temperature: 0 – +45 °C

COMPLETE UNIT

550-00803 Pieces: 10 Electricity measuring module (3 channels), 3 current clamps 63 A included

ACCESSORY

550-00809 Pieces: 1 Current clamp 120 A

Pulse counter

The pulse counter allows you to monitor gas, water and electricity consumption or electricity production. The module has three pulse inputs and can be connected to up to three meters. You connect the module to the pulse output of a gas, water or electricity meter. Only one gas meter and one water meter can be connected to each installation. The scale factor of the pulses (e.g. 1 pulse = 10 litres) and the meter type (gas, water or electricity) can be selected via the programming software. The consumption and, if necessary, also the production will appear on the eco-display. Using the touchscreen or control app, residents can easily monitor their consumption or production and detect deviations. The module is provided with one indication LED and one status LED.
For a newly constructed dwelling, you can ask the building supervisor to request a gas or water meter with pulse output from the energy supplier.

- maximum pulse frequency per input: 10 Hz
- minimum pulse duration: 30 ms
- only for meters with a pulse output isolated from the mains in accordance with SELV (safety extra-low voltage) requirements
- measuring data for informative purposes only, not valid for invoicing
- 4 screw terminals for 3 x 1.5 mm² or 2 x 2.5 mm² or 1 x 4 mm²
- sliding contact to connect the module to the following module on the DIN rail
- dimensions: DIN 2U
- CE marked
- ambient temperature: 0 – +45 °C

COMPLETE UNIT

550-00250 Pieces: 10 Pulse counter

Heating or cooling module

The heating or cooling module controls the heating or cooling in maximum four zones or rooms. Each zone or room should be equipped with a Niko Home Control thermostat. The module has four outputs to control zone valves (e.g. zone valves at 230 Vac or 24 Vdc) or circulation pumps in four zones or rooms, and one output to set the heating or cooling system to the day or night mode (depending on the heating or cooling request of one of the zones or rooms) Most boilers or cooling units are fitted with an input contact (e.g. a telephone or boiler contact) for this purpose. The module is provided with five indication LEDs and one status LED. Bistable relays ensure low energy consumption. You contact the HVAC installer to have the heating or cooling system fitted with zone valves (e.g. zone valves at 230 Vac or 24 Vdc on the heating collector or radiator) or tunable circulation pumps and to verify the contact of the heating or cooling unit to which the system should be connected.

- maximum current per module: 16 A
- screw terminals for controlling 4 zone valves or circulation pumps at 230 Vac or 24 Vdc (do not mix per module)
- 2 x 7 screw terminals for 3 x 1.5 mm^2 or 2 x 2.5 mm^2 or 1 x 4 mm^2
- dimensions: DIN 4E
- sliding contact to connect the module to the following module on the DIN rail
- CE marked
- ambient temperature: 0 – +45 °C

COMPLETE UNIT

550-00150 Pieces: 6 Heating or cooling module

Ventilation module

The ventilation module controls the central ventilation system via the Niko Home Control installation. The module is suitable for use with whole house ventilation systems (mechanical extract ventilation or mechanical supply and extract ventilation with heat recovery). You connect the ventilation system to this module, instead of connecting it to the three- or four-way switch supplied with the system. The programming software allows you to select when and for how long the ventilation should remain activated for each setting, i.e. low (eco), normal or high. The resident can considerably save energy while maintaining optimum air quality by incorporating the ventilation control in the eco-function (all off) or calendar-based functions, for instance. The module includes three indication LEDs and one status LED. Bistable relays ensure low energy consumption.

- compatible with the Niko Home Control solar mode
- suitable for the two-wire or three-wire control of a ventilation unit
- switch only one phase per ventilation module
- maximum load: 230 Vac – 16 A per channel
- screw terminals to control 3 settings: low (eco), normal or high
- 2 x 4 screw terminals for 3 x 1.5 mm^2 or 2 x 2.5 mm^2 or 1 x 4 mm^2
- dimensions: DIN 2U
- sliding contact to connect the module to the following module on the DIN rail
- CE marked
- ambient temperature: 0 – +45 °C

COMPLETE UNIT

550-00140 Pieces: 10 Ventilation module

Analogue control module 0-10 V

Up to three high-power dimmers can be connected to the Niko Home Control installation using the analogue control module 0-10 V. Useful Niko reference codes: 05-711, 05-715, 65-410 and 330-00701.

- 3 outputs: 0 - 10 V (FELV, functional extra-low voltage), voltage-controlled (U)
- maximum distance between dimmers and module: 50 m
- maximum load: 10 mA per channel
- short-circuit protection per channel
- 4 screw terminals for 3 x 1.5 mm^2 or 2 x 2.5 mm^2 or 1 x 4 mm^2
- dimensions: DIN 2U
- sliding contact to connect the module to the following module on the DIN rail
- ambient temperature: 0 – +45 °C
- CE marked

COMPLETE UNIT

550-00240 Pieces: 10 Analogue control module 0-10 V

Analogue control module 1-10 V

Up to three dimmers and/or switching devices can be connected to the Niko Home Control installation using the analogue control module 1-10 V:
- dimmers with an analogue input of 1-10 V for dimming monochrome LEDs.
- electronic control gear for fluorescent lights.
- high-power dimmers with an analogue input of 1-10 V.

Useful Niko reference codes: 05-715, 65-410, 340-00028, 340-00029 and 330-00701.

- 3 outputs: 1 - 10 V (FELV, functional extra-low voltage), current-controlled (I)
- option of connecting 3 individual phases
- maximum distance between dimmers and module: 50 m
- maximum load: 20 mA per channel, protected from 50 mA per channel and maximum 11 V
- galvanic isolation when connecting the power circuit (6 A per channel)
- 2 x 6 screw terminals for 3 x 1.5 mm² or 2 x 2.5 mm² or 1 x 4 mm²
- dimensions: DIN 4U
- sliding contact to connect the module to the following module on the DIN rail
- ambient temperature: 0 – +45 °C
- CE marked

COMPLETE UNIT

550-00241 Pieces: 6 Analogue control module 1-10 V

Digital potential-free sensor module

The digital potential-free sensor module allows you to connect maximum three sensors equipped with an NO contact or an NPN transistor output to the Niko Home Control installation. The connected sensors should be suitable for applications with safety extra-low voltage (SELV). Typical applications include twilight switches, smoke detectors, motion detectors, door communication systems or contacts used in locks, telephone interfaces and alarm installations.

- maximum distance between sensors and sensor module: 50 m
- 4 screw terminals for 3 x 1.5 mm² or 2 x 2.5 mm² or 1 x 4 mm²
- dimensions: DIN 2U
- sliding contact to connect the module to the following module on the DIN rail
- ambient temperature: 0 – +45 °C
- CE marked

COMPLETE UNIT

550-00210 Pieces: 10 Digital potential-free sensor module

Analogue sensor module

The analogue sensor module allows you to connect three external analogue sensors with an output of 0-10 V to the Niko Home Control installation. These sensors must be suitable for applications with a safety extra-low voltage (SELV), such as sensors for measuring sunlight, wind, rain, CO 2 , humidity, or temperature. In function of the values measured, applications such as sunblinds, roll-down shutters, and lights can be operated automatically.

- a maximum of 10 analogue sensor modules per installation
- maximum distance between sensors and sensor module: 100 m
- 4 screw terminals for 3 x 1.5 mm² or 2 x 2.5 mm² or 1 x 4 mm²
- dimensions: DIN 2U
- sliding contact to connect the module to the following module on the DIN rail
- ambient temperature: 0 – +45 °C
- CE marked

COMPLETE UNIT

550-00230 Pieces: 10 Analogue sensor module

USB RF interface

NEW

The USB RF interface makes it possible to use Niko wireless Easywave controls (with the exception of the remote control 05-312) in the Niko Home Control installation for bus cabling.

This allows wireless controls to be installed:
- on surfaces unsuited to cabling (e.g. glass or concrete partitions)
- for the renovation of heritage-listed buildings
- for expansions of existing installations where drilling or channelling work is not permitted
- in office areas with movable partition walls
- when complex cabling is to be avoided.

The interface is shaped like a USB stick and can be connected to the connected controller (550-0000x) in the electrical cabinet, using the provided extension cable (3 m). The end of the extension cable is fitted with an assembly ring allowing the antennae to be attached to the outside of the electrical cabinet for optimal reception.

- one USB RF interface per installation
- for use with USB extension cable (3 m) provided
- input voltage: via USB port
- modulation: frequency shift
- usage frequency: 868.30 Mhz
- communication protocol: Easywave
- maximum radio frequency power of the Easywave signal: 5.85 dBm
- transmission range: max. 30 m indoors, 100 m in open spaces
- ambient temperature: 0 – +40 °C

COMPLETE UNIT

410-00099	Pieces: 10	Complete unit

HVAC interface (coolmaster)

The HVAC interface (CoolMaster) controls a VRV, VRF or multi-split air conditioning system (HVAC system) via the Niko Home Control installation. Several zones or rooms can be connected to the HVAC interface. Each zone or room must be fitted with a Niko Home Control HVAC thermostat. The HVAC interface is equipped with a serial connection port that you must connect to the Niko Home Control Gateway using the cables provided. There is also a connector used to connect the HVAC bus of the HVAC system. The display on the HVAC interface provides extra information about the indoor units that are connected. In order to be able to program the zones or rooms, you need the correct addresses of the indoor units on the HVAC bus. Different HVAC interfaces are available for different HVAC systems. Contact your HVAC installer. At www.niko.eu (Applications > Niko Home Control), you will find more information about the supported HVAC systems.

- power supply voltage: 9 - 24 Vdc
- installation method: wall mounting or DIN rail mounting
- operating conditions:
  - ambient temperature: 0 – +45 °C
  - humidity: less than 85% relative humidity
- dimensions: 30 x 115 x 60 mm (HxWxD)
- weight: 300 g
- maximum number of indoor units and outdoor units: depending on the manufacturer
- maximum length of the RS232 cable: 25 m
- CE marked

COMPLETE UNIT

550-00551	Pieces: 1	HVAC interface (CoolMaster) for Daikin VRV
550-00552	Pieces: 1	HVAC interface (CoolMaster) for Sanyo VRF
550-00553	Pieces: 1	HVAC interface (CoolMaster) for Toshiba VRF
550-00554	Pieces: 1	HVAC interface (CoolMaster) for Mitsubishi Electric VRF
550-00556	Pieces: 1	HVAC interface (CoolMaster) for LG VRF
550-00557	Pieces: 1	HVAC interface (CoolMaster) for Fujitsu VRF
550-00558	Pieces: 1	HVAC interface (CoolMaster) for Mitsubishi Heavy VRF
550-00559	Pieces: 1	HVAC interface (CoolMaster) for Hitachi VRF

11:58
Light kitchen table
Dinner
Shutter living room
Living room
21.5
15.5
Thermostat
Hall light
Shutter second sleepi..
Alarm garden..
Off
Favourites
Control
Energy
Access

Software and apps for bus wiring

No matter the type of cabling you choose: you only need one programming software. It means you don't have to worry about whether you have the right software.

ADVANTAGES

Easy to program

- intuitive design and user-friendly interface
- graphic visual representation of the installation
- upload a floor plan in no time
- wizards help you with advanced programming
- your client can do simple adjustments him/herself without touching the program
- the installation itself saves a back-up of the file
- look for our extended software manual at https://guide.niko.eu

Easy to use

- user-friendly app for iOS and Android
- free to download from the app or play store
- clear overview of the controls
- your client can setup the dashboard as they like and can make small modifications in their configuration
- all in one: control, access control and energy monitoring

Programming software Niko Home Control II

Software for programming Niko Home Control installations for bus or traditional wiring. The software is user-friendly, intuitive and visually structured. The software can be downloaded free of charge from the Niko website. The software is available for Windows and Mac.

Do you want to upgrade an existing Niko Home Control I installation with this software? Please read our FAQ on the website before upgrading.

NIKO HOME CONTROL II PROGRAMMING SOFTWARE

550-99102	Pieces: 1	Programming software for Windows
550-99202	Pieces: 1	Programming software for Mac

Configuration and control app Niko Home

Set up and control your Niko Home Control installation for traditional wiring in a user-friendly way or use this app to control your Niko Home Control installation for bus wiring.

Your Niko Home Control installation needs to contain a wireless smart hub (552-00001) or connected controller (550-00003) and has to be connected to the internet. The installation needs to be running Niko Home Control II programming software 2.5.1 (or more recent). You can download the app for free from the app store or google play store.

Features:
- Set up, configure and control your Niko Home Control installation on traditional wiring
- Control your Niko Home Control installation on bus wiring
- Add your favourite controls to your Favourites screen.
- Receive preconfigured notifications from your installation.

NIKO HOME APP

550-92140	Pieces: 1	Niko Home app for iOS
550-92240	Pieces: 1	Niko Home app for Android

Controls for traditional wiring

With Niko Home Control for traditional wiring, you can easily introduce home automation to every home, even existing homes that are renovated without drilling or channelling.

ADVANTAGES

Easy to install

- a solution for every home, independent of the type of cabling
- compatible with standard flush-mounted boxes
- add additional controls without drilling and channelling thanks to wireless switches

Easy to program

- familiar Niko Home Control programming software
- the wireless smart hub contains your programming files
- advanced configuration possible

Easy to integrate

- integration possible with the smart systems of our partner brands (such as Sonos, Bose, Renson, Vaillant, NIBE, Bulex, Saunier Duval, Mitsubishi Electric)
- compatible with the Niko Home Control external video unit
- available in all Niko finishings

Easy to use

- standard functions work without programming
- central control via touchscreen and Niko Home app for smartphone
- the Digital black allows you to combine 12 controls in 1 control display

works with the Google Assistant · JUST ASK alexa · Works with IFTTT

SONOS · BOSE Better sound through research. · DUCO Ventilation & Sun Control · RENSON Creating healthy spaces · SMA

Vaillant · Bulex · Saunier Duval · NIBE · MITSUBISHI ELECTRIC · DAIKIN · Aldes · Danfoss · protherm

Offer may vary by location. Please check with your local reseller for a complete list of compatible partner systems.

NEW

Digital black, connected customisable control screen, 230 V

The Digital black is a completely customisable touchscreen which has an extremely user-friendly interface with clear symbols. The screen is automatically activated when your hand comes near. When there is no Niko Home Control installation available, the built-in switching contact can be controlled via the touchscreen or an N.O. push button extension (170-00005). When the connection to a Niko Home Control installation has been made, it becomes possible to switch or dim your lights, set moods, set ventilation modes, adjust blinds and sunblinds to the desired position, in one operation. In short, all possible types of controls are available in your Niko Home Control installation. Do you have a Niko Home Control thermostat (550-1305x) or an active connection with one of our heating partners? Then you can easily set the temperature with the Digital black. With the corresponding Niko Home app not only can you choose which controls are displayed or where they are displayed on the screen, but also the way you navigate through your control screens. You can download this app for free in the respective app store for your mobile device.

The Digital black can be easily mounted in any standard flush-mounting box using the familiar claw or screw fixing and is powered on 230 V AC (L- + N-wire required). This 230 V AC variant is equipped with a switching contact 10 A (resistive), meaning that it can easily be replaced with a conventional single-pole switch. In combination with the wireless smart hub for Niko Home Control (552-00001) and additional controls from the Niko Home Control range for traditional wiring, you can easily add automation to your conventional installation.

The screen communicates via your wireless home network with the rest of your Niko Home Control system. You need an active internet connection to activate the Digital black. This internet connection ensures that your Digital black and Niko Home Control installation are always up-to-date and have the most recent functionalities.

- recommended mounting height: 110 - 160 cm
- power supply voltage: 230 V AC ± 10 %, 50 Hz (L- + N-wire required)
- Wi-Fi: 2.4 GHz bgn (HT20)
- ambient temperature: 0 – +40 °C
- proximity sensor: 0 – 30 cm
- light sensor for automatic adjustment of the screen intensity
- Maximum number of Digital blacks per installation: 20
- screen size: 3.6”
- screen resolution: 1024 x 768 pixels
- display dimensions: 83 x 83 x 11.3 mm (HxWxD)
- dimensions flush-mounting mechanism: 75 x 70 x 31.5 mm (HxWxD)
- protection degree: IP40
- CE marked

10 A
250 Vac

COMPLETE UNIT

551-18000	Pieces: 1	With screw terminals and claw fixing
551-18001	Pieces: 1	With screw terminals and screw fixing

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Connected single switch, 10 A

The connected single switch has a switching contact to switch lighting. It contains a transmitter and receiver that can communicate wirelessly with the wireless smart hub for Niko Home Control.
You can use the connected single switch to replace a conventional switch. It is equipped with an extension terminal so that, in combination with a conventional push button, it can easily replace multiway or intermediate switching.
The connected single switch can switch its own contact.
Once connected to the wireless smart hub for Niko Home Control, it is possible to configure additional functionalities with the Niko Home Control programming software. For example, you can add the switch to a mood or all-off function.
It is possible to disconnect the control from its built-in contact. That way, you have complete flexibility to configure the switching contact and the controls separately via the programming software.

- power supply: 230 Vac (L- + N-wire required)
- max. load per channel: 10 A
- communication protocol: Easywave #
- mounting method: wall mounting
- mounting height: 110 - 120 cm
- modification of settings: Niko Home Control programming software (requires smart hub 552-00001)
- maximum range (from switch to smart hub): 30 m
- operating frequency: 869.05 Mhz
- maximum frequency power: 6 dBm
- LED colour: white
- protection degree: IP20
- flush-mounting depth: 40 mm
- ambient temperature: 0 – +40 °C
- marking: CE

BASE

551-72101 Pieces: 6 For claw fixing

551-72111 Pieces: 6 For screw fixing (centre distance: 71 mm)

551-72121 Pieces: 6 For screw fixing

FINISHING SET WITH LENS, FOR CONNECTED SINGLE SWITCH, SYMBOL "LEAVING THE HOUSE",

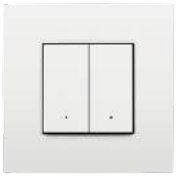
100-32902 Pieces: 10	**101-32902** Pieces: 10	**102-32902** Pieces: 10
104-32902 Pieces: 10	**121-32902** Pieces: 10	**122-32902** Pieces: 10
123-32902 Pieces: 10	**124-32902** Pieces: 10	**154-32902** Pieces: 10
157-32902 Pieces: 10	**161-32902** Pieces: 10	**200-32902** Pieces: 10
220-32902 Pieces: 10	**221-32902** Pieces: 10	

FINISHING SET WITH LENS

100-32002 Pieces: 10	**101-32002** Pieces: 10	**102-32002** Pieces: 10
104-32002 Pieces: 10	**121-32002** Pieces: 10	**122-32002** Pieces: 10
123-32002 Pieces: 10	**124-32002** Pieces: 10	**154-32002** Pieces: 10
157-32002 Pieces: 10	**161-32002** Pieces: 10	**200-32002** Pieces: 10
220-32002 Pieces: 10	**221-32002** Pieces: 10	

FINISHING SET

100-31002 Pieces: 10	**101-31002** Pieces: 10	**102-31002** Pieces: 10
104-31002 Pieces: 10	**121-31002** Pieces: 10	**122-31002** Pieces: 10
123-31002 Pieces: 10	**124-31002** Pieces: 10	**154-31002** Pieces: 10
157-31002 Pieces: 10	**161-31002** Pieces: 10	**200-31002** Pieces: 10
220-31002 Pieces: 10	**221-31002** Pieces: 10	



Connected double switch, 2 x 10 A (total max. 16 A)

The connected double switch has a switching contact to switch lighting. It contains a transmitter and receiver that can communicate wirelessly with the wireless smart hub for Niko Home Control.
You can use the connected double switch to replace a conventional switch. It is equipped with an extension terminal so that, in combination with a conventional push button, it can easily replace multiway or intermediate switching.
The connected double switch can switch its own contact.
Once the wireless smart hub for Niko Home Control has been added, it is possible to configure additional functionalities with the Niko Home Control programming software. That way, it is possible to connect these in a mood or all-off function and much more.
It is possible to disconnect the control from its built-in contact. That way, you have complete flexibility to configure the switching contact and the controls separately via the programming software.

- power supply: 230 Vac (L- + N-wire required)
- max. load per channel: 10 A
- max. load both channels: 16 A
- communication protocol: Easywave #
- mounting method: wall mounting
- mounting height: 110 - 120 cm
- modification of settings: Niko Home Control programming software (requires smart hub 552-00001)
- maximum range (from switch to smart hub): 30 m
- operating frequency: 869.05 Mhz
- maximum frequency power: 6 dBm
- LED colour: white
- protection degree: IP20
- flush-mounting depth: 40 mm
- ambient temperature: 0 – +40 °C
- marking: CE

BASE

551-72102 Pieces: 6 For claw fixing

551-72112 Pieces: 6 For screw fixing (centre distance: 71 mm)

551-72122 Pieces: 6 For screw fixing

FINISHING SET WITH LENS

100-32004 Pieces: 10
104-32004 Pieces: 10
123-32004 Pieces: 10
157-32004 Pieces: 10
220-32004 Pieces: 10
101-32004 Pieces: 10
121-32004 Pieces: 10
124-32004 Pieces: 10
161-32004 Pieces: 10
221-32004 Pieces: 10
102-32004 Pieces: 10
122-32004 Pieces: 10
154-32004 Pieces: 10
200-32004 Pieces: 10

FINISHING SET

100-31004 Pieces: 10
104-31004 Pieces: 10
123-31004 Pieces: 10
157-31004 Pieces: 10
220-31004 Pieces: 10
101-31004 Pieces: 10
121-31004 Pieces: 10
124-31004 Pieces: 10
161-31004 Pieces: 10
221-31004 Pieces: 10
102-31004 Pieces: 10
122-31004 Pieces: 10
154-31004 Pieces: 10
200-31004 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Connected dimmer, 3 - 200 W, 2-wire

The connected dimmer contains a dimmer contact to control the lighting. It contains a transmitter and receiver that communicate wirelessly with the wireless smart hub for Niko Home Control.
You can use the connected dimmer to replace a conventional switch. It is equipped with an extension terminal so that, in combination with a conventional push button, it can easily replace multiway or intermediate switching.
The connected dimmer can switch its own contact.
With the addition of the wireless smart hub for Niko Home Control, it is possible to configure additional functionalities with the Niko Home Control programming software. For example, it becomes possible to add it to a mood or all-off function.
It is possible to disconnect the control from its built-in contact. That way, you have complete flexibility to configure the switching contact and the controls separately via the programming software.

- Power supply: 230 Vac (only L-wire required)
- Communication protocol: Easywave #
- Mounting method: wall mounting
- Mounting height: 110 - 120 cm
- Modification of settings: Niko Home Control programming software (requires smart hub 552-00001)
- Maximum range (from switch to smart hub): 30 m
- Operating frequency: 869.05 Mhz
- Maximum frequency power: 6 dBm
- Load: 3 - 200 W
- LED colour: white
- Protection degree: IP20
- Flush-mounting depth: 40 mm
- Marking: CE

BASE

551-72201 Pieces: 6 For claw fixing

551-72211 Pieces: 6 For screw fixing (centre distance: 71 mm)

551-72221 Pieces: 6 For screw fixing

FINISHING SET WITH LENS

100-32002 Pieces: 10
104-32002 Pieces: 10
123-32002 Pieces: 10
157-32002 Pieces: 10
220-32002 Pieces: 10
101-32002 Pieces: 10
121-32002 Pieces: 10
124-32002 Pieces: 10
161-32002 Pieces: 10
221-32002 Pieces: 10
102-32002 Pieces: 10
122-32002 Pieces: 10
154-32002 Pieces: 10
200-32002 Pieces: 10

FINISHING SET

100-31002 Pieces: 10
104-31002 Pieces: 10
123-31002 Pieces: 10
157-31002 Pieces: 10
220-31002 Pieces: 10
101-31002 Pieces: 10
121-31002 Pieces: 10
124-31002 Pieces: 10
161-31002 Pieces: 10
221-31002 Pieces: 10
102-31002 Pieces: 10
122-31002 Pieces: 10
154-31002 Pieces: 10
200-31002 Pieces: 10

Connected motor control, 2 x 3 A

The connected motor control contains a switching contact to control a 230 V motor. It contains a transmitter and receiver that communicate wirelessly with the wireless smart hub for Niko Home Control.
You can use the connected motor control to replace a conventional motor control.
The connected motor control can switch its own contacts.
With the addition of the wireless smart hub for Niko Home Control, it is possible to configure additional functionalities with the Niko Home Control programming software. For example, it becomes possible to add it to a mood or all-off function.

- power supply: 230 Vac (L- + N wire required)
- communication protocol: Easywave #
- mounting method: wall mounting
- mounting height: 110 - 120 cm
- modification of settings: Niko Home Control programming software (requires smart hub 552-00001)
- maximum range (from switch to smart hub): 30 m
- operating frequency: 869.05 Mhz
- maximum frequency power: 6 dBm
- LED colour: white
- protection degree: IP20
- flush-mounting depth: 40 mm
- ambient temperature: 0 – +40 °C
- marking: CE

BASE

551-72301 Pieces: 6 For claw fixing

551-72311 Pieces: 6 For screw fixing (centre distance: 71 mm)

551-72321 Pieces: 6 For screw fixing

FINISHING SET

100-31006 Pieces: 10
104-31006 Pieces: 10
123-31006 Pieces: 10
157-31006 Pieces: 10
220-31006 Pieces: 10

101-31006 Pieces: 10
121-31006 Pieces: 10
124-31006 Pieces: 10
161-31006 Pieces: 10
221-31006 Pieces: 10

102-31006 Pieces: 10
122-31006 Pieces: 10
154-31006 Pieces: 10
200-31006 Pieces: 10

FINISHING SET WITH LENS

100-32006 Pieces: 10
104-32006 Pieces: 10
123-32006 Pieces: 10
157-32006 Pieces: 10
220-32006 Pieces: 10

101-32006 Pieces: 10
121-32006 Pieces: 10
124-32006 Pieces: 10
161-32006 Pieces: 10
221-32006 Pieces: 10

102-32006 Pieces: 10
122-32006 Pieces: 10
154-32006 Pieces: 10
200-32006 Pieces: 10

Wireless smart hub for Niko Home Control

The wireless smart hub for Niko Home Control is the brain of the installation. It allows you to connect all connected devices in your installation to the system. Once you have added them, you can easily control them with your smartphone. With the programming software, you can also add extensive functionalities such as moods, all-off actions or presence simulation. The smart hub always needs to be used in combination with the Niko Home Control programming software.

- fitted with a LED indicating the correct functioning of the device
- dimensions (HxWxD): 124 x 124 x 30 mm
- maximum consumption: 6 W
- input voltage: 5 V via micro USB port (power adapter supplied)
- RJ45 port, 100 Mbit WAN port, SMR P1 port (smart meter (P1 RJ12) cable supplied)
- Ethernet cable supplied
- ambient temperature: 0 – +45 °C
- protection degree: IP20
- mounting: can be positioned horizontally, or mounted vertically on the wall
- communication protocols: Wi-Fi protocol 2.4 Ghz, , Zigbee®, Easywave #, Easywave
- internet connection via UTP or Wi-Fi
- compatible with the Dutch smart meter (SMR 2.2, 3,4 and 5)
- compatible with the Belgian digital meter (Fluvius, Ores, Sibelga)

COMPLETE DEVICE

552-00001 Pieces: 1 Wireless smart hub

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Wireless motion detector, Zigbee®

The wireless motion detector can be used to control other switching contacts. For example, when motion is detected, you can control the contact of another connectable switch, dimmer or motor control.
Since the motion detector is powered by a button battery and is supplied with a self-adhesive mounting plate, it can be easily attached anywhere.
This motion detector can only be used in combination with the wireless smart hub for Niko Home Control (552-00001). This makes it possible to configure additional functionalities with the Niko Home Control programming software.

- maximum range open field (detector to smart hub): 30 m
- maximum range indoor (detector to smart hub): 10 m
- communication protocol: Zigbee® 3.0
- operating frequency: 2.4 Ghz
- input voltage: battery CR2450
- ambient temperature: 0 – +40 °C
- mounting method: surface mounting
- mounting height: 2.5 – 2.8 m
- Detection angle: 110°
- Detection range (PIR): up to 5 m from a height of 2.5 m
- dimensions (HxWxD): 51 x 51 x 34 mm
- weight: 69 g
- maximum radio frequency power: 7 dBm
- detector settings: Niko Home Control programming software
- protection degree: IP20

COMPLETE UNIT

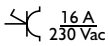
552-80401 Pieces: 24 Detector

Connected switching socket outlet for Niko Home Control with pin earthing and shutters, Zigbee®

NEW

With this connected switching socket outlet with built-in consumption measurement, you choose extra comfort, peace of mind and energy awareness. The socket outlet can be perfectly installed in all new construction projects and can also easily replace an existing socket outlet in renovation projects (provided that appropriate wall mounting boxes are present) without adapting the wiring or circuit breakers.
You connect the socket outlet without additional wiring with a wireless switch and the wireless smart hub (552-00001) for Niko Home Control. That way you have full control over your socket outlets and you can easily create useful new functionalities, including all-off or all-on and panic functions, routines, calendar and scheduling functions, remote control via the app, insight in your energy consumption, consumption warnings on your smartphone, starting automatic actions when a consumption energy level is exceeded ...

- base for flush-mounting: flush-mounting depth 32.4 mm
- connection: plug-in terminals (3 x 2 x 2.5 mm²) with unlocking system
- input voltage: 230 Vac ± 10 %, 50 Hz
- standby consumption: 0.15 W
- ambient temperature: 0 – +40 °C
- protection degree: IP20-D
- marking: CE marked
- quality mark: CEBEC, NF
- maximum load: 16 A / 3680 W
- internal overcurrent protection: switches off at > 16 A
- internal overheating protection
- communication protocol: Zigbee® 3.0, 2.4 GHz
- Button on the device to switch the phase (L) on and off locally
- LED indicator for status and error information
- measuring precision: ± 0.5 W (1 - 5 W), ± 5 % (5 - 3680 W). Valid for a normal voltage (230 Vac). This device should not be used for billing purposes. The data recorded by this device should be used for information purposes only.
- maximum per Niko Home Control installation: 25



BASE

170-33505 Pieces: 10 With plug-in terminals, for claw fixing

170-33605 Pieces: 10 With plug-in terminals, for screw fixing

FINISHING SET

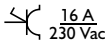
100-66630 Pieces: 10	**101-66630** Pieces: 10	**102-66630** Pieces: 10
104-66630 Pieces: 10	**121-66630** Pieces: 10	**122-66630** Pieces: 10
123-66630 Pieces: 10	**124-66630** Pieces: 10	**154-66630** Pieces: 10
157-66630 Pieces: 10	**161-66630** Pieces: 10	**200-66630** Pieces: 10
220-66630 Pieces: 10	**221-66630** Pieces: 10	

NEW

Connected switching socket outlet for Niko Home Control with side earthing and shutters, Zigbee®

With this connected switching socket outlet with built-in consumption measurement, you choose extra comfort, peace of mind and energy awareness. The socket outlet can be perfectly installed in all new construction projects and can also easily replace an existing socket outlet in renovation projects (provided that appropriate wall mounting boxes are present) without adapting the wiring or circuit breakers.
You connect the socket outlet without additional wiring with a wireless switch and the wireless smart hub (552-00001) for Niko Home Control. That way you have full control over your socket outlets and you can easily create useful new functionalities, including all-off or all-on and panic functions, routines, calendar and scheduling functions, remote control via the app, insight in your energy consumption, consumption warnings on your smartphone, starting automatic actions when a consumption energy level is exceeded ...

- flush-mounting depth: 35.5 mm
- connection: plug-in terminals (3 x 2 x 2.5 mm²) with unlocking system
- suitable for standard flush-mounting boxes (min. depth: 50 mm)
- input voltage: 230 Vac ± 10 %, 50 Hz
- standby consumption: 0.15 W
- ambient temperature: 0 - 40 °C
- protection degree: IP20-D
- marking: CE marked
- maximum load: 16 A / 3680 W
- internal overcurrent protection: switches off at > 16 A
- internal overheating protection
- communication protocol: Zigbee® 3.0, 2.4 GHz
- Button on the device to switch the phase (L) on and off locally
- LED indicator for status and error information
- measuring precision: ± 0,5 W (1 - 5W), ± 5 % (5 - 3680 W). Valid for a normal voltage (230 Vac). This device should not be used for billing purposes. The data recorded by this device should be used for information purposes only.
- maximum per Niko Home Control installation: 25



BASE

170-34505 Pieces: 10 With plug-in terminals, for claw fixing

170-34605 Pieces: 10 With plug-in terminals, for screw fixing

FINISHING SET

100-66930	Pieces: 10	**101-66930**	Pieces: 10	**102-66930**	Pieces: 10
104-66930	Pieces: 10	**121-66930**	Pieces: 10	**122-66930**	Pieces: 10
123-66930	Pieces: 10	**124-66930**	Pieces: 10	**154-66930**	Pieces: 10
157-66930	Pieces: 10	**161-66930**	Pieces: 10	**200-66930**	Pieces: 10
220-66930	Pieces: 10	**221-66930**	Pieces: 10		

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Smart plug with pin earthing, Zigbee®

NEW

Use the smart plug to switch any plugged-in device on and off and to measure its energy consumption. Once the smart plug has been inserted into a wall-mounted socket outlet, you can switch the plugged-in device on and off locally using the button on the plug. To benefit from all the smart functionalities Niko Home Control has to offer such as smartphone control inside and outside the home (e.g. in an all-off function or solar mode) and to monitor your energy consumption, you can wirelessly connect the smart plug to the separately available wireless smart hub for Niko Home Control (552-00001). The easy way of connecting the smart plug makes it possible to move the plug around in your house to discover the energy consumption of multiple appliances with just one smart plug.

- dimensions (HxWxD): 60 x 60 x 80 mm
- input voltage: 230 Vac ± 10 %, 50 Hz
- standby consumption: ≤ 0.5 W
- protection degree: IP20-D
- marking: CE marked
- maximum load: 16 A / 3680 W
- ambient temperature: 0 – +35 °C
- internal overcurrent protection: switches off at > 16 A
- communication protocol: Zigbee® 3.0, 2.4 GHz
- maximum range: 20 m indoor depending on building materials
- LED indicator for status and error information
- measuring precision: ± 0.5 W (1 - 5 W), ± 5 % (5 - 3680 W). This device should not be used for billing purposes. The data recorded by this device should be used for information purposes only
- maximum frequency power: 10 dBM
- maximum per Niko Home Control installation: 25 Zigbee® devices
- all plastic components are self-extinguishing (comply with a filament test of 650 °C) and are halogen-free.
- not suitable for electric vehicle charging nor frequent switching of heavy loads (e.g. motors or electrical heating devices without an integrated thermostat).
- system compatibility: Zigbee® 3.0, Niko Home Control II
- modification of settings: Configuration and control app Niko Home OR Niko Home Control programming software
- weight: 118 g

COMPLETE UNIT

552-80699 Pieces: 2 Smart plug with pin earthing, Zigbee®

Smart plug with side earthing, Zigbee®

NEW

Use the smart plug to switch any plugged-in device on and off and to measure its energy consumption. Once the smart plug has been inserted into a wall-mounted socket outlet, you can switch the plugged-in device on and off locally using the button on the plug. To benefit from all the smart functionalities Niko Home Control has to offer such as smartphone control inside and outside the home (e.g. in an all-off function or solar mode) and to monitor your energy consumption, you can wirelessly connect the smart plug to the separately available wireless smart hub for Niko Home Control (552-00001). The easy way of connecting the smart plug makes it possible to move the plug around in your house to discover the energy consumption of multiple appliances with just one smart plug.

- dimensions (HxWxD): 60 x 60 x 84 mm
- input voltage: 230 Vac ± 10 %, 50 Hz
- standby consumption: ≤ 0.5 W
- protection degree: IP20-D
- marking: CE marked
- maximum load: 16 A / 3680 W
- ambient temperature: 0 – +35 °C
- internal overcurrent protection: switches off at > 16 A
- communication protocol: Zigbee® 3.0, 2.4 GHz
- maximum range: 20 m depending on building materials
- LED indicator for status and error information
- measuring precision: ± 0.5 W (1 - 5 W), ± 5 % (5 - 3680 W). This device should not be used for billing purposes. The data recorded by this device should be used for information purposes only
- maximum frequency power: 5 dBM
- maximum per Niko Home Control installation: 25 Zigbee® devices
- all plastic components are self-extinguishing (comply with a filament test of 650 °C) and are halogen-free.
- not suitable for electric vehicle charging nor frequent switching of heavy loads (e.g. motors or electrical heating devices without an integrated thermostat).
- system compatibility: Zigbee® 3.0, Niko Home Control II
- modification of settings: Configuration and control app Niko Home OR Niko Home Control programming software
- weight: 125 g

COMPLETE UNIT

552-80698 Pieces: 2 Smart plug with side earthing, Zigbee®

Wireless switch with two buttons

This wireless switch with two buttons can be used by a wireless receiver from the Easywave range. It can be used as one dual-button control (upper=on, lower=off), or as two one-button controls (toggle on/off or pulse). The switch can also be used in the Niko Home Control installation for bus wiring in combination with the USB RF interface Easywave (410-00099) for Niko Home Control or in the Niko Home Control installation for traditional wiring in combination with the wireless smart hub (552-00001).

- power supply: battery (supplied), type CR2430
- transmission range: max. 30 m indoors, 100 m in open spaces
- mounting: with the supplied screws or adhesive strips or (option) with a metal base on a standard flush-mounting box
- communication protocol: Easywave

BASE

410-00001 Pieces: 6 With plastic mounting frame and battery

ACCESSORY

450-00067 Pieces: 20 Set of claws for wall-mounted printed circuit board

BASE FOR MOUNTING ON THE FLUSH-MOUNTING BOX

410-00021 Pieces: 10 For claw fixing (transmission range +- 25 m indoors)

410-00022 Pieces: 6 For screw fixing (transmission range +- 25 m indoors)

SIMPLE KEY

100-00001	Pieces: 10	**101-00001**	Pieces: 10	**102-00001**	Pieces: 10
104-00001	Pieces: 10	**121-00001**	Pieces: 10	**122-00001**	Pieces: 10
123-00001	Pieces: 10	**124-00001**	Pieces: 10	**154-00001**	Pieces: 10
157-00001	Pieces: 10	**161-00001**	Pieces: 10	**200-00001**	Pieces: 10
220-00001	Pieces: 10	**221-00001**	Pieces: 10		

SIMPLE KEY WITH I AND 0

100-00002	Pieces: 10	**101-00002**	Pieces: 10	**102-00002**	Pieces: 10
104-00002	Pieces: 10	**121-00002**	Pieces: 10	**122-00002**	Pieces: 10
123-00002	Pieces: 10	**124-00002**	Pieces: 10	**154-00002**	Pieces: 10
157-00002	Pieces: 10	**161-00002**	Pieces: 10	**200-00002**	Pieces: 10
220-00002	Pieces: 10	**221-00002**	Pieces: 10		

SIMPLE KEY WITH 'UP' AND 'DOWN'

100-00004	Pieces: 10	**101-00004**	Pieces: 10	**102-00004**	Pieces: 10
104-00004	Pieces: 10	**121-00004**	Pieces: 10	**122-00004**	Pieces: 10
123-00004	Pieces: 10	**124-00004**	Pieces: 10	**154-00004**	Pieces: 10
157-00004	Pieces: 10	**161-00004**	Pieces: 10	**200-00004**	Pieces: 10
220-00004	Pieces: 10	**221-00004**	Pieces: 10		

SIMPLE KEY WITH TEXT FIELD

100-00006	Pieces: 10	**101-00006**	Pieces: 10	**102-00006**	Pieces: 10
104-00006	Pieces: 10	**121-00006**	Pieces: 10	**122-00006**	Pieces: 10
123-00006	Pieces: 10	**124-00006**	Pieces: 10	**154-00006**	Pieces: 10
157-00006	Pieces: 10	**161-00006**	Pieces: 10	**200-00006**	Pieces: 10
220-00006	Pieces: 10	**221-00006**	Pieces: 10		

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Wireless switch with four buttons

This wireless switch with four buttons can be used by a smart switch or a wireless receiver. It can be used as a two dual-button controls (upper:on, lower off) or as four one-button controls (on/off or pulse). The switch can also be used in the Niko Home Control installation for bus wiring in combination with the USB RF interface Easywave (410-00099) for Niko Home Control or in the Niko Home Control installation for traditional wiring in combination with the wireless smart hub (552-00001).

- power supply: battery (supplied), type CR2430
- transmission range: max. 30 m indoors, 100 m in open spaces
- mounting: with the supplied screws or adhesive strips or (option) with a metal base on a standard flush-mounting box
- communication protocol: Easywave

BASE

410-00002 Pieces: 6 With plastic mounting frame and battery

ACCESSORY

450-00067 Pieces: 20 Set of claws for wall-mounted printed circuit board

BASE FOR MOUNTING ON THE FLUSH-MOUNTING BOX

410-00021 Pieces: 10 For claw fixing (transmission range +- 25 m indoors)

410-00022 Pieces: 6 For screw fixing (transmission range +- 25 m indoors)

DOUBLE KEY

100-00007	Pieces: 10	**101-00007**	Pieces: 10	**102-00007**	Pieces: 10
104-00007	Pieces: 10	**121-00007**	Pieces: 10	**122-00007**	Pieces: 10
123-00007	Pieces: 10	**124-00007**	Pieces: 10	**154-00007**	Pieces: 10
157-00007	Pieces: 10	**161-00007**	Pieces: 10	**200-00007**	Pieces: 10
220-00007	Pieces: 10	**221-00007**	Pieces: 10		

DOUBLE KEY WITH I AND 0

100-00008	Pieces: 10	**101-00008**	Pieces: 10	**102-00008**	Pieces: 10
104-00008	Pieces: 10	**121-00008**	Pieces: 10	**122-00008**	Pieces: 10
123-00008	Pieces: 10	**124-00008**	Pieces: 10	**154-00008**	Pieces: 10
157-00008	Pieces: 10	**161-00008**	Pieces: 10	**200-00008**	Pieces: 10
220-00008	Pieces: 10	**221-00008**	Pieces: 10		

DOUBLE KEY WITH 'UP' AND 'DOWN'

100-00010	Pieces: 10	**101-00010**	Pieces: 10	**102-00010**	Pieces: 10
104-00010	Pieces: 10	**121-00010**	Pieces: 10	**122-00010**	Pieces: 10
123-00010	Pieces: 10	**124-00010**	Pieces: 10	**154-00010**	Pieces: 10
157-00010	Pieces: 10	**161-00010**	Pieces: 10	**200-00010**	Pieces: 10
220-00010	Pieces: 10	**221-00010**	Pieces: 10		

DOUBLE KEY WITH LABEL

100-00012	Pieces: 10	**101-00012**	Pieces: 10	**102-00012**	Pieces: 10
104-00012	Pieces: 10	**121-00012**	Pieces: 10	**122-00012**	Pieces: 10
123-00012	Pieces: 10	**124-00012**	Pieces: 10	**154-00012**	Pieces: 10
157-00012	Pieces: 10	**161-00012**	Pieces: 10	**200-00012**	Pieces: 10
220-00012	Pieces: 10	**221-00012**	Pieces: 10		

DOUBLE KEY WITH VENTILATOR INDICATION 0 UP TO AND INCL. 3

100-00013	Pieces: 10	**101-00013**	Pieces: 10	**102-00013**	Pieces: 10
104-00013	Pieces: 10	**121-00013**	Pieces: 10	**122-00013**	Pieces: 10
123-00013	Pieces: 10	**124-00013**	Pieces: 10	**154-00013**	Pieces: 10
157-00013	Pieces: 10	**161-00013**	Pieces: 10	**200-00013**	Pieces: 10
220-00013	Pieces: 10	**221-00013**	Pieces: 10		

Touchscreen

This touchscreen allows you to conveniently operate the entire Niko Home Control installation from one central point: switching and dimming the lighting, controlling the temperature, moving roller blinds and sunblinds to the position of your choice, monitoring the energy consumption and the status of the installation … Thanks to a built-in light sensor, the screen brightness adapts to the ambient light.

Thanks to the connection to the Niko Home Control external video unit, access control is also possible. This way, you can answer incoming calls, open a connected door lock, peek outside and check missed calls. A feedback LED displays any missed calls, even when the device is in standby mode. Please note: we recommend providing at least one touchscreen on top of the smartphones and/or tablets because a wired device is always more reliable than a mobile one.

This touchscreen (550-20102) replaces touchscreen 2 (550-20101) completely. In existing Niko Home Control installations, it can replace as well as complement its predecessor. Its wired connection to the home network ensures a very reliable connection.

Only one flush-mounting box is needed to mount this touchscreen. You connect the touchscreen with one twisted pair cable (UTP, FTP or STP) to the Power over Ethernet power supply, which is available separately. Alternatively, you can also place a separate 24 V DC power supply in the cabinet. A total of ten IP devices (touchscreens, smartphones or PC applications) can be connected per installation.

- power supply voltage: 24 Vdc (± 10%) (SVV, JYSTY, TPVF, UTP, etc.) or Power over Ethernet (PoE) (UTP, STP, FTP) (48 V DC)
- electricity consumption: 500 mA (24 Vdc) or 250 mA (PoE 48 V DC)
- ambient temperature:
  - in operation: 0 – +40 °C
  - storage and transport: -10 – +65 °C
- Ethernet connection speed: 10 - 100 Mbit/s
- CE marked
- dimensions: 124 x 192 x 20 mm (HxWxD)
- screen size: 7”
- screen resolution: 1024 x 600
- weight: 570 g (excluding connectors and screws)
- protection degree: IP20

COMPLETE DEVICE

550-20102	Pieces: 1	Touchscreen

COMPLETE UNIT

550-00502	Pieces: 1	PoE power supply

COMPLETE UNIT

340-00050	Pieces: 6	Modular power supply 24 Vdc, 60 W

External video unit

This ultra-flat external video unit for flush mounting is finished with a black front plate made of anodised aluminium (3 mm thick). The device is equipped with a 130° HD colour camera and a Plexiglas nameplate that can be engraved. The external video unit is supplied with a flush-mounting box. This unique lighting concept (patent pending) provides refined and homogeneous illumination of the engraved nameplate, guaranteeing good visibility in the dark. The touch button requires no maintenance and is extremely durable. Combined with the touchscreen as an internal video unit, access control can be integrated into a Niko Home Control installation. You can then use a smartphone or tablet as an additional internal video unit if both the external video unit and the mobile device have an active Internet connection and the installation has been registered at mynikohomecontrol.niko.eu. Please note: we recommend providing at least one touchscreen on top of the smartphones and/or tablets because a wired device is always more reliable than a mobile one.

- power supply voltage: 48 Vdc ± 10%
- power consumption: 5 W
- ambient temperature: -30 – +60 °C
- dimensions flush-mounting box: 239 x 89 x 47 mm (HxWxD)
- dimensions external unit: 256 x 110 mm (HxW)
- HD camera resolution: 720 horizontal TV lines
- camera angle: 130°
- light sensitivity: 1 lux
- mounting: flush-mounting
- protection degree: IP53
- CE marked

COMPLETE UNIT

550-22001	Pieces: 1	1 illuminated touch button
550-22002	Pieces: 1	2 illuminated touch buttons

COMPLETE UNIT

550-00502	Pieces: 1	PoE power supply

ACCESSORY

	550-22091	Pieces: 1	Nameplate for the external video unit with one touch button
	550-22092	Pieces: 1	Nameplate for the external video unit with two touch buttons

11:58
Light kitchen table
Dinner
Shutter living room
Living room
21.5
15.5
Thermostat
Hall light
Shutter second sleepi..
Alarm garden..
Off
Favourites
Control
Energy
Access

Software and apps for traditional wiring

No matter the type of cabling you choose: you only need one programming software. It means you don't have to worry about whether you have the right software.

ADVANTAGES

Easy to program

- intuitive design and user-friendly interface
- graphic visual representation of the installation
- upload a floor plan in no time
- wizards help you with advanced programming
- your client can do simple adjustments him/herself without touching the program
- the installation itself saves a back-up of the file
- look for our extended software manual at https://guide.niko.eu

Easy to use

- user-friendly app for iOS and Android
- free to download from the app or play store
- clear overview of the controls
- your client can setup the dashboard as they like and can make small modifications in their configuration
- all in one: control, access control and energy monitoring

Programming software Niko Home Control II

Software for programming Niko Home Control installations for bus or traditional wiring. The software is user-friendly, intuitive and visually structured. The software can be downloaded free of charge from the Niko website. The software is available for Windows and Mac.

Do you want to upgrade an existing Niko Home Control I installation with this software? Please read our FAQ on the website before upgrading.

NIKO HOME CONTROL II PROGRAMMING SOFTWARE

550-99102	Pieces: 1	Programming software for Windows
550-99202	Pieces: 1	Programming software for Mac

Configuration and control app Niko Home

Set up and control your Niko Home Control installation for traditional wiring in a user-friendly way or use this app to control your Niko Home Control installation for bus wiring.

Your Niko Home Control installation needs to contain a wireless smart hub (552-00001) or connected controller (550-00003) and has to be connected to the internet. The installation needs to be running Niko Home Control II programming software 2.5.1 (or more recent). You can download the app for free from the app store or google play store.

Features:
- Set up, configure and control your Niko Home Control installation on traditional wiring
- Control your Niko Home Control installation on bus wiring
- Add your favourite controls to your Favourites screen.
- Receive preconfigured notifications from your installation.

NIKO HOME APP

550-92140	Pieces: 1	Niko Home app for iOS
550-92240	Pieces: 1	Niko Home app for Android

Chapter 3
Wireless controls

3.A Smart switches

3.B Wireless controls

3.C Wireless functions

3.D Accessories for wireless applications

Wireless controls

Sometimes you need to add controls in situations that are not ideal. Niko has a solution for adding controls to surfaces that are unsuited to wiring (like glass or concrete walls) or in situations where drilling or channelling work is not permitted (such as heritage-listed buildings or offices with movable partition walls): wireless switches, dimmers and functions.

ADVANTAGES

The smart switch: more flexibility and more possibilities

- replace an existing switch with a smart switch
- with configurable indication LED
- equipped with a built-in switching contact (10 A), a push-button input and an RF receiver and transmitter
- control the switching contact with extra push-buttons, wireless switches

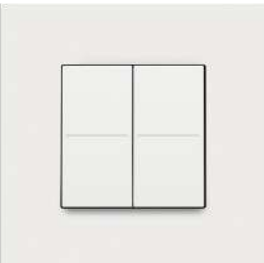
Wireless switches: stick it and it's done

- no need for drilling and channelling
- stick, screw or lay them wherever you want, even on glass, concrete, wood etc.
- insensitive to disruptions, frequency 868,3 MHz
- safely control your light from your bath or shower
- available in all Niko finishings

Wireless receivers: numerous variants

- 1 receiver can be controlled by max. 32 transmitters
- 1 transmitter can control an unlimited number of receivers
- extensive possibilities: models for flush-mounting, for the electrical cabinet, for outside applications and for the socket outlet

PRODUCT IN THE SPOTLIGHT



Niko dimmer switch for the Hue system

- wireless and battery-free
- maintenance-free
- connect up to 25 Niko dimmer switches to 1 Hue Bridge v2 (not included)
- configure in the Hue app
- use as dimmer or switch for pre-set light moods
- available in all Niko finishings

Friends of hue

Japan Style

NEW

Niko dimmer switch, Bluetooth®

- wireless and battery-free
- maintenance-free
- works with smart luminaires with integrated Bluetooth® technology, such as Casambi® enabled systems or Xicato® lighting solutions
- configure in the respective smart luminaire app or PC software (e.g. Casambi®, Xicato®, Sylsmart® etc.)
- use as dimmer or switch for pre-set light moods
- available in all Niko finishings

Niko dimmer switch, EnOcean®

- wireless and battery-free
- maintenance-free
- can be paired with every EnOcean® compatible receiver, including Niko presence detectors with EnOcean® interface
- configure via a special button combination on the dimmer switch, via the NFC interface or a QR code scan
- use as dimmer, switch or shutter control
- available in all Niko finishings

Niko dimmer switch, KNX®

- wireless and battery-free
- maintenance-free
- works with a media coupler in any KNX® system
- configure via ETS 5 software
- use as dimmer, switch, shutter control or scene selector
- available in all Niko finishings

Smart single switch with push button and RF extensions, 10 A

The smart switch has a switching contact to switch lighting on and off. It has a transmitter and receiver operating according to the Easywave protocol. If desired, extra controls can be added. These could be both classic wired push buttons and wireless controls according to the Easywave protocol. By doing so, it can effortlessly replace any traditional single, multiway, or intermediate switching. This makes the smart switch especially suitable for renovation projects or listed building interiors in which drilling or channelling work should be avoided. Please note, the only condition for the use of the smart switch is the presence of the neutral conductor in the flush-mounting box where the smart switch will be placed.

Besides being able to switch its own contact, the smart switch is also able to switch other receivers operating according to the Easywave protocol. This function can also be incorporated in a mood setting/preset. In doing so, you can switch all lighting included in the mood setting/preset with one push of the button. It is fitted with a feedback LED of which the behaviour can be adapted to the needs of the user.

- base for flush-mounting: flush-mounting depth 29.5 mm
- communication protocol: Easywave 868.3 MHz
- weight: 100 g
- dimensions (HxWxD): 70 x 70 x 42 mm
- input voltage: 230 V 50 Hz (N, L)
- standby consumption: 0.38 W
- ambient temperature: 0 – +35 °C
- protection degree: IP41
- marking: CE marked
- maximum load incandescent lamps: 2300 W
- maximum load 230 V LED lamps and economy lamps (CFLi): 100 W
- maximum load fluorescent lamps: 600 W
- maximum load low voltage halogen lamps: 600 VA

This product can be used in combination with other products that use the Easywave protocol. It cannot be used in combination with the wireless smart hub (552-00001) nor the connected products in the 551-xxxxx range using the Easywave # protocol.

BASE

410-00100 Pieces: 6 For claw fixing

410-00110 Pieces: 6 For screw fixing

FINISHING SET WITH LENS

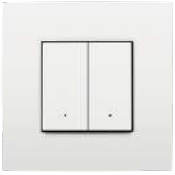
100-32002 Pieces: 10
104-32002 Pieces: 10
123-32002 Pieces: 10
157-32002 Pieces: 10
220-32002 Pieces: 10
101-32002 Pieces: 10
121-32002 Pieces: 10
124-32002 Pieces: 10
161-32002 Pieces: 10
221-32002 Pieces: 10
102-32002 Pieces: 10
122-32002 Pieces: 10
154-32002 Pieces: 10
200-32002 Pieces: 10

FINISHING SET

100-31002 Pieces: 10
104-31002 Pieces: 10
123-31002 Pieces: 10
157-31002 Pieces: 10
220-31002 Pieces: 10
101-31002 Pieces: 10
121-31002 Pieces: 10
124-31002 Pieces: 10
161-31002 Pieces: 10
221-31002 Pieces: 10
102-31002 Pieces: 10
122-31002 Pieces: 10
154-31002 Pieces: 10
200-31002 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Smart double switch with push button and RF extensions, 2 x 10 A



The smart switch has two switching contacts of 10 A each (in total max 16 A) to switch lighting on and off. It has a transmitter and receiver operating according to the Easywave protocol. If desired, extra controls can be added. These could be both classic wired push buttons and wireless controls according to the Easywave protocol. By doing so, it can effortlessly replace any traditional single, multiway, or intermediate switching. This makes the smart switch especially suitable for renovation projects or listed building interiors in which drilling or channelling work should be avoided. Please note, the only condition for the use of the smart switch is the presence of the neutral conductor in the flush-mounting box where the smart switch will be placed.
Besides being able to switch its own contact, the smart switch is also able to switch other receivers operating according to the Easywave protocol.
This function can also be incorporated in a mood setting/preset. In doing so, you can switch all lighting included in the mood setting/preset with one push of the button. It is fitted with a feedback LED of which the behaviour can be adapted to the needs of the user.

- base for flush-mounting: flush-mounting depth 29.5 mm
- communication protocol: Easywave 868.3 MHz
- weight: 100 g
- dimensions (HxWxD): 70 x 70 x 42 mm
- input voltage: 230 V 50 Hz (N, L)
- standby consumption: 0.38 W
- ambient temperature: 0 – +35 °C
- protection degree: IP41
- marking: CE marked
- maximum load incandescent lamps: 2300 W (per contact)
- maximum load 230 V LED lamps and economy lamps (CFLi): 100 W (per contact)
- maximum load fluorescent lamps: 600 W (per contact)
- maximum load low voltage halogen lamps: 600 VA (per contact)

This product can be used in combination with other products that use the Easywave protocol. It cannot be used in combination with the wireless smart hub (552-00001) nor the connected products in the 551-xxxxx range using the Easywave # protocol.

BASE

410-00200 Pieces: 6 For claw fixing

410-00210 Pieces: 6 For screw fixing

FINISHING SET WITH LENS

100-32004	Pieces: 10	**101-32004**	Pieces: 10	**102-32004**	Pieces: 10
104-32004	Pieces: 10	**121-32004**	Pieces: 10	**122-32004**	Pieces: 10
123-32004	Pieces: 10	**124-32004**	Pieces: 10	**154-32004**	Pieces: 10
157-32004	Pieces: 10	**161-32004**	Pieces: 10	**200-32004**	Pieces: 10
220-32004	Pieces: 10	**221-32004**	Pieces: 10		

FINISHING SET

100-31004	Pieces: 10	**101-31004**	Pieces: 10	**102-31004**	Pieces: 10
104-31004	Pieces: 10	**121-31004**	Pieces: 10	**122-31004**	Pieces: 10
123-31004	Pieces: 10	**124-31004**	Pieces: 10	**154-31004**	Pieces: 10
157-31004	Pieces: 10	**161-31004**	Pieces: 10	**200-31004**	Pieces: 10
220-31004	Pieces: 10	**221-31004**	Pieces: 10		

Smart universal push-button dimmer with RF transmitter and receiver, 3 – 200 W, 2-wire

The smart dimmer is suitable for dimming resistive, inductive and capacitive loads as well as dimming dimmable halogen and LED lamps. It has a transmitter and receiver operating according to the Easywave protocol.

If desired, extra controls can be added. These could be both wired push buttons and wireless controls according to the Easywave protocol. The smart dimmer is connected with a 2-wire system and does not need a neutral conductor. By doing so, it can effortlessly replace an existing single, multiway, or intermediate switching.
It is highly suitable for the expansion of existing electrical installations where drilling or channelling work is not permitted or to avoid complicated cabling.

The smart dimmer can not only dim its own load but can also control other dim receivers which operate according to the Easywave protocol. It can also be incorporated in a mood setting which can be activated via a wireless control.

The dimmer has a feedback LED of which the operation can be set.

- communication protocol: Easywave 868.3 MHz
- dimensions: 70 x 70 x 42 mm (HxWxD)
- flush-mounting depth: 29.5 mm
- protection degree: IP41.
- input voltage: 230 Vac ± 10 %, 50 Hz (L,L')
- for use with or without light value memory
- for use with several control points, use N.O. push buttons, also when replacing single-pole, two-way or intermediate switches
- incandescent lamps and 230 V halogen lamps: 3 - 200 W
- dimmable LED lamps: 3 - 200 W (max. 10)
- ferromagnetic, toroidal and electronic transformer: 20 - 200 W
- overload protection with automatic reset function
- electronic short-circuit protection
- PLC interference suppression
- own power consumption: 0.38 W
- connection terminals: 2 x 2.5 mm²
- ambient temperature: 0 – +35 °C
- Marking: CE marked

This product can be used in combination with other products that use the Easywave protocol. It cannot be used in combination with the wireless smart hub (552-00001) nor the connected products in the 551-xxxxx range using the Easywave # protocol.

BASE

410-00400 Pieces: 6 For claw fixing

410-00410 Pieces: 6 For screw fixing

FINISHING SET WITH LENS

100-32002	Pieces: 10	**101-32002**	Pieces: 10	**102-32002**	Pieces: 10
104-32002	Pieces: 10	**121-32002**	Pieces: 10	**122-32002**	Pieces: 10
123-32002	Pieces: 10	**124-32002**	Pieces: 10	**154-32002**	Pieces: 10
157-32002	Pieces: 10	**161-32002**	Pieces: 10	**200-32002**	Pieces: 10
220-32002	Pieces: 10	**221-32002**	Pieces: 10		

FINISHING SET

100-31002	Pieces: 10	**101-31002**	Pieces: 10	**102-31002**	Pieces: 10
104-31002	Pieces: 10	**121-31002**	Pieces: 10	**122-31002**	Pieces: 10
123-31002	Pieces: 10	**124-31002**	Pieces: 10	**154-31002**	Pieces: 10
157-31002	Pieces: 10	**161-31002**	Pieces: 10	**200-31002**	Pieces: 10
220-31002	Pieces: 10	**221-31002**	Pieces: 10		

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Wireless switch with two buttons

This wireless switch with two buttons can be used by a wireless receiver from the Easywave range. It can be used as one dual-button control (upper=on, lower=off), or as two one-button controls (toggle on/off or pulse). The switch can also be used in the Niko Home Control installation for bus wiring in combination with the USB RF interface Easywave (410-00099) for Niko Home Control or in the Niko Home Control installation for traditional wiring in combination with the wireless smart hub (552-00001).

- power supply: battery (supplied), type CR2430
- transmission range: max. 30 m indoors, 100 m in open spaces
- mounting: with the supplied screws or adhesive strips or (option) with a metal base on a standard flush-mounting box
- communication protocol: Easywave

BASE

410-00001 Pieces: 6 With plastic mounting frame and battery

ACCESSORY

450-00067 Pieces: 20 Set of claws for wall-mounted printed circuit board

BASE FOR MOUNTING ON THE FLUSH-MOUNTING BOX

410-00021 Pieces: 10 For claw fixing (transmission range +- 25 m indoors)

410-00022 Pieces: 6 For screw fixing (transmission range +- 25 m indoors)

SIMPLE KEY

100-00001	Pieces: 10	**101-00001**	Pieces: 10	**102-00001**	Pieces: 10
104-00001	Pieces: 10	**121-00001**	Pieces: 10	**122-00001**	Pieces: 10
123-00001	Pieces: 10	**124-00001**	Pieces: 10	**154-00001**	Pieces: 10
157-00001	Pieces: 10	**161-00001**	Pieces: 10	**200-00001**	Pieces: 10
220-00001	Pieces: 10	**221-00001**	Pieces: 10		

SIMPLE KEY WITH I AND 0

100-00002	Pieces: 10	**101-00002**	Pieces: 10	**102-00002**	Pieces: 10
104-00002	Pieces: 10	**121-00002**	Pieces: 10	**122-00002**	Pieces: 10
123-00002	Pieces: 10	**124-00002**	Pieces: 10	**154-00002**	Pieces: 10
157-00002	Pieces: 10	**161-00002**	Pieces: 10	**200-00002**	Pieces: 10
220-00002	Pieces: 10	**221-00002**	Pieces: 10		

SIMPLE KEY WITH 'UP' AND 'DOWN'

100-00004	Pieces: 10	**101-00004**	Pieces: 10	**102-00004**	Pieces: 10
104-00004	Pieces: 10	**121-00004**	Pieces: 10	**122-00004**	Pieces: 10
123-00004	Pieces: 10	**124-00004**	Pieces: 10	**154-00004**	Pieces: 10
157-00004	Pieces: 10	**161-00004**	Pieces: 10	**200-00004**	Pieces: 10
220-00004	Pieces: 10	**221-00004**	Pieces: 10		

SIMPLE KEY WITH TEXT FIELD

100-00006	Pieces: 10	**101-00006**	Pieces: 10	**102-00006**	Pieces: 10
104-00006	Pieces: 10	**121-00006**	Pieces: 10	**122-00006**	Pieces: 10
123-00006	Pieces: 10	**124-00006**	Pieces: 10	**154-00006**	Pieces: 10
157-00006	Pieces: 10	**161-00006**	Pieces: 10	**200-00006**	Pieces: 10
220-00006	Pieces: 10	**221-00006**	Pieces: 10		

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Wireless switch with four buttons

This wireless switch with four buttons can be used by a smart switch or a wireless receiver. It can be used as a two dual-button controls (upper:on, lower off) or as four one-button controls (on/off or pulse). The switch can also be used in the Niko Home Control installation for bus wiring in combination with the USB RF interface Easywave (410-00099) for Niko Home Control or in the Niko Home Control installation for traditional wiring in combination with the wireless smart hub (552-00001).

- power supply: battery (supplied), type CR2430
- transmission range: max. 30 m indoors, 100 m in open spaces
- mounting: with the supplied screws or adhesive strips or (option) with a metal base on a standard flush-mounting box
- communication protocol: Easywave

BASE

410-00002 Pieces: 6 With plastic mounting frame and battery

ACCESSORY

450-00067 Pieces: 20 Set of claws for wall-mounted printed circuit board

BASE FOR MOUNTING ON THE FLUSH-MOUNTING BOX

410-00021 Pieces: 10 For claw fixing (transmission range +- 25 m indoors)

410-00022 Pieces: 6 For screw fixing (transmission range +- 25 m indoors)

DOUBLE KEY

100-00007	Pieces: 10	**101-00007**	Pieces: 10	**102-00007**	Pieces: 10
104-00007	Pieces: 10	**121-00007**	Pieces: 10	**122-00007**	Pieces: 10
123-00007	Pieces: 10	**124-00007**	Pieces: 10	**154-00007**	Pieces: 10
157-00007	Pieces: 10	**161-00007**	Pieces: 10	**200-00007**	Pieces: 10
220-00007	Pieces: 10	**221-00007**	Pieces: 10		

DOUBLE KEY WITH I AND 0

100-00008	Pieces: 10	**101-00008**	Pieces: 10	**102-00008**	Pieces: 10
104-00008	Pieces: 10	**121-00008**	Pieces: 10	**122-00008**	Pieces: 10
123-00008	Pieces: 10	**124-00008**	Pieces: 10	**154-00008**	Pieces: 10
157-00008	Pieces: 10	**161-00008**	Pieces: 10	**200-00008**	Pieces: 10
220-00008	Pieces: 10	**221-00008**	Pieces: 10		

DOUBLE KEY WITH 'UP' AND 'DOWN'

100-00010	Pieces: 10	**101-00010**	Pieces: 10	**102-00010**	Pieces: 10
104-00010	Pieces: 10	**121-00010**	Pieces: 10	**122-00010**	Pieces: 10
123-00010	Pieces: 10	**124-00010**	Pieces: 10	**154-00010**	Pieces: 10
157-00010	Pieces: 10	**161-00010**	Pieces: 10	**200-00010**	Pieces: 10
220-00010	Pieces: 10	**221-00010**	Pieces: 10		

DOUBLE KEY WITH LABEL

100-00012	Pieces: 10	**101-00012**	Pieces: 10	**102-00012**	Pieces: 10
104-00012	Pieces: 10	**121-00012**	Pieces: 10	**122-00012**	Pieces: 10
123-00012	Pieces: 10	**124-00012**	Pieces: 10	**154-00012**	Pieces: 10
157-00012	Pieces: 10	**161-00012**	Pieces: 10	**200-00012**	Pieces: 10
220-00012	Pieces: 10	**221-00012**	Pieces: 10		

DOUBLE KEY WITH VENTILATOR INDICATION 0 UP TO AND INCL. 3

100-00013	Pieces: 10	**101-00013**	Pieces: 10	**102-00013**	Pieces: 10
104-00013	Pieces: 10	**121-00013**	Pieces: 10	**122-00013**	Pieces: 10
123-00013	Pieces: 10	**124-00013**	Pieces: 10	**154-00013**	Pieces: 10
157-00013	Pieces: 10	**161-00013**	Pieces: 10	**200-00013**	Pieces: 10
220-00013	Pieces: 10	**221-00013**	Pieces: 10		

3.A
3.B
3.C
3.D

Wireless mini hand-held transmitter with 1 channel and 1 control button

This hand-held transmitter has one control button and can be used in combination with every Niko receiver. One function can be assigned to the control button. Visual check of the control via a LED. For use in a residential environment. Battery supplied.

In combination with the Niko Home Control USB RF interface (410-00099), the hand-held transmitter can also be used in Niko Home Control installations.

- power supply: battery (supplied), type CR2032
- transmission range: Max 30 m indoors, 100 m in open spaces
- dimensions: 56 x 36 x 16 mm (HxWxD)
- weight: ± 21 g (including battery)
- communication protocol: Easywave

COMPLETE UNIT

05-311 Pieces: 10 Complete unit

Wireless mini hand-held transmitter with 1 channel and 4 control buttons

This hand-held transmitter has four independent control buttons and can be used in combination with all Niko receivers. A different function can be assigned to every control button. Visual feedback of the control via an LED. The battery is supplied with the transmitter.

In combination with the Niko Home Control USB RF interface (410-00099), the hand-held transmitter can also be used in Niko Home Control installations.

- power supply: battery (supplied), type CR2032
- transmission range: max. 30 m indoors, 100 m in open spaces
- dimensions: 62 x 37 x 11 mm (HxWxD)
- weight: max. 28 g (including battery)
- communication protocol: Easywave

COMPLETE UNIT

05-317 Pieces: 10 Complete unit

Wireless hand-held transmitter with 4 channels and 13 control buttons

With this hand-held transmitter, you control a maximum of 52 circuits, independent of one another, but dependent on the receiver settings. You use the hand-held transmitter for 1-key, 2-key and 4-key functions. The operation status and channel selection is indicated with LEDs. This handheld transmitter **cannot** be used in Niko Home Control installations.

- power supply voltage: 2 x CR2032 batteries (supplied)
- transmission range: max. 30 meters indoors, 100 meters in open spaces
- dimensions: W61xH151xD21 mm.
- communication protocol: Easywave

COMPLETE UNIT

05-312 Pieces: 1 Complete unit

Wireless hand-held transmitter with 5 channels and 3 control buttons

This hand-held transmitter controls a maximum of 15 circuits independently (depending on the settings of the receivers) and can be used for one-, two- or four-button functions. Visual feedback of the channel selection and control via LEDs.

In combination with the Niko Home Control USB RF interface (410-00099), the hand-held transmitter can also be used in the Niko Home Control installations.

- dimensions: 108 x 38 x 14 mm (HxWxD)
- power supply: battery (supplied), type CR2032
- communication protocol: Easywave

COMPLETE UNIT

05-318 Pieces: 1 Complete unit

Wireless mini transmitter interface

The wireless transmitter interface for push buttons or switches converts the push-button or switching contacts into a wireless telegram:
- When connecting up to four push buttons: the wireless telegram is being sent as long as the push button is pressed (max. 10 s).
- When connecting up to two switches: the wireless telegram will be sent as soon as the contact is closed. When the contact is opened, a new telegram is sent. Any programming can be assigned when closing or opening the contact.

In combination with the Niko Home Control USB RF interface (410-00099), the hand-held transmitter can also be used in Niko Home Control installations.

- power supply: 3 V battery, type CR2032 (supplied)
- dimensions: 30 x 28 x 9 mm (HxWxD)
- communication protocol: Easywave

COMPLETE UNIT

05-315	Pieces: 10	Complete unit

Wireless two-channel transmitter with Easywave protocol

The wireless two-channel transmitter is suitable for flush mounting and may only be used to control wireless receivers. By using this two-channel transmitter, you can expand the switching function of existing switches or push buttons via a receiver. The two-channel transmitter checks whether a switch/push button is live and transmits the corresponding code (A, B, C or D) to the wireless receiver, which in turn switches the consumer. This wireless two-channel transmitter **cannot** be used in Niko Home Control installations.

- dimensions: 25 x 48 x 48 mm (HxWxD)
- weight: 32 g
- frequency: 868.3 MHz
- power supply voltage: 230 V, 50 Hz
- maximum power consumption: 0.42 W
- transmission range: max. 30 m indoors, 100 m in open spaces
- protection degree: IP20
- operating temperature: -20 – +60 °C

COMPLETE UNIT

410-00362	Pieces: 1	Complete unit

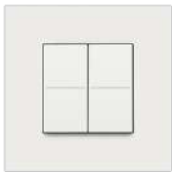
Wireless window or door contact

The wireless window or door contact (transmitter) is used to control wireless receivers. The magnetic contact transmits the status of objects via wireless signals to a wireless receiver. If the window or door is opened or closed, an Easywave code is transmitted, and the connected, wireless receiver switches, depending on the set operating mode. A battery, mounting bracket with magnet, and a mounting set are included. In combination with the Niko Home Control USB RF interface (410-00099), the wireless window or door contact can also be used in Niko Home Control installations.

- dimensions of contact: 12 x 65 x 28 (HxWxD)
- dimensions of magnet: 18 x 18 x 13 (HxWxD)
- weight of contact: 20.6 g
- weight of magnet: 2.2 g
- frequency: 868.3 MHz
- power supply: 3 V battery, type CR2032 (supplied)
- power consumption: 1.6 µA
- transmission range: max. 30 m indoor, 100 m in open spaces
- protection degree: IP54
- operating temperature: -20 – +60 °C
- quality mark: CE marked in compliance with EN 60669-2-1
- communication protocol: Easywave

COMPLETE UNIT

05-363	Pieces: 1	Complete unit



NEW

Niko dimmer switch, EnOcean®

With this wireless and battery-free dimmer switch in Niko design, you can remotely operate EnOcean® certified 868 MHz wireless receivers. Examples are Niko presence detectors with an EnOcean® interface (350-41680, 350-41780, 350-41781). No wall breaking or cable installation is needed. For best performance, follow the installation and radio planning guidelines. The pairing procedure with a wireless receiver determines the function of each button. Up to four buttons can be configured. The dimmer switch can be mounted on a European flush-mounting box, screwed onto a wall (screws not included) or glued to a flat surface with double-sided adhesive strips (included). The central plate and the faceplate must be ordered separately. The dimmer switch combines with any Niko Pure, Niko Intense and Niko Original faceplate in the colour of your choice.

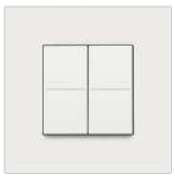
- dimensions (HxWxD): 83 x 83 x 15 mm
- power supply: integrated kinetic energy harvester
- RF protocol: EnOcean®
- maximum RF power: 5 dBm / 3.1 mW
- configuration interface: Special Button Combinations (SBC) NFC forum type 2 tag
- mounting height: 110 cm
- temperature (storage / operating): -25 – +65 °C
- maximum range (indoor from switch to receiver): up to 30 m
- operating frequency: 868.3 MHz
- antenna: integrated antenna
- weight: 25 g
- protection degree: IP20
- marked: CE

BASE

360-11001 Pieces: 1 With plastic mounting frame and energy harvesting with EnOcean® RF transmitter

FINISHING SET

100-00060	Pieces: 10	**101-00060**	Pieces: 10	**102-00060**	Pieces: 10
104-00060	Pieces: 10	**121-00060**	Pieces: 10	**122-00060**	Pieces: 10
123-00060	Pieces: 10	**124-00060**	Pieces: 10	**154-00060**	Pieces: 10
157-00060	Pieces: 10	**161-00060**	Pieces: 10	**200-00060**	Pieces: 10
220-00060	Pieces: 10	**221-00060**	Pieces: 10		



NEW

Niko dimmer switch, Bluetooth®

With this wireless and battery-free dimmer switch in Niko design, you can remotely operate Bluetooth® low energy 2,4 GHz wireless receivers that are located in the same room. Examples are Niko presence detectors with a Bluetooth® interface or smart lighting with integrated Bluetooth® technology from Casambi® of Xicato®. For best performance, follow the installation and radio planning guidelines. Configure the dimmer switch buttons with the respective smart lighting smartphone app or software app (e.g. Casambi app, Xicato Control Software, SylSmart Standalone app, ...). Up to four buttons can be configured. No wall breaking or cable installation is needed. The dimmer switch can be mounted on a European flush-mounting box, screwed onto a wall (screws not included) or glued to a flat surface with double-sided adhesive tape (included). The central plate and faceplate must be ordered separately. The dimmer switch combines with any Niko Pure, Niko Intense and Niko Original faceplate in the colour of your choice.

- dimensions (HxWxD): 85 x 85 x 15 mm
- power supply: integrated kinetic energy harvester
- RF protocol: Bluetooth® Low Energy (BLE)
- configuration interface: NFC Forum Type 2 Tag (ISO/IEC 14443 Part 2 and 3)
- modulation: Gaussian frequency-shift keying (GFSK) / 1 Mbps
- operating frequency: 2402 MHz ... 2480 MHz
- mounting height: 110 cm
- temperature (storage / operating): -25 – +65 °C
- maximum range (indoor from switch to receiver): up to 10 m. Depending on the smart lighting, the receiver can also act as a relay and augment the range
- maximum RF power: 0.4 dBm
- antenna: Integrated antenna
- protection degree: IP20
- marking: CE

BASE

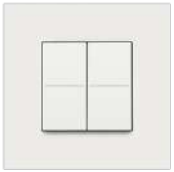
360-21001 Pieces: 1 With plastic mounting frame and energy harvesting with Bluetooth® RF transmitter

FINISHING SET

100-00060	Pieces: 10	**101-00060**	Pieces: 10	**102-00060**	Pieces: 10
104-00060	Pieces: 10	**121-00060**	Pieces: 10	**122-00060**	Pieces: 10
123-00060	Pieces: 10	**124-00060**	Pieces: 10	**154-00060**	Pieces: 10
157-00060	Pieces: 10	**161-00060**	Pieces: 10	**200-00060**	Pieces: 10
220-00060	Pieces: 10	**221-00060**	Pieces: 10		

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Niko dimmer switch, KNX®



NEW

This wireless and battery-free dimmer switch in Niko design can operate as a switch, a dimmer, a roller shutter control or a scene selector in a KNX® system. This dimmer switch works together with the KNX® wireless media coupler (360-33001) who transmits the KNX® commands to the KNX® bus. This allows you to easily extend a KNX® system without breaking walls or installing extra cables. For best performance, follow the installation and radio planning guidelines.

Configure the dimmer switch buttons with the ETS software that is available on the KNX® Association website together with the KNX® programming adapter (360-39001). The following communication objects can be linked to the buttons: single channel, dimming and shutter control. The supported functions are: on, off, toggle, up, down, darker, brighter, scene number, send value in percentage, in angle, in 2 bits, in 8 bits. Up to six button combinations can be configured.

The dimmer switch can be mounted into a European flush-mounting box, screwed onto a wall (screws not included) or glued to a flat surface with double-sided adhesive tape (included). The central plate and the faceplate must be ordered separately. The dimmer switch combines with any Niko Pure, Niko Intense and Niko Original faceplate in the colour of your choice.

- dimensions (HxWxD): 83 x 83 x 15 mm
- power supply: integrated kinetic energy Harvester
- RF protocol: KNX RF1.R S-Mode
- modulation: Frequency-shift keying (FSK) / up to 16.384 kbps
- maximum RF power: -2 dBm / 0.63 mW
- mounting height: 110 cm
- temperature (storage / operating): -20 up to +45 °C
- maximum range (indoor from switch to receiver): Up to 30 m
- operating frequency: 868.3 MHz
- antenna: integrated antenna
- weight: 22 g
- protection degree: IP20
- marked: CE

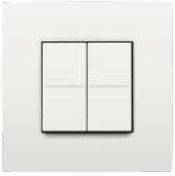
BASE

360-31001 Pieces: 1 With plastic mounting frame and energy harvesting with KNX® RF transmitter

FINISHING SET

100-00060	Pieces: 10	**101-00060**	Pieces: 10	**102-00060**	Pieces: 10
104-00060	Pieces: 10	**121-00060**	Pieces: 10	**122-00060**	Pieces: 10
123-00060	Pieces: 10	**124-00060**	Pieces: 10	**154-00060**	Pieces: 10
157-00060	Pieces: 10	**161-00060**	Pieces: 10	**200-00060**	Pieces: 10
220-00060	Pieces: 10	**221-00060**	Pieces: 10		

Niko dimmer switch for Hue system



With this wireless and battery-free dimmer, you can operate the Philips Hue lamps effortlessly. Determine in the Philips Hue app what each button must do (switching on and off, dimming, activating mood settings). Mechanism including button and Niko Intense or Original faceplate.

COMPLETE UNIT INCLUDING FACEPLATE

100-91004	Pieces: 1	**101-91004**	Pieces: 12	**120-91004**	Pieces: 12
122-91004	Pieces: 12	**130-91004**	Pieces: 1	**154-91004**	Pieces: 1
161-91004	Pieces: 1				

FINISHING SET

100-00060	Pieces: 10	**101-00060**	Pieces: 10	**102-00060**	Pieces: 10
104-00060	Pieces: 10	**121-00060**	Pieces: 10	**122-00060**	Pieces: 10
123-00060	Pieces: 10	**124-00060**	Pieces: 10	**154-00060**	Pieces: 10
157-00060	Pieces: 10	**161-00060**	Pieces: 10	**200-00060**	Pieces: 10
220-00060	Pieces: 10	**221-00060**	Pieces: 10		

Modular wireless dimmer, 750 VA

The wireless dimmer for DIN rail mounting is suitable for a selection of dimmable LEDS, 230 V incandescent lamps, 230 V halogen lamps and all types of low-voltage halogen lamps. Automatic selection of the dimming principle. Control by a wired push-button or wireless transmitters. Up to 30 controls. Use with or without memory function. Additional memory for saving one atmosphere. Indication LEDs for the operation and feedback on errors. In compliance with the European directives for EMC and safety EN60669-2-1.

- five control modes
- single- or dual-button control
- switching time: 0 - 3 s
- switch-off delay: 0 s – 3 min
- power supply voltage: 230 Vac ± 10%, 50 Hz ± 1 Hz
- overload protection with automatic reset function
- PLC filter for interference via the mains
- dimensions (2 DIN rail modules): 90 x 35 x 66 mm (HxWxD)
- weight: ± 144 g
- ambient temperature: 0 – +35 °C
- ferromagnetic & toroidal core transformer: 60-750 VA
- electronic transformer: 60-750 VA
- incandescent lamps & halogen lamps: 60-750 W

COMPLETE UNIT

05-353 Pieces: 10 Complete unit

Modular wireless dim receiver

The dim receiver for DIN rail mounting is provided with two channels and a connector for the external antenna (05-309). Wireless transmitters can be connected to this receiver. Each channel consists of an NO contact (4 A/230 V) and a control output 1-10 V (45 mA). Electronic ballasts of dimmers (05-715, 65-410) can be directly controlled with a current signal 1-10 V in accordance with the EN60929 standard. In addition to the conventional dimming from 0 to 100%, it is also possible to activate a preset dimming level or an atmosphere.

- nine programming modes
- one-, two- or four-button control (depending on the mode)
- switching time: 0 – 3 s
- switch-off delay: 0 s – 120 min
- dimensions: DIN 4U
- weight: 282 g
- communication protocol: Easywave

COMPLETE UNIT

05-350 Pieces: 6 Complete unit

Wireless two-channel receiver, IP66, for surface mounting

The two-channel receiver for surface mounting is provided with two switching contacts (10 A/230 V) (two-way contact and single-pole contact) and two push-button inputs. The receiver can be controlled without any wiring or via local push buttons. If the receiver is used as a roll-down shutter or ventilation control, there are five specific modes for setting the roll-down shutter functions (open, stop and close) or the different ventilation speeds. When used as a motor control, both contacts are used for one motor. The receiver can only be connected to one phase. The switching contacts cannot be used for safety extra-low voltage (SELV) circuits.

- five modes for the on/off function (separately adjustable per output)
- switching time: 0 – 3 s
- switch-off delay: 0 s – 120 min
- dimensions: 56 x 94 x 180 mm (HxWxL)
- weight: 645 g
- protection degree: IP66 (protected against dust and powerful water jets)
- communication protocol: Easywave

COMPLETE UNIT

05-336 Pieces: 1 Complete unit

Wireless two-channel receiver, 12-24 VAC or VDC, for surface mounting

The two-channel receiver for surface mounting has four operating modes. Wireless transmitters can be connected to this receiver. An external pulse push button can also be connected per channel. The receiver can only be used for switching low-voltage loads. Possible applications: two-button control (on/off functions), push-button functions (on for as long the push button is pressed), pulse function (1 s) or two-button control (roll-down shutters/venetian blinds). The roll-down shutter/venetian blind function can only be supplied with direct current (dc).

- dimensions: 35 x 63 x 70 mm (HxWxL) (without antenna)
- power supply voltage: 12 – 24 Vac or Vdc
- maximum contact load:
  - ac: 24 V, 1 A (24 VA)
  - dc: 30 V, 1 A (30 W)
- communication protocol: Easywave

COMPLETE UNIT

05-335	Pieces: 6	Complete unit

Wireless repeater

NEW

The repeater is used in installations with insufficient range and has two operating modes: cascade and defined mode.
When using up to three repeaters in cascade mode, the range can be extended by up to 3 times.
In defined mode, a maximum of 32 control points can be learned.
An indication LED flashes when a command is received or sent.
The repeater does not work for motor control and dimmers (because you have to press and hold the button for a long time).

- dimensions: W48 x H48 x D25 mm (without antenna)
  EasywaveDaten
- input voltage: 230 V 50 Hz
- power consumption: 0.5 W standby
- frequency: 868.3 MHz
- operating temperature: -20 – +60 °C
- wire capacity: 0.5 – 2 x 2.5 mm²
- communication protocol: Easywave ABCD, EasywavePlus,
- weight: 40 g
- transmission range: 150 m in open field; up to approx. 30 m indoors
- transmission delay: 270 ms
- current consumption receiving: 3.2 mA
- current consumption transmitting: 4.7 mA

COMPLETE UNIT

410-00535	Pieces: 10	Complete unit

One channel flush mounting wireless receiver single pole

This mini receiver equipped with a single-pole switching contact (10 A/230 Vac) is used to switch the lighting. The receiver operates both with wall transmitters and hand-held transmitters in a one- or two-button mode. Its limited dimensions make it perfectly suitable for flush mounting.

- three modes for the on/off function
- dimensions: 29 x 49 x 70 mm (HxWxL)
- weight: 53 g
- communication protocol: Easywave

COMPLETE UNIT

05-331	Pieces: 10	Complete unit

FINISHING SET

100-77001	Pieces: 10	**101-77001**	Pieces: 10	**102-77001**	Pieces: 10
104-77001	Pieces: 10	**121-77001**	Pieces: 10	**122-77001**	Pieces: 10
123-77001	Pieces: 10	**124-77001**	Pieces: 10	**154-77001**	Pieces: 10
157-77001	Pieces: 10	**161-77001**	Pieces: 10	**200-77001**	Pieces: 10
220-77001	Pieces: 10	**221-77001**	Pieces: 10		

One channel flush mounting wireless receiver single pole potential free

This mini receiver is provided with a single-pole, potential-free switching contact (6 A) and has a specific pulse mode for controlling a bell, dimmer, motor … Wireless transmitters can be connected to this receiver. Its limited dimensions make it perfectly suitable for flush mounting.

- three modes for the on/off function
- dimensions: 29 x 49 x 70 mm (HxWxL)
- weight: 53 g
- communication protocol: Easywave

COMPLETE UNIT

05-332 Pieces: 10 Complete unit

FINISHING SET

100-77001	Pieces: 10	**101-77001**	Pieces: 10	**102-77001**	Pieces: 10
104-77001	Pieces: 10	**121-77001**	Pieces: 10	**122-77001**	Pieces: 10
123-77001	Pieces: 10	**124-77001**	Pieces: 10	**154-77001**	Pieces: 10
157-77001	Pieces: 10	**161-77001**	Pieces: 10	**200-77001**	Pieces: 10
220-77001	Pieces: 10	**221-77001**	Pieces: 10		

Wireless receiver for motor control, for flush mounting

This mini receiver with switching contact (4 A/230 V AC) is used to control roll-down shutters or venetian/vertical blinds. The receiver can be operated by both wall-mounted and hand-held transmitters in a dual-button mode for the roll-down shutter functions (open, stop and close) or in a dual-button mode for the rotation of the vertical blinds. The operating time is 90 s. Thanks to its limited dimensions, it is easily flush mounted.

- dimensions: 70 x 49 x 29 mm (HxWxD)
- weight: 76 g
- communication protocol: Easywave

COMPLETE UNIT

05-333 Pieces: 10 Complete unit

FINISHING SET

100-77001	Pieces: 10	**101-77001**	Pieces: 10	**102-77001**	Pieces: 10
104-77001	Pieces: 10	**121-77001**	Pieces: 10	**122-77001**	Pieces: 10
123-77001	Pieces: 10	**124-77001**	Pieces: 10	**154-77001**	Pieces: 10
157-77001	Pieces: 10	**161-77001**	Pieces: 10	**200-77001**	Pieces: 10
220-77001	Pieces: 10	**221-77001**	Pieces: 10		

Universal wireless one-channel dimmer, single-pole, for flush mounting

The universal wireless one-channel dimmer (single-pole) is suitable for flush mounting and may only be used to wirelessly switch and dim lights up to a maximum of 250 W. You can also directly connect a fixed NO push button to this dimmer. With a wireless push button or a hand-held transmitter (one- or two-button control) connected to the dimmer, the lighting is always gradually switched on and off and dimmed up and down. To switch or to dim the lighting locally, you can also connect a fixed NO push button to the dimmer. The integrated electronic short-circuit, overload and overheating protection guarantees maximum safety during use. The dimmer may not be used to switch or to dim electric motors.

- dimensions: 25 x 48 x 48 mm (HxWxD)
- weight: 35 g
- frequency: 868.3 Mhz
- power supply voltage: 230 Vac, 50 Hz
- stand-by consumption: 0.7 W
- incandescent lamps: 7 – 250 W
- 230 V halogen lamps: 7 – 250 W
- dimmable economy lamps: 7 – 100 W
- dimmable LED lamps: 7 – 100 W
- ferromagnetic transformer: 20 – 250 VA
- toroidal core transformer: 20 – 250 VA
- electronic transformer: 7 – 250 W
- minimum load: 7 W
- maximum load: 250 W
- protection degree: IP20
- operating temperature: -20 – +60 °C
- quality mark: CE marked in compliance with EN 60669-2-1
- communication protocol: Easywave

COMPLETE UNIT

05-360 Pieces: 1 Complete unit

Wireless one-channel receiver, for flush mounting

The wireless receiver with 230 V two-way contact (one channel) is suitable for flush mounting and may only be used as a wireless control in combination with small consumers. With this receiver, small consumers can be switched in three working modes (two modes for the on-off function and pulse mode). You can operate the receiver using either push buttons or hand-held transmitters.

- dimensions: 25 x 48 x 48 mm (HxWxD)
- frequency: 868.3 MHz
- power supply voltage: 230 Vac, 50 Hz
- stand-by consumption: ± 0.8 W
- output: potential-free relay contact (two-way switch)
- protection degree: IP20
- operating temperature: -20 – +60 °C
- quality mark: CE marked in compliance with EN 60669-2-1
- communication protocol: Easywave

COMPLETE UNIT

05-361	Pieces: 1	Complete unit

Plug-through socket with wireless receiver and pin earthing

This plug-through socket equipped with a single-pole switching contact (10 A) has three different modes: classic switching function (on/off), teleruptor and delayed off (7 min, time not adjustable).

- communication protocol: Easywave

COMPLETE UNIT

05-340	Pieces: 5	Complete unit

Plug-through socket with wireless receiver and side earthing

This plug-through socket equipped with a single-pole switching contact (10 A) has three different modes: classic switching function (on/off), teleruptor and delayed off (7 min, time not adjustable). Wireless transmitters can be connected to this socket.

- communication protocol: Easywave

COMPLETE UNIT WITH SIDE EARTHING

05-341	Pieces: 5	Complete unit

USB RF interface

NEW

The USB RF interface makes it possible to use Niko wireless Easywave controls (with the exception of the remote control 05-312) in the Niko Home Control installation for bus cabling.

This allows wireless controls to be installed:
- on surfaces unsuited to cabling (e.g. glass or concrete partitions)
- for the renovation of heritage-listed buildings
- for expansions of existing installations where drilling or channelling work is not permitted
- in office areas with movable partition walls
- when complex cabling is to be avoided.

The interface is shaped like a USB stick and can be connected to the connected controller (550-0000x) in the electrical cabinet, using the provided extension cable (3 m). The end of the extension cable is fitted with an assembly ring allowing the antennae to be attached to the outside of the electrical cabinet for optimal reception.

- one USB RF interface per installation
- for use with USB extension cable (3 m) provided
- input voltage: via USB port
- modulation: frequency shift
- usage frequency: 868.30 Mhz
- communication protocol: Easywave
- maximum radio frequency power of the Easywave signal: 5.85 dBm
- transmission range: max. 30 m indoors, 100 m in open spaces
- ambient temperature: 0 – +40 °C

COMPLETE UNIT

410-00099	Pieces: 10	Complete unit

3.A
3.B
3.C
3.D

NEW

Wireless 2-channel receiver for switching

This 2-channel receiver for DIN-rail mounting is controlled wirelessly via radio frequency. It has two, 16 A/230 V potential-free contacts and a connection for an external antenna (410-00359).
Each switch output can have 32 transmission codes linked to it.
The receiver can be controlled in on/off, pulse and dead man's switch modes.
The on/off mode also has two timer functions and a logic function.

- DIN dimensions: 2U
- Dimensions: 34.5 / 89.6 / 62.8 mm
- Communication protocol: Easywave 868.30 Mhz
- Input voltage: 230 V AC, 50 Hz
- Output: 2 potential-free relay contacts 16 A (normally open)
- Operating temperature: -20 – +45 °C
- Power consumption in stand-by: 0.4 W max. 1.2 W without load
- Weight: 108 g
- Protection degree: IP20

COMPLETE UNIT

410-00351 Pieces: 6 Complete unit

NEW

Wireless 2-channel receiver for motor control

This 2-channel receiver for DIN-rail mounting is controlled wirelessly via radio frequency. It has 2 outputs, each with two 6 A/230 V changeover contacts and a connection for an external antenna (410-00359).
You use the module to open, close or stop roll-down shutters and venetian blinds. The terrace function makes it possible to lock the closing direction of one or more outputs, thereby preventing getting locked out unintentionally.

Technical specifications

- DIN dimensions: 2U
- Dimensions: 34.5 / 89.6 / 62.8 mm
- Communication protocol: Easywave 868.30 Mhz
- Input voltage: 230 V AC, 50 Hz
- Operating temperature: -20 °C – +45 °C
- Power consumption in stand-by: 0.4 W, 1 W switched (without load)
- Weight: 108 g
- Protection degree: IP20

COMPLETE UNIT

410-00352 Pieces: 6 Complete unit

External antenna for 05-35x

The external antenna is suitable for use with all modular wireless Niko receivers (868.3 MHz) and enables the reception of wireless signals in a metal electrical cabinet. The antenna is provided with a connection cable (3 m) and a connector.
To be used in combination with 05-336, 05-338, 05-350, 05-353

- communication protocol: Easywave

ACCESSORY

05-309	Pieces: 5	External antenna with connector

NEW

External antenna for 410-0035x

External antenna for wireless applications. Connectable to modules 410-00351 and 410-00352. The external antenna has a connection which makes reception in a metal cabinet possible. The connection cable of the external antenna is 3 meters long.

- Communication protocol: Easywave

COMPLETE UNIT

410-00359	Pieces: 5	External antenna without connector for 410-00351 and 410-00352

Diagnostic device

In complex or large installations, the diagnostic device (9 V block battery not supplied) helps you to determine in advance whether the wireless applications can be used or not. The device will determine the wireless signal strength in a given area and recognise all 868.3 MHz signals. Nine indication LEDs will display the reception quality of the transmission signal or the strength of the interference signals present. This way you can check if the range of the wireless transmitter is sufficient.

- communication protocol: Easywave

ACCESSORY

05-370	Pieces: 6	Diagnostic device

NEW

Programming adapter, KNX®

This programming adapter allows you to provide the KNX® wireless and battery-free dimmer switch (360-31001) with energy during commissioning. Connect the programming adapter to the KNX® dimmer switch and configure the functions of the buttons using the ETS software that is available on the KNX® Association website. The adapter requires two AAA batteries (not included).

- battery type: AAA
- battery voltage: 1.5 V
- operating temperature -20 – +45 °C
- protection degree: IP20

COMPLETE UNIT

360-39001	Pieces: 1	Complete unit

Wireless media coupler, KNX®

NEW

This wireless KNX® media coupler allows you to easily extend a KNX® system using one or more battery-free Niko dimmer switches KNX® (360-31001). The KNX® wireless media coupler is connected to and powered by the KNX® bus. It is configured via the ETS software that is available on the KNX® Association website.

- dimensions (WxHxD): 40 x 43 x 11 mm (excl. antenna)
- power supply: KNX bus cable, 21 to 30 V DC
- power consumption: < 10 mA
- RF Protocol: KNX RF1.R
- modulation: Frequency-shift keying (FSK) / up to 16.384 kbps
- maximum APDU length: 201 bytes
- weight: 15 g
- temperature (operating / storage): -5 – +45 °C / -10 – +70 °C
- operating frequency: 868.3 MHz
- bandwidth: 600 kHz
- antenna: External antenna
- maximum range (indoor from switch to receiver): up to 30 m
- maximum RF power: +10 dBm / 10 mW
- protection degree: IP20
- marking: CE

COMPLETE UNIT

360-33001	Pieces: 1	Complete unit

Chapter 4
Switching material and socket outlets

4.A Flush-mounting switching material

4.B Flush-mounting socket outlets

4.C Media network

4.D Niko surface-mounting kit

4.E Niko Hydro

4.F Trunking systems

Flush-mounting switching material and socket outlets

The Niko switches and socket outlets set the standard and are of ultra-reliable quality. They are long lasting, robust and easy to install. We design and produce all our materials to last at least 30 years, even when exposed to extreme loads.

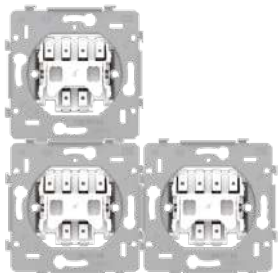
ADVANTAGES

Universal mechanism

- 3 mounting steps: mechanism + finishing set + faceplate
- one universal mechanism for Niko Original, Niko Intense and Niko Pure: install the function today, add the finishing set and faceplate later
- ultra-solid, unbreakable and untearable metal frame
- fast and reliable screw or plug-in terminals
- for claw or screw fixation
- terminal capacity: 2 x 2,5mm^2 / terminal

Fast and easily installed

- all terminals are located at the top of the base
- you strip and cut all wires equally in one go
- you have more room to fold the wires and to place the mechanism inside the flush-mounting box
- wiring diagram, switching symbol and terminal identification in indelible ink
- the stripping length is easy to measure on the base

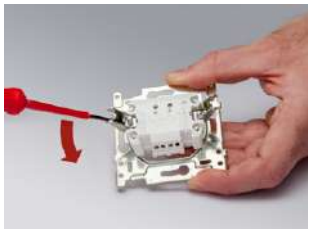


Perfect coupling

- vertical, centre distance 71 or 60 mm: easy to slide
- vertical, centre distance 71 mm: folding zones at the bottom to connect the next frame
- horizontal: upright folded dovetails for perfect positioning
- multiple mounting options: claws, banana-shaped screw holes, panel screw holes

Limited flush-mounting depth

- more room for the connection inside the flush-mounting box
- switch: 18 mm
- socket outlet: 21 or 28.5 mm

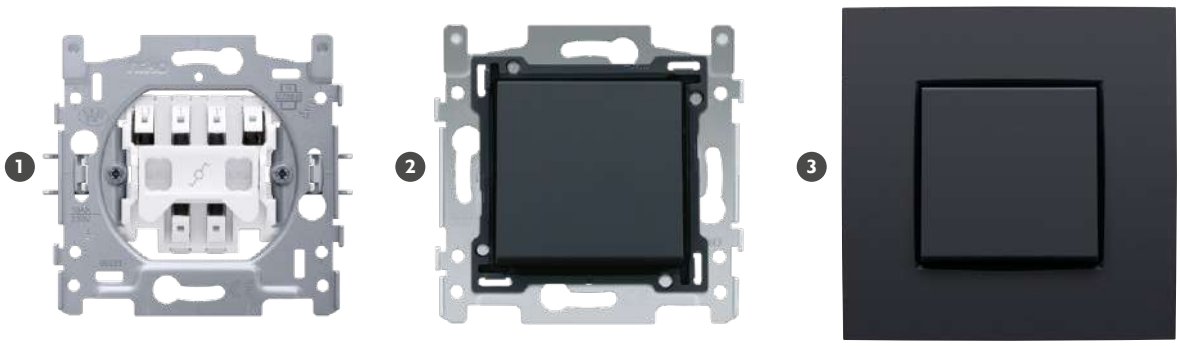


Optional solid metal claws

- large standard gripping depth: 31 mm
- stay in place during mounting
- can be firmly tightened: the mechanisms don't get skewed and cannot be torn out of the wall
- easily replaced by long claws
- easily removed to mount in flush-mounting boxes for hollow walls

LED lighting elements

- automatic connection makes direct contact thanks to simple clicking system
- also available with wire connection



Niko's finishings are distinguished by their **quick and easy assembly**. Only 3 stages of assembly saves time.
Is the wall not quite flat? No problem, as the faceplate is **height adjustable** in each of the corners.

The Niko product range evolves constantly. Would you like to know if a function is available in Niko Pure, Niko Intense or Niko Original? Take a look at www.niko.eu and discover the possibilities, colours and materials.

NEW

Digital black, connected customisable control screen, 230 V

The Digital black is a completely customisable touchscreen which has an extremely user-friendly interface with clear symbols. The screen is automatically activated when your hand comes near. When there is no Niko Home Control installation available, the built-in switching contact can be controlled via the touchscreen or an N.O. push button extension (170-00005). When the connection to a Niko Home Control installation has been made, it becomes possible to switch or dim your lights, set moods, set ventilation modes, adjust blinds and sunblinds to the desired position, in one operation. In short, all possible types of controls are available in your Niko Home Control installation. Do you have a Niko Home Control thermostat (550-1305x) or an active connection with one of our heating partners? Then you can easily set the temperature with the Digital black. With the corresponding Niko Home app not only can you choose which controls are displayed or where they are displayed on the screen, but also the way you navigate through your control screens. You can download this app for free in the respective app store for your mobile device.

The Digital black can be easily mounted in any standard flush-mounting box using the familiar claw or screw fixing and is powered on 230 V AC (L- + N-wire required). This 230 V AC variant is equipped with a switching contact 10 A (resistive), meaning that it can easily be replaced with a conventional single-pole switch. In combination with the wireless smart hub for Niko Home Control (552-00001) and additional controls from the Niko Home Control range for traditional wiring, you can easily add automation to your conventional installation.

The screen communicates via your wireless home network with the rest of your Niko Home Control system. You need an active internet connection to activate the Digital black. This internet connection ensures that your Digital black and Niko Home Control installation are always up-to-date and have the most recent functionalities.

- recommended mounting height: 110 - 160 cm
- power supply voltage: 230 V AC ± 10 %, 50 Hz (L- + N-wire required)
- Wi-Fi: 2.4 GHz bgn (HT20)
- ambient temperature: 0 - 40 °C
- proximity sensor: 0 – 30 cm
- light sensor for automatic adjustment of the screen intensity
- Maximum number of Digital blacks per installation: 20
- screen size: 3.6”
- screen resolution: 1024 x 768 pixels
- display dimensions: 83 x 83 x 11.3 mm (HxWxD)
- dimensions flush-mounting mechanism: 75 x 70 x 31.5 mm (HxWxD)
- protection degree: IP40
- CE marked

10 A
250 Vac

COMPLETE UNIT

551-18000	Pieces: 1	With screw terminals and claw fixing
551-18001	Pieces: 1	With screw terminals and screw fixing

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Single-pole switch

10 A
250 Vac

BASE

170-01105 Pieces: 10 With plug-in terminals, for claw fixing

170-01115 Pieces: 10 With plug-in terminals, for screw fixing

170-01100 Pieces: 10 With screw terminals, for claw fixing

170-01101 Pieces: 10 With screw terminals, for screw fixing

170-71105 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-71115 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-71100 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-71101 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-61105	Pieces: 20	**101-61105**	Pieces: 20	**102-61105**	Pieces: 20
104-61105	Pieces: 20	**121-61105**	Pieces: 10	**122-61105**	Pieces: 10
123-61105	Pieces: 10	**124-61105**	Pieces: 10	**154-61105**	Pieces: 10
157-61105	Pieces: 10	**161-61105**	Pieces: 10	**200-61105**	Pieces: 10
220-61105	Pieces: 10	**221-61105**	Pieces: 10		

FINISHING SET WITH TRANSPARENT TEXT FIELD

100-60905	Pieces: 20	**101-60905**	Pieces: 20	**102-60905**	Pieces: 20
104-60905	Pieces: 20	**121-60905**	Pieces: 10	**122-60905**	Pieces: 10
123-60905	Pieces: 10	**124-60905**	Pieces: 10	**154-60905**	Pieces: 10
157-60905	Pieces: 10	**161-60905**	Pieces: 10	**200-60905**	Pieces: 10
220-60905	Pieces: 10	**221-60905**	Pieces: 10		

FINISHING SET WITH SMALL TRANSPARENT WINDOW (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

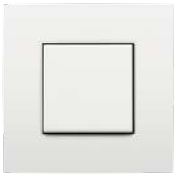
100-60005	Pieces: 20	**101-60005**	Pieces: 20	**102-60005**	Pieces: 20
104-60005	Pieces: 20	**121-60005**	Pieces: 10	**122-60005**	Pieces: 10
123-60005	Pieces: 10	**124-60005**	Pieces: 10	**154-60005**	Pieces: 10
157-60005	Pieces: 10	**161-60005**	Pieces: 10	**200-60005**	Pieces: 10
220-60005	Pieces: 10	**221-60005**	Pieces: 10		

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-61108 Pieces: 10 **101-61108** Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-61100 Pieces: 10 **101-61100** Pieces: 10



Two-pole switch

10 A
250 Vac

BASE

170-01205 Pieces: 10 With plug-in terminals, for claw fixing

170-01215 Pieces: 10 With plug-in terminals, for screw fixing

170-01200 Pieces: 10 With screw terminals, for claw fixing

170-01201 Pieces: 10 With screw terminals, for screw fixing

170-71205 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-71215 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-71200 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-71201 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-61105	Pieces: 20	**101-61105**	Pieces: 20	**102-61105**	Pieces: 20
104-61105	Pieces: 20	**121-61105**	Pieces: 10	**122-61105**	Pieces: 10
123-61105	Pieces: 10	**124-61105**	Pieces: 10	**154-61105**	Pieces: 10
157-61105	Pieces: 10	**161-61105**	Pieces: 10	**200-61105**	Pieces: 10
220-61105	Pieces: 10	**221-61105**	Pieces: 10		

FINISHING SET WITH TRANSPARENT TEXT FIELD

100-60905	Pieces: 20	**101-60905**	Pieces: 20	**102-60905**	Pieces: 20
104-60905	Pieces: 20	**121-60905**	Pieces: 10	**122-60905**	Pieces: 10
123-60905	Pieces: 10	**124-60905**	Pieces: 10	**154-60905**	Pieces: 10
157-60905	Pieces: 10	**161-60905**	Pieces: 10	**200-60905**	Pieces: 10
220-60905	Pieces: 10	**221-60905**	Pieces: 10		

FINISHING SET WITH SMALL TRANSPARENT WINDOW (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

100-60005	Pieces: 20	**101-60005**	Pieces: 20	**102-60005**	Pieces: 20
104-60005	Pieces: 20	**121-60005**	Pieces: 10	**122-60005**	Pieces: 10
123-60005	Pieces: 10	**124-60005**	Pieces: 10	**154-60005**	Pieces: 10
157-60005	Pieces: 10	**161-60005**	Pieces: 10	**200-60005**	Pieces: 10
220-60005	Pieces: 10	**221-60005**	Pieces: 10		

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-61208 Pieces: 10 **101-61208** Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-61200 Pieces: 10 **101-61200** Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Two-pole switch, 16 A

16 A
250 Vac

BASE

170-01305 Pieces: 10 With plug-in terminals, for claw fixing

170-01315 Pieces: 10 With plug-in terminals, for screw fixing

170-01300 Pieces: 10 With screw terminals, for claw fixing

170-01301 Pieces: 10 With screw terminals, for screw fixing

170-71305 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-71315 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-71300 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-71301 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-61105	Pieces: 20	**101-61105**	Pieces: 20	**102-61105**	Pieces: 20
104-61105	Pieces: 20	**121-61105**	Pieces: 10	**122-61105**	Pieces: 10
123-61105	Pieces: 10	**124-61105**	Pieces: 10	**154-61105**	Pieces: 10
157-61105	Pieces: 10	**161-61105**	Pieces: 10	**200-61105**	Pieces: 10
220-61105	Pieces: 10	**221-61105**	Pieces: 10		

FINISHING SET WITH TRANSPARENT TEXT FIELD

100-60905	Pieces: 20	**101-60905**	Pieces: 20	**102-60905**	Pieces: 20
104-60905	Pieces: 20	**121-60905**	Pieces: 10	**122-60905**	Pieces: 10
123-60905	Pieces: 10	**124-60905**	Pieces: 10	**154-60905**	Pieces: 10
157-60905	Pieces: 10	**161-60905**	Pieces: 10	**200-60905**	Pieces: 10
220-60905	Pieces: 10	**221-60905**	Pieces: 10		

FINISHING SET WITH SMALL TRANSPARENT WINDOW (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

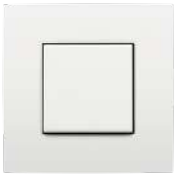
100-60005	Pieces: 20	**101-60005**	Pieces: 20	**102-60005**	Pieces: 20
104-60005	Pieces: 20	**121-60005**	Pieces: 10	**122-60005**	Pieces: 10
123-60005	Pieces: 10	**124-60005**	Pieces: 10	**154-60005**	Pieces: 10
157-60005	Pieces: 10	**161-60005**	Pieces: 10	**200-60005**	Pieces: 10
220-60005	Pieces: 10	**221-60005**	Pieces: 10		

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-61308 Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-61300 Pieces: 10



Two-way switch

10 A
250 Vac

BASE

170-01605 Pieces: 10 With plug-in terminals, for claw fixing

170-01615 Pieces: 10 With plug-in terminals, for screw fixing

170-01600 Pieces: 10 With screw terminals, for claw fixing

170-01601 Pieces: 10 With screw terminals, for screw fixing

170-71605 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-71615 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-71600 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-71601 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-61105 Pieces: 20
104-61105 Pieces: 20
123-61105 Pieces: 10
157-61105 Pieces: 10
220-61105 Pieces: 10
101-61105 Pieces: 20
121-61105 Pieces: 10
124-61105 Pieces: 10
161-61105 Pieces: 10
221-61105 Pieces: 10
102-61105 Pieces: 20
122-61105 Pieces: 10
154-61105 Pieces: 10
200-61105 Pieces: 10

FINISHING SET WITH TRANSPARENT TEXT FIELD

100-60905 Pieces: 20
104-60905 Pieces: 20
123-60905 Pieces: 10
157-60905 Pieces: 10
220-60905 Pieces: 10
101-60905 Pieces: 20
121-60905 Pieces: 10
124-60905 Pieces: 10
161-60905 Pieces: 10
221-60905 Pieces: 10
102-60905 Pieces: 20
122-60905 Pieces: 10
154-60905 Pieces: 10
200-60905 Pieces: 10

FINISHING SET WITH SMALL TRANSPARENT WINDOW (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

100-60005 Pieces: 20
104-60005 Pieces: 20
123-60005 Pieces: 10
157-60005 Pieces: 10
220-60005 Pieces: 10
101-60005 Pieces: 20
121-60005 Pieces: 10
124-60005 Pieces: 10
161-60005 Pieces: 10
221-60005 Pieces: 10
102-60005 Pieces: 20
122-60005 Pieces: 10
154-60005 Pieces: 10
200-60005 Pieces: 10

FINISHING SET FOR MECHANICALLY CONTROLLED VENTILATION CONTROL

100-61106 Pieces: 20
104-61106 Pieces: 20
123-61106 Pieces: 10
157-61106 Pieces: 10
220-61106 Pieces: 10
101-61106 Pieces: 20
121-61106 Pieces: 10
124-61106 Pieces: 10
161-61106 Pieces: 10
221-61106 Pieces: 10
102-61106 Pieces: 20
122-61106 Pieces: 10
154-61106 Pieces: 10
200-61106 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

COMPLETE UNIT WITH PLUG-IN TERMINALS, FOR SCREW FIXING

100-61608 Pieces: 10 **101-61608** Pieces: 10

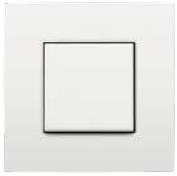
COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-61600 Pieces: 10 **101-61600** Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS, FOR SCREW FIXING

100-81615 Pieces: 10 **101-81615** Pieces: 10

Two-way switch, 16 A



16 A
250 Vac

BASE

170-01617 Pieces: 10 With plug-in terminals, for claw fixing

170-01671 Pieces: 10 With plug-in terminals, for screw fixing

170-01616 Pieces: 10 With screw terminals, for claw fixing

170-01661 Pieces: 10 With screw terminals, for screw fixing

170-71617 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-71671 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-71616 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-71661 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-61105 Pieces: 20
104-61105 Pieces: 20
123-61105 Pieces: 10
157-61105 Pieces: 10
220-61105 Pieces: 10
101-61105 Pieces: 20
121-61105 Pieces: 10
124-61105 Pieces: 10
161-61105 Pieces: 10
221-61105 Pieces: 10
102-61105 Pieces: 20
122-61105 Pieces: 10
154-61105 Pieces: 10
200-61105 Pieces: 10

FINISHING SET WITH TRANSPARENT TEXT FIELD

100-60905 Pieces: 20
104-60905 Pieces: 20
123-60905 Pieces: 10
157-60905 Pieces: 10
220-60905 Pieces: 10
101-60905 Pieces: 20
121-60905 Pieces: 10
124-60905 Pieces: 10
161-60905 Pieces: 10
221-60905 Pieces: 10
102-60905 Pieces: 20
122-60905 Pieces: 10
154-60905 Pieces: 10
200-60905 Pieces: 10

FINISHING SET WITH SMALL TRANSPARENT WINDOW (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

100-60005	Pieces: 20	**101-60005**	Pieces: 20	**102-60005**	Pieces: 20
104-60005	Pieces: 20	**121-60005**	Pieces: 10	**122-60005**	Pieces: 10
123-60005	Pieces: 10	**124-60005**	Pieces: 10	**154-60005**	Pieces: 10
157-60005	Pieces: 10	**161-60005**	Pieces: 10	**200-60005**	Pieces: 10
220-60005	Pieces: 10	**221-60005**	Pieces: 10		

FINISHING SET FOR MECHANICALLY CONTROLLED VENTILATION CONTROL

100-61106	Pieces: 20	**101-61106**	Pieces: 20	**102-61106**	Pieces: 20
104-61106	Pieces: 20	**121-61106**	Pieces: 10	**122-61106**	Pieces: 10
123-61106	Pieces: 10	**124-61106**	Pieces: 10	**154-61106**	Pieces: 10
157-61106	Pieces: 10	**161-61106**	Pieces: 10	**200-61106**	Pieces: 10
220-61106	Pieces: 10	**221-61106**	Pieces: 10		

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-61618	Pieces: 10	**101-61618**	Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-61616	Pieces: 10	**101-61616**	Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Intermediate switch

10 A
250 Vac

BASE

170-01705 Pieces: 10 With plug-in terminals, for claw fixing

170-01715 Pieces: 10 With plug-in terminals, for screw fixing

170-01700 Pieces: 10 With screw terminals, for claw fixing

170-01701 Pieces: 10 With screw terminals, for screw fixing

170-71705 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-71715 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-71700 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-71701 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-61105 Pieces: 20
104-61105 Pieces: 20
123-61105 Pieces: 10
157-61105 Pieces: 10
220-61105 Pieces: 10
101-61105 Pieces: 20
121-61105 Pieces: 10
124-61105 Pieces: 10
161-61105 Pieces: 10
221-61105 Pieces: 10
102-61105 Pieces: 20
122-61105 Pieces: 10
154-61105 Pieces: 10
200-61105 Pieces: 10

FINISHING SET WITH TRANSPARENT TEXT FIELD

100-60905 Pieces: 20
104-60905 Pieces: 20
123-60905 Pieces: 10
157-60905 Pieces: 10
220-60905 Pieces: 10
101-60905 Pieces: 20
121-60905 Pieces: 10
124-60905 Pieces: 10
161-60905 Pieces: 10
221-60905 Pieces: 10
102-60905 Pieces: 20
122-60905 Pieces: 10
154-60905 Pieces: 10
200-60905 Pieces: 10

FINISHING SET WITH SMALL TRANSPARENT WINDOW (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

100-60005 Pieces: 20
104-60005 Pieces: 20
123-60005 Pieces: 10
157-60005 Pieces: 10
220-60005 Pieces: 10
101-60005 Pieces: 20
121-60005 Pieces: 10
124-60005 Pieces: 10
161-60005 Pieces: 10
221-60005 Pieces: 10
102-60005 Pieces: 20
122-60005 Pieces: 10
154-60005 Pieces: 10
200-60005 Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-61708 Pieces: 10
101-61708 Pieces: 10

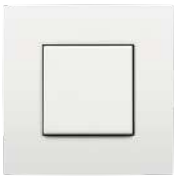
COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-61700 Pieces: 10
101-61700 Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS, FOR SCREW FIXING

100-81715 Pieces: 10
101-81715 Pieces: 10

4.A
4.B
4.C
4.D
4.E
4.F



Two-pole two-way switch

10 A
250 Vac

BASE

170-02205 Pieces: 10 With plug-in terminals, for claw fixing

170-02215 Pieces: 10 With plug-in terminals, for screw fixing

170-02200 Pieces: 10 With screw terminals, for claw fixing

170-02201 Pieces: 10 With screw terminals, for screw fixing

170-72205 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-72215 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-72200 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-72201 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-61105 Pieces: 20
104-61105 Pieces: 20
123-61105 Pieces: 10
157-61105 Pieces: 10
220-61105 Pieces: 10
101-61105 Pieces: 20
121-61105 Pieces: 10
124-61105 Pieces: 10
161-61105 Pieces: 10
221-61105 Pieces: 10
102-61105 Pieces: 20
122-61105 Pieces: 10
154-61105 Pieces: 10
200-61105 Pieces: 10

FINISHING SET WITH TRANSPARENT TEXT FIELD

100-60905 Pieces: 20
104-60905 Pieces: 20
123-60905 Pieces: 10
157-60905 Pieces: 10
220-60905 Pieces: 10
101-60905 Pieces: 20
121-60905 Pieces: 10
124-60905 Pieces: 10
161-60905 Pieces: 10
221-60905 Pieces: 10
102-60905 Pieces: 20
122-60905 Pieces: 10
154-60905 Pieces: 10
200-60905 Pieces: 10

FINISHING SET WITH SMALL TRANSPARENT WINDOW (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

100-60005 Pieces: 20
104-60005 Pieces: 20
123-60005 Pieces: 10
157-60005 Pieces: 10
220-60005 Pieces: 10
101-60005 Pieces: 20
121-60005 Pieces: 10
124-60005 Pieces: 10
161-60005 Pieces: 10
221-60005 Pieces: 10
102-60005 Pieces: 20
122-60005 Pieces: 10
154-60005 Pieces: 10
200-60005 Pieces: 10

FINISHING SET FOR MECHANICALLY CONTROLLED VENTILATION CONTROL

100-61106 Pieces: 20
104-61106 Pieces: 20
123-61106 Pieces: 10
157-61106 Pieces: 10
220-61106 Pieces: 10
101-61106 Pieces: 20
121-61106 Pieces: 10
124-61106 Pieces: 10
161-61106 Pieces: 10
221-61106 Pieces: 10
102-61106 Pieces: 20
122-61106 Pieces: 10
154-61106 Pieces: 10
200-61106 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-62208 Pieces: 10 **101-62208** Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-62200 Pieces: 10 **101-62200** Pieces: 10

Hotel card switch, NO or NC

The LED lighting element needs to be ordered separately (see accessories). This switch is suitable for cards having a thickness of 0.75 to 1.2 mm and a width of 45 to 54 mm.

BASE

	170-03005	Pieces: 10	With plug-in terminals, for claw fixing
	170-03015	Pieces: 10	With plug-in terminals, for screw fixing
	170-03000	Pieces: 10	With screw terminals, for claw fixing
	170-03001	Pieces: 10	With screw terminals, for screw fixing
	170-73005	Pieces: 10	With plug-in terminals, for claw fixing (centre distance: 71 mm)
	170-73015	Pieces: 10	With plug-in terminals, for screw fixing (centre distance: 71 mm)
	170-73000	Pieces: 10	With screw terminals, for claw fixing (centre distance: 71 mm)
	170-73001	Pieces: 10	With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-61901	Pieces: 10	**101-61901**	Pieces: 10	**102-61901**	Pieces: 10
104-61901	Pieces: 10	**121-61901**	Pieces: 10	**122-61901**	Pieces: 10
123-61901	Pieces: 10	**124-61901**	Pieces: 10	**154-61901**	Pieces: 10
157-61901	Pieces: 10	**161-61901**	Pieces: 10	**200-61901**	Pieces: 10
220-61901	Pieces: 10	**221-61901**	Pieces: 10		

COMPLETE UNIT WITH PLUG-IN TERMINALS, FOR SCREW FIXING

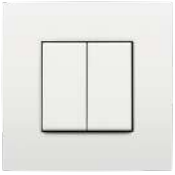
100-61908	Pieces: 10	**101-61908**	Pieces: 10	**102-61908**	Pieces: 10
104-61908	Pieces: 10	**121-61908**	Pieces: 10	**122-61908**	Pieces: 10
123-61908	Pieces: 10	**124-61908**	Pieces: 10	**154-61908**	Pieces: 10
157-61908	Pieces: 10	**161-61908**	Pieces: 10	**200-61908**	Pieces: 1
220-61908	Pieces: 10	**221-61908**	Pieces: 10		

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-61900	Pieces: 10	**101-61900**	Pieces: 10	**102-61900**	Pieces: 10
104-61900	Pieces: 10	**121-61900**	Pieces: 10	**122-61900**	Pieces: 10
123-61900	Pieces: 10	**124-61900**	Pieces: 10	**154-61900**	Pieces: 10
157-61900	Pieces: 10	**161-61900**	Pieces: 10	**200-61900**	Pieces: 10
220-61900	Pieces: 10	**221-61900**	Pieces: 10		

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Two-circuit switch



10 A
250 Vac

BASE

170-01505 Pieces: 10 With plug-in terminals, for claw fixing

170-01515 Pieces: 10 With plug-in terminals, for screw fixing

170-01500 Pieces: 10 With screw terminals, for claw fixing

170-01501 Pieces: 10 With screw terminals, for screw fixing

170-71505 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-71515 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-71500 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-71501 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-61505	Pieces: 20	**101-61505**	Pieces: 20	**102-61505**	Pieces: 20
104-61505	Pieces: 20	**121-61505**	Pieces: 10	**122-61505**	Pieces: 10
123-61505	Pieces: 10	**124-61505**	Pieces: 10	**154-61505**	Pieces: 10
157-61505	Pieces: 10	**161-61505**	Pieces: 10	**200-61505**	Pieces: 10
220-61505	Pieces: 10	**221-61505**	Pieces: 10		

FINISHING SET WITH TWO SMALL TRANSPARENT WINDOWS (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

100-61507	Pieces: 20	**101-61507**	Pieces: 20	**102-61507**	Pieces: 20
104-61507	Pieces: 20	**121-61507**	Pieces: 10	**122-61507**	Pieces: 10
123-61507	Pieces: 10	**124-61507**	Pieces: 10	**154-61507**	Pieces: 10
157-61507	Pieces: 10	**161-61507**	Pieces: 10	**200-61507**	Pieces: 10
220-61507	Pieces: 10	**221-61507**	Pieces: 10		

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

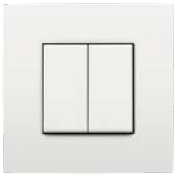
100-61508 Pieces: 10 **101-61508** Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-61500 Pieces: 10 **101-61500** Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS, FOR SCREW FIXING

100-81515 Pieces: 10 **101-81515** Pieces: 10



Two-way switch + NO or NC push-button

10 A
250 Vac

BASE

170-05605 Pieces: 10 With plug-in terminals, for claw fixing

170-05615 Pieces: 10 With plug-in terminals, for screw fixing

170-05600 Pieces: 10 With screw terminals, for claw fixing

170-05601 Pieces: 10 With screw terminals, for screw fixing

170-75605 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-75615 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-75600 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-75601 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-61505 Pieces: 20
104-61505 Pieces: 20
123-61505 Pieces: 10
157-61505 Pieces: 10
220-61505 Pieces: 10
101-61505 Pieces: 20
121-61505 Pieces: 10
124-61505 Pieces: 10
161-61505 Pieces: 10
221-61505 Pieces: 10
102-61505 Pieces: 20
122-61505 Pieces: 10
154-61505 Pieces: 10
200-61505 Pieces: 10

FINISHING SET WITH TWO SMALL TRANSPARENT WINDOWS (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

100-61507 Pieces: 20
104-61507 Pieces: 20
123-61507 Pieces: 10
157-61507 Pieces: 10
220-61507 Pieces: 10
101-61507 Pieces: 20
121-61507 Pieces: 10
124-61507 Pieces: 10
161-61507 Pieces: 10
221-61507 Pieces: 10
102-61507 Pieces: 20
122-61507 Pieces: 10
154-61507 Pieces: 10
200-61507 Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

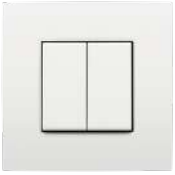
100-65018 Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-65016 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Double two-way switch



10 A
250 Vac

BASE

170-02605 Pieces: 10 With plug-in terminals, for claw fixing

170-02615 Pieces: 10 With plug-in terminals, for screw fixing

170-02600 Pieces: 10 With screw terminals, for claw fixing

170-02601 Pieces: 10 With screw terminals, for screw fixing

170-72605 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-72615 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-72600 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-72601 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-61505	Pieces: 20	**101-61505**	Pieces: 20	**102-61505**	Pieces: 20
104-61505	Pieces: 20	**121-61505**	Pieces: 10	**122-61505**	Pieces: 10
123-61505	Pieces: 10	**124-61505**	Pieces: 10	**154-61505**	Pieces: 10
157-61505	Pieces: 10	**161-61505**	Pieces: 10	**200-61505**	Pieces: 10
220-61505	Pieces: 10	**221-61505**	Pieces: 10		

FINISHING SET WITH TWO SMALL TRANSPARENT WINDOWS (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

100-61507	Pieces: 20	**101-61507**	Pieces: 20	**102-61507**	Pieces: 20
104-61507	Pieces: 20	**121-61507**	Pieces: 10	**122-61507**	Pieces: 10
123-61507	Pieces: 10	**124-61507**	Pieces: 10	**154-61507**	Pieces: 10
157-61507	Pieces: 10	**161-61507**	Pieces: 10	**200-61507**	Pieces: 10
220-61507	Pieces: 10	**221-61507**	Pieces: 10		

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-62608 Pieces: 10 **101-62608** Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-62600 Pieces: 10 **101-62600** Pieces: 10

Single-pole control switch with three connection terminals

10 A
250 Vac

BASE

170-07105 Pieces: 10 With plug-in terminals, for claw fixing

170-07115 Pieces: 10 With plug-in terminals, for screw fixing

170-07100 Pieces: 10 With screw terminals, for claw fixing

170-07101 Pieces: 10 With screw terminals, for screw fixing

170-77105 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-77115 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-77100 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-77101 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET WITH SMALL TRANSPARENT WINDOW (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

100-60005 Pieces: 20
104-60005 Pieces: 20
123-60005 Pieces: 10
157-60005 Pieces: 10
220-60005 Pieces: 10
101-60005 Pieces: 20
121-60005 Pieces: 10
124-60005 Pieces: 10
161-60005 Pieces: 10
221-60005 Pieces: 10
102-60005 Pieces: 20
122-60005 Pieces: 10
154-60005 Pieces: 10
200-60005 Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-67108 Pieces: 10
101-67108 Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-67100 Pieces: 10
101-67100 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Two-pole control switch

10 A
250 Vac

BASE

170-01205 Pieces: 10 With plug-in terminals, for claw fixing

170-01215 Pieces: 10 With plug-in terminals, for screw fixing

170-01200 Pieces: 10 With screw terminals, for claw fixing

170-01201 Pieces: 10 With screw terminals, for screw fixing

170-71205 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-71215 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-71200 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-71201 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET WITH SMALL TRANSPARENT WINDOW (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

100-60005 Pieces: 20
104-60005 Pieces: 20
123-60005 Pieces: 10
157-60005 Pieces: 10
220-60005 Pieces: 10

101-60005 Pieces: 20
121-60005 Pieces: 10
124-60005 Pieces: 10
161-60005 Pieces: 10
221-60005 Pieces: 10

102-60005 Pieces: 20
122-60005 Pieces: 10
154-60005 Pieces: 10
200-60005 Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS, FOR SCREW FIXING

100-67208 Pieces: 10

101-67208 Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-67200 Pieces: 10

101-67200 Pieces: 10

Two-pole control switch, 16 A

16 A
250 Vac

BASE

170-01305 Pieces: 10 With plug-in terminals, for claw fixing

170-01315 Pieces: 10 With plug-in terminals, for screw fixing

170-01300 Pieces: 10 With screw terminals, for claw fixing

170-01301 Pieces: 10 With screw terminals, for screw fixing

170-71305 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-71315 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-71300 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-71301 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET WITH SMALL TRANSPARENT WINDOW (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

100-60005 Pieces: 20
104-60005 Pieces: 20
123-60005 Pieces: 10
157-60005 Pieces: 10
220-60005 Pieces: 10
101-60005 Pieces: 20
121-60005 Pieces: 10
124-60005 Pieces: 10
161-60005 Pieces: 10
221-60005 Pieces: 10
102-60005 Pieces: 20
122-60005 Pieces: 10
154-60005 Pieces: 10
200-60005 Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS, FOR SCREW FIXING

100-67308 Pieces: 10
101-67308 Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-67300 Pieces: 10
101-67300 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Two-way control switch with four connection terminals

10 A
250 Vac

BASE

170-07605 Pieces: 10 With plug-in terminals, for claw fixing

170-07615 Pieces: 10 With plug-in terminals, for screw fixing

170-07600 Pieces: 10 With screw terminals, for claw fixing

170-07601 Pieces: 10 With screw terminals, for screw fixing

170-77605 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-77615 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-77600 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-77601 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET WITH SMALL TRANSPARENT WINDOW (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

100-60005 Pieces: 20
104-60005 Pieces: 20
123-60005 Pieces: 10
157-60005 Pieces: 10
220-60005 Pieces: 10

101-60005 Pieces: 20
121-60005 Pieces: 10
124-60005 Pieces: 10
161-60005 Pieces: 10
221-60005 Pieces: 10

102-60005 Pieces: 20
122-60005 Pieces: 10
154-60005 Pieces: 10
200-60005 Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-67608 Pieces: 10

101-67608 Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-67600 Pieces: 10

101-67600 Pieces: 10

Two-pole pull switch

10 A
250 Vac

BASE

170-01205 Pieces: 10 With plug-in terminals, for claw fixing

170-01215 Pieces: 10 With plug-in terminals, for screw fixing

170-01200 Pieces: 10 With screw terminals, for claw fixing

170-01201 Pieces: 10 With screw terminals, for screw fixing

170-71205 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-71215 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-71200 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-71201 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-63606 Pieces: 10
104-63606 Pieces: 10
123-63606 Pieces: 10
157-63606 Pieces: 10
220-63606 Pieces: 10

101-63606 Pieces: 10
121-63606 Pieces: 10
124-63606 Pieces: 10
161-63606 Pieces: 10
221-63606 Pieces: 10

102-63606 Pieces: 10
122-63606 Pieces: 10
154-63606 Pieces: 10
200-63606 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Two-pole pull switch, 16 A

16 A
250 Vac

BASE

170-01305 Pieces: 10 With plug-in terminals, for claw fixing

170-01315 Pieces: 10 With plug-in terminals, for screw fixing

170-01300 Pieces: 10 With screw terminals, for claw fixing

170-01301 Pieces: 10 With screw terminals, for screw fixing

170-71305 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-71315 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-71300 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-71301 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-63606 Pieces: 10
104-63606 Pieces: 10
123-63606 Pieces: 10
157-63606 Pieces: 10
220-63606 Pieces: 10

101-63606 Pieces: 10
121-63606 Pieces: 10
124-63606 Pieces: 10
161-63606 Pieces: 10
221-63606 Pieces: 10

102-63606 Pieces: 10
122-63606 Pieces: 10
154-63606 Pieces: 10
200-63606 Pieces: 10

Two-way pull switch

10 A
250 Vac

BASE

170-01605 Pieces: 10 With plug-in terminals, for claw fixing

170-01615 Pieces: 10 With plug-in terminals, for screw fixing

170-01600 Pieces: 10 With screw terminals, for claw fixing

170-01601 Pieces: 10 With screw terminals, for screw fixing

170-71605 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-71615 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

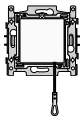
170-71600 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-71601 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

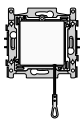
100-63606 Pieces: 10
104-63606 Pieces: 10
123-63606 Pieces: 10
157-63606 Pieces: 10
220-63606 Pieces: 10
101-63606 Pieces: 10
121-63606 Pieces: 10
124-63606 Pieces: 10
161-63606 Pieces: 10
221-63606 Pieces: 10
102-63606 Pieces: 10
122-63606 Pieces: 10
154-63606 Pieces: 10
200-63606 Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS



100-63608 Pieces: 10
101-63608 Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS



100-63600 Pieces: 10
101-63600 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Two-way pull switch, 16 A

16 A
250 Vac

BASE

170-01617 Pieces: 10 With plug-in terminals, for claw fixing

170-01671 Pieces: 10 With plug-in terminals, for screw fixing

170-01616 Pieces: 10 With screw terminals, for claw fixing

170-01661 Pieces: 10 With screw terminals, for screw fixing

170-71617 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-71671 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-71616 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-71661 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-63606 Pieces: 10
104-63606 Pieces: 10
123-63606 Pieces: 10
157-63606 Pieces: 10
220-63606 Pieces: 10

101-63606 Pieces: 10
121-63606 Pieces: 10
124-63606 Pieces: 10
161-63606 Pieces: 10
221-63606 Pieces: 10

102-63606 Pieces: 10
122-63606 Pieces: 10
154-63606 Pieces: 10
200-63606 Pieces: 10

Intermediate pull switch

10 A
250 Vac

BASE

170-01705 Pieces: 10 With plug-in terminals, for claw fixing

170-01715 Pieces: 10 With plug-in terminals, for screw fixing

170-01700 Pieces: 10 With screw terminals, for claw fixing

170-01701 Pieces: 10 With screw terminals, for screw fixing

170-71705 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-71715 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-71700 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-71701 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-63606 Pieces: 10
104-63606 Pieces: 10
123-63606 Pieces: 10
157-63606 Pieces: 10
220-63606 Pieces: 10

101-63606 Pieces: 10
121-63606 Pieces: 10
124-63606 Pieces: 10
161-63606 Pieces: 10
221-63606 Pieces: 10

102-63606 Pieces: 10
122-63606 Pieces: 10
154-63606 Pieces: 10
200-63606 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Pull push button, NO or NC

10 A
250 Vac

BASE

170-03005 Pieces: 10 With plug-in terminals, for claw fixing

170-03015 Pieces: 10 With plug-in terminals, for screw fixing

170-03000 Pieces: 10 With screw terminals, for claw fixing

170-03001 Pieces: 10 With screw terminals, for screw fixing

170-73005 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-73015 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-73000 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-73001 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-63906 Pieces: 10
104-63906 Pieces: 10
123-63906 Pieces: 10
157-63906 Pieces: 10
220-63906 Pieces: 10

101-63906 Pieces: 10
121-63906 Pieces: 10
124-63906 Pieces: 10
161-63906 Pieces: 10
221-63906 Pieces: 10

102-63906 Pieces: 10
122-63906 Pieces: 10
154-63906 Pieces: 10
200-63906 Pieces: 10

Two-pole time switch adjustable up to 15 minutes, 16 A

Use CE marked flush-mounting boxes for screw fixing with a flush-mounting depth of 50 mm.

- flush-mounting depth: 40 mm

t 16 A
250 Vac

BASE

170-04800 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET

100-64806 Pieces: 10
104-64806 Pieces: 10
123-64806 Pieces: 10
157-64806 Pieces: 10
220-64806 Pieces: 10

101-64806 Pieces: 10
121-64806 Pieces: 10
124-64806 Pieces: 10
161-64806 Pieces: 10
221-64806 Pieces: 10

102-64806 Pieces: 10
122-64806 Pieces: 10
154-64806 Pieces: 10
200-64806 Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS, FOR SCREW FIXING

100-64800 Pieces: 6

4.A
4.B
4.C
4.D
4.E
4.F

Two-pole time switch adjustable up to 120 minutes, 16 A

Use CE marked flush-mounting boxes for screw fixing with a flush-mounting depth of 50 mm.

- flush-mounting depth: 40 mm

t 16 A 250 Vac

BASE

170-04900 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET

100-64906	Pieces: 10	**101-64906**	Pieces: 10	**102-64906**	Pieces: 10
104-64906	Pieces: 10	**121-64906**	Pieces: 10	**122-64906**	Pieces: 10
123-64906	Pieces: 10	**124-64906**	Pieces: 10	**154-64906**	Pieces: 10
157-64906	Pieces: 10	**161-64906**	Pieces: 10	**200-64906**	Pieces: 10
220-64906	Pieces: 10	**221-64906**	Pieces: 10		

Roll-down shutter switch, electrically separated

This switch is used for controlling the motors of roll-down shutters, garage ports, venetian blinds and awnings via a bistable control (selection rotary direction-START-STOP). Select the rotary direction on the right-hand key and subsequently press 'START' to activate the motor. No need to stay near the switch while the motor is running to the end-run position. To change the rotary direction, first press 'STOP' at the top of the left-hand key, then select the new rotary direction on the right-hand key and subsequently press 'START' at the bottom of the left-hand key. This control is suitable for motors whose rotary direction is not to be changed frequently, and that does not require you to wait until the motor has reached its end-run position. This type of switch allows the motor capacitors to discharge, avoiding the end-run switches to stick.

10 A 250 Vac

BASE

170-05905 Pieces: 10 With plug-in terminals, for claw fixing

170-05915 Pieces: 10 With plug-in terminals, for screw fixing

170-05900 Pieces: 10 With screw terminals, for claw fixing

170-05901 Pieces: 10 With screw terminals, for screw fixing

170-75905 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-75915 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-75900 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-75901 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

FINISHING SET

100-65905	Pieces: 10	**101-65905**	Pieces: 10	**102-65905**	Pieces: 10
104-65905	Pieces: 10	**121-65905**	Pieces: 10	**122-65905**	Pieces: 10
123-65905	Pieces: 10	**124-65905**	Pieces: 10	**154-65905**	Pieces: 10
157-65905	Pieces: 10	**161-65905**	Pieces: 10	**200-65905**	Pieces: 10
220-65905	Pieces: 10	**221-65905**	Pieces: 10		

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-65908	Pieces: 10	**101-65908**	Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-65900	Pieces: 10	**101-65900**	Pieces: 10

Roll-down shutter push button, electrically separated

This push button is used for controlling the motors of roll-down shutters, garage ports, venetian blinds and awnings. Press the push button to activate the selected rotary direction. Upon releasing the push button, the motor will stop running (monostable). Keep pressing the push button until you have reached the position of your choice. The motor control switch (170-0590X), on the other hand, does not require you to wait until the end-run position has been reached.

10 A
250 Vac

BASE

170-15905	Pieces: 10	With plug-in terminals, for claw fixing

170-15915	Pieces: 10	With plug-in terminals, for screw fixing

170-15900	Pieces: 10	With screw terminals, for claw fixing

170-15901	Pieces: 10	With screw terminals, for screw fixing

170-85905	Pieces: 10	With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-85915	Pieces: 10	With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-85900	Pieces: 10	With screw terminals, for claw fixing (centre distance: 71 mm)

170-85901	Pieces: 10	With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-65914	Pieces: 10	**101-65914**	Pieces: 10	**102-65914**	Pieces: 10
104-65914	Pieces: 10	**121-65914**	Pieces: 10	**122-65914**	Pieces: 10
123-65914	Pieces: 10	**124-65914**	Pieces: 10	**154-65914**	Pieces: 10
157-65914	Pieces: 10	**161-65914**	Pieces: 10	**200-65914**	Pieces: 10
220-65914	Pieces: 10	**221-65914**	Pieces: 10		

4.A
4.B
4.C
4.D
4.E
4.F

Roll-down shutter push button, for electronic controls

This push button is used for controlling the motors of roll-down shutters, garage ports, venetian blinds, awnings, etc.

10 A
250 Vac

BASE

170-25905 Pieces: 10 With plug-in terminals, for claw fixing

170-25915 Pieces: 10 With plug-in terminals, for screw fixing

170-25900 Pieces: 10 With screw terminals, for claw fixing

170-25901 Pieces: 10 With screw terminals, for screw fixing

170-95905 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-95915 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-95900 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-95901 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-65918 Pieces: 10
104-65918 Pieces: 10
123-65918 Pieces: 10
157-65918 Pieces: 10
220-65918 Pieces: 10
101-65918 Pieces: 10
121-65918 Pieces: 10
124-65918 Pieces: 10
161-65918 Pieces: 10
221-65918 Pieces: 10
102-65918 Pieces: 10
122-65918 Pieces: 10
154-65918 Pieces: 10
200-65918 Pieces: 10

Pulse unit with rotary control, 25 A

The pulse unit with rotary control is used for controlling the motors of roll-down shutters, garage ports, venetian blinds, etc.

25 A
250 Vac

BASE

170-35900 Pieces: 10 With screw terminals, for claw fixing

170-35901 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET (UP/DOWN)

100-65926 Pieces: 10
104-65926 Pieces: 10
123-65926 Pieces: 10
157-65926 Pieces: 10
220-65926 Pieces: 10
101-65926 Pieces: 10
121-65926 Pieces: 10
124-65926 Pieces: 10
161-65926 Pieces: 10
221-65926 Pieces: 10
102-65926 Pieces: 10
122-65926 Pieces: 10
154-65926 Pieces: 10
200-65926 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Rotary switch for motors, three speeds (0-1-2 and 1-2-3), 20 A

20 A
250 Vac

BASE

170-45900 Pieces: 10 With screw terminals, for claw fixing

170-45901 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET (1-2-3)

100-65936 Pieces: 10	**101-65936** Pieces: 10	**102-65936** Pieces: 10
104-65936 Pieces: 10	**121-65936** Pieces: 10	**122-65936** Pieces: 10
123-65936 Pieces: 10	**124-65936** Pieces: 10	**154-65936** Pieces: 10
157-65936 Pieces: 10	**161-65936** Pieces: 10	**200-65936** Pieces: 10
220-65936 Pieces: 10	**221-65936** Pieces: 10	

FINISHING SET (0-1-2)

100-65937 Pieces: 10	**101-65937** Pieces: 10	**102-65937** Pieces: 10
104-65937 Pieces: 10	**121-65937** Pieces: 10	**122-65937** Pieces: 10
123-65937 Pieces: 10	**124-65937** Pieces: 10	**154-65937** Pieces: 10
157-65937 Pieces: 10	**161-65937** Pieces: 10	**200-65937** Pieces: 10
220-65937 Pieces: 10	**221-65937** Pieces: 10	

Rotary switch for motors, three speeds (1-0-2), 25 A

Also suitable for use with roll-down shutters if the finishing set 1XX-65926 will be used.

25 A
250 Vac

BASE

170-55900 Pieces: 10 With screw terminals, for claw fixing

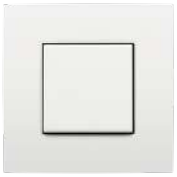
170-55901 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET (UP/DOWN)

100-65926 Pieces: 10	**101-65926** Pieces: 10	**102-65926** Pieces: 10
104-65926 Pieces: 10	**121-65926** Pieces: 10	**122-65926** Pieces: 10
123-65926 Pieces: 10	**124-65926** Pieces: 10	**154-65926** Pieces: 10
157-65926 Pieces: 10	**161-65926** Pieces: 10	**200-65926** Pieces: 10
220-65926 Pieces: 10	**221-65926** Pieces: 10	

FINISHING SET (1-0-2)

100-65938 Pieces: 10	**101-65938** Pieces: 10	**102-65938** Pieces: 10
104-65938 Pieces: 10	**121-65938** Pieces: 10	**122-65938** Pieces: 10
123-65938 Pieces: 10	**124-65938** Pieces: 10	**154-65938** Pieces: 10
157-65938 Pieces: 10	**161-65938** Pieces: 10	**200-65938** Pieces: 10
220-65938 Pieces: 10	**221-65938** Pieces: 10	



Push button with three connection terminals, NO

10 A
250 Vac

BASE

170-00005 Pieces: 10 With plug-in terminals, for claw fixing

170-00015 Pieces: 10 With plug-in terminals, for screw fixing

170-00000 Pieces: 10 With screw terminals, for claw fixing

170-00001 Pieces: 10 With screw terminals, for screw fixing

170-70005 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-70015 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-70000 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-70001 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-61105 Pieces: 20
104-61105 Pieces: 20
123-61105 Pieces: 10
157-61105 Pieces: 10
220-61105 Pieces: 10
101-61105 Pieces: 20
121-61105 Pieces: 10
124-61105 Pieces: 10
161-61105 Pieces: 10
221-61105 Pieces: 10
102-61105 Pieces: 20
122-61105 Pieces: 10
154-61105 Pieces: 10
200-61105 Pieces: 10

FINISHING SET WITH TRANSPARENT TEXT FIELD

100-60905 Pieces: 20
104-60905 Pieces: 20
123-60905 Pieces: 10
157-60905 Pieces: 10
220-60905 Pieces: 10
101-60905 Pieces: 20
121-60905 Pieces: 10
124-60905 Pieces: 10
161-60905 Pieces: 10
221-60905 Pieces: 10
102-60905 Pieces: 20
122-60905 Pieces: 10
154-60905 Pieces: 10
200-60905 Pieces: 10

FINISHING SET WITH SMALL TRANSPARENT WINDOW (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

100-60005 Pieces: 20
104-60005 Pieces: 20
123-60005 Pieces: 10
157-60005 Pieces: 10
220-60005 Pieces: 10
101-60005 Pieces: 20
121-60005 Pieces: 10
124-60005 Pieces: 10
161-60005 Pieces: 10
221-60005 Pieces: 10
102-60005 Pieces: 20
122-60005 Pieces: 10
154-60005 Pieces: 10
200-60005 Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-60018 Pieces: 10
101-60018 Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS, INCLUDING TEXT FIELD

100-60908 Pieces: 10
101-60908 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS, WITH TRANSPARENT LABELLING WINDOW

100-60008 Pieces: 10 **101-60008** Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

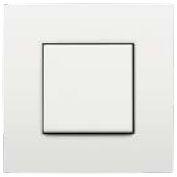
100-60010 Pieces: 10 **101-60010** Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS, INCLUDING TEXT FIELD

100-60900 Pieces: 10 **101-60900** Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS, INCLUDING SMALL TRANSPARENT WINDOW

100-60000 Pieces: 10 **101-60000** Pieces: 10



Push button with four connection terminals, NO or NC

10 A
250 Vac

BASE

170-03005 Pieces: 10 With plug-in terminals, for claw fixing

170-03015 Pieces: 10 With plug-in terminals, for screw fixing

170-03000 Pieces: 10 With screw terminals, for claw fixing

170-03001 Pieces: 10 With screw terminals, for screw fixing

170-73005 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-73015 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-73000 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-73001 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-61105 Pieces: 20
104-61105 Pieces: 20
123-61105 Pieces: 10
157-61105 Pieces: 10
220-61105 Pieces: 10
101-61105 Pieces: 20
121-61105 Pieces: 10
124-61105 Pieces: 10
161-61105 Pieces: 10
221-61105 Pieces: 10
102-61105 Pieces: 20
122-61105 Pieces: 10
154-61105 Pieces: 10
200-61105 Pieces: 10

FINISHING SET WITH TRANSPARENT TEXT FIELD

100-60905 Pieces: 20
104-60905 Pieces: 20
123-60905 Pieces: 10
157-60905 Pieces: 10
220-60905 Pieces: 10
101-60905 Pieces: 20
121-60905 Pieces: 10
124-60905 Pieces: 10
161-60905 Pieces: 10
221-60905 Pieces: 10
102-60905 Pieces: 20
122-60905 Pieces: 10
154-60905 Pieces: 10
200-60905 Pieces: 10

FINISHING SET WITH SMALL TRANSPARENT WINDOW (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

100-60005 Pieces: 20
104-60005 Pieces: 20
123-60005 Pieces: 10
157-60005 Pieces: 10
220-60005 Pieces: 10
101-60005 Pieces: 20
121-60005 Pieces: 10
124-60005 Pieces: 10
161-60005 Pieces: 10
221-60005 Pieces: 10
102-60005 Pieces: 20
122-60005 Pieces: 10
154-60005 Pieces: 10
200-60005 Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS, FOR SCREW FIXING

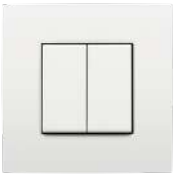
100-03008 Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-03000 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Double push button, NO or NC



10 A
250 Vac

BASE

170-05005 Pieces: 10 With plug-in terminals, for claw fixing

170-05015 Pieces: 10 With plug-in terminals, for screw fixing

170-05000 Pieces: 10 With screw terminals, for claw fixing

170-05001 Pieces: 10 With screw terminals, for screw fixing

170-75005 Pieces: 10 With plug-in terminals, for claw fixing (centre distance: 71 mm)

170-75015 Pieces: 10 With plug-in terminals, for screw fixing (centre distance: 71 mm)

170-75000 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-75001 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-61505 Pieces: 20
104-61505 Pieces: 20
123-61505 Pieces: 10
157-61505 Pieces: 10
220-61505 Pieces: 10

101-61505 Pieces: 20
121-61505 Pieces: 10
124-61505 Pieces: 10
161-61505 Pieces: 10
221-61505 Pieces: 10

102-61505 Pieces: 20
122-61505 Pieces: 10
154-61505 Pieces: 10
200-61505 Pieces: 10

FINISHING SET WITH TWO SMALL TRANSPARENT WINDOWS (SEE ACCESSORIES FOR LED LIGHTING ELEMENTS)

100-61507 Pieces: 20
104-61507 Pieces: 20
123-61507 Pieces: 10
157-61507 Pieces: 10
220-61507 Pieces: 10

101-61507 Pieces: 20
121-61507 Pieces: 10
124-61507 Pieces: 10
161-61507 Pieces: 10
221-61507 Pieces: 10

102-61507 Pieces: 20
122-61507 Pieces: 10
154-61507 Pieces: 10
200-61507 Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-65008 Pieces: 10

101-65008 Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-65000 Pieces: 10

101-65000 Pieces: 10

Push button (6 A) with E10 lamp with amber led

This push button is provided with an E10 lamp with amber 230 Vac LED. See accessories for other LED colours. The push button is:
- suitable for neon lamps (230 V) or LED lamps (6 V, 12 V, 24 V and 230 V) with an E10 lamp base.
- not suitable for incandescent lamps with an E10 lamp base.

6 A
250 Vac

BASE

170-04000 Pieces: 10 With screw terminals, for claw fixing

170-04001 Pieces: 10 With screw terminals, for screw fixing

170-74000 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-74001 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET WITH TRANSPARENT RING

100-64006	Pieces: 20	**101-64006**	Pieces: 20	**102-64006**	Pieces: 20
104-64006	Pieces: 20	**121-64006**	Pieces: 10	**122-64006**	Pieces: 10
123-64006	Pieces: 10	**124-64006**	Pieces: 10	**154-64006**	Pieces: 10
157-64006	Pieces: 10	**161-64006**	Pieces: 10	**200-64006**	Pieces: 10
220-64006	Pieces: 10	**221-64006**	Pieces: 10		

FINISHING SET WITH TRANSPARENT RING AND BELL SYMBOL

100-64007	Pieces: 20	**101-64007**	Pieces: 20	**102-64007**	Pieces: 20
104-64007	Pieces: 20	**121-64007**	Pieces: 10	**122-64007**	Pieces: 10
123-64007	Pieces: 10	**124-64007**	Pieces: 10	**154-64007**	Pieces: 10
157-64007	Pieces: 10	**161-64007**	Pieces: 10	**200-64007**	Pieces: 10
220-64007	Pieces: 10	**221-64007**	Pieces: 10		

FINISHING SET WITH TRANSPARENT RING AND LAMP SYMBOL

100-64008	Pieces: 20	**101-64008**	Pieces: 20	**102-64008**	Pieces: 20
104-64008	Pieces: 20	**121-64008**	Pieces: 10	**122-64008**	Pieces: 10
123-64008	Pieces: 10	**124-64008**	Pieces: 10	**154-64008**	Pieces: 10
157-64008	Pieces: 10	**161-64008**	Pieces: 10	**200-64008**	Pieces: 10
220-64008	Pieces: 10	**221-64008**	Pieces: 10		

FINISHING SET WITH TRANSPARENT RING AND KEY SYMBOL

100-64009	Pieces: 20	**101-64009**	Pieces: 20	**102-64009**	Pieces: 20
104-64009	Pieces: 20	**121-64009**	Pieces: 10	**122-64009**	Pieces: 10
123-64009	Pieces: 10	**124-64009**	Pieces: 10	**154-64009**	Pieces: 10
157-64009	Pieces: 10	**161-64009**	Pieces: 10	**200-64009**	Pieces: 10
220-64009	Pieces: 10	**221-64009**	Pieces: 10		

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS, TRANSPARENT RING AND E10 LAMP WITH AMBER LED

100-64000 Pieces: 10 **101-64000** Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Four-fold potential-free 24 V push button, NO

24 V

BASE

170-40050 Pieces: 6 With screw terminals, for claw fixing

170-40051 Pieces: 6 With screw terminals, for screw fixing

170-47050 Pieces: 6 With screw terminals, for claw fixing (centre distance: 71 mm)

170-47051 Pieces: 6 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-40050 Pieces: 6
104-40050 Pieces: 6
123-40050 Pieces: 6
157-40050 Pieces: 6
220-40050 Pieces: 6

101-40050 Pieces: 6
121-40050 Pieces: 6
124-40050 Pieces: 6
161-40050 Pieces: 6
221-40050 Pieces: 6

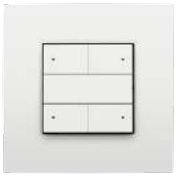
102-40050 Pieces: 6
122-40050 Pieces: 6
154-40050 Pieces: 6
200-40050 Pieces: 6

FINISHING SET WITH TRANSPARENT TEXT FIELD

100-40250 Pieces: 6
104-40250 Pieces: 6
123-40250 Pieces: 6
157-40250 Pieces: 6
220-40250 Pieces: 6

101-40250 Pieces: 6
121-40250 Pieces: 6
124-40250 Pieces: 6
161-40250 Pieces: 6
221-40250 Pieces: 6

102-40250 Pieces: 6
122-40250 Pieces: 6
154-40250 Pieces: 6
200-40250 Pieces: 6



Four-fold potential-free 24 V push button with leds, NO

24 V

BASE WITH AMBER LEDS

170-40150 Pieces: 6 With screw terminals, for claw fixing

170-40151 Pieces: 6 With screw terminals, for screw fixing

170-47150 Pieces: 6 With screw terminals, for claw fixing (centre distance: 71 mm)

170-47151 Pieces: 6 With screw terminals, for screw fixing (centre distance: 71 mm)

BASE WITH BLUE LEDS

170-40160 Pieces: 6 With screw terminals, for claw fixing

170-40161 Pieces: 6 With screw terminals, for screw fixing

170-47160 Pieces: 6 With screw terminals, for claw fixing (centre distance: 71 mm)

170-47161 Pieces: 6 With screw terminals, for screw fixing (centre distance: 71 mm)

BASE WITH WHITE LEDS

170-40170 Pieces: 6 With screw terminals, for claw fixing

170-40171 Pieces: 6 With screw terminals, for screw fixing

170-47170 Pieces: 6 With screw terminals, for claw fixing (centre distance: 71 mm)

170-47171 Pieces: 6 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-40150 Pieces: 6
104-40150 Pieces: 6
123-40150 Pieces: 6
157-40150 Pieces: 6
220-40150 Pieces: 6

101-40150 Pieces: 6
121-40150 Pieces: 6
124-40150 Pieces: 6
161-40150 Pieces: 6
221-40150 Pieces: 6

102-40150 Pieces: 6
122-40150 Pieces: 6
154-40150 Pieces: 6
200-40150 Pieces: 6

FINISHING SET WITH TRANSPARENT TEXT FIELD

100-40350 Pieces: 6
104-40350 Pieces: 6
123-40350 Pieces: 6
157-40350 Pieces: 6
220-40350 Pieces: 6

101-40350 Pieces: 6
121-40350 Pieces: 6
124-40350 Pieces: 6
161-40350 Pieces: 6
221-40350 Pieces: 6

102-40350 Pieces: 6
122-40350 Pieces: 6
154-40350 Pieces: 6
200-40350 Pieces: 6

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Six-fold potential-free 24 V push button, NO

24 V

BASE

170-60050 Pieces: 6 With screw terminals, for claw fixing

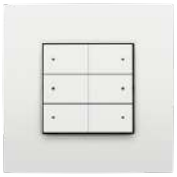
170-60051 Pieces: 6 With screw terminals, for screw fixing

170-67050 Pieces: 6 With screw terminals, for claw fixing (centre distance: 71 mm)

170-67051 Pieces: 6 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-60050	Pieces: 6	**101-60050**	Pieces: 6	**102-60050**	Pieces: 6
104-60050	Pieces: 6	**121-60050**	Pieces: 6	**122-60050**	Pieces: 6
123-60050	Pieces: 6	**124-60050**	Pieces: 6	**154-60050**	Pieces: 6
157-60050	Pieces: 6	**161-60050**	Pieces: 6	**200-60050**	Pieces: 6
220-60050	Pieces: 6	**221-60050**	Pieces: 6		



Six-fold potential-free 24 V push button with leds, NO

24 V

BASE WITH AMBER LEDS

170-60150 Pieces: 6 With screw terminals, for claw fixing

170-60151 Pieces: 6 With screw terminals, for screw fixing

170-67150 Pieces: 6 With screw terminals, for claw fixing (centre distance: 71 mm)

170-67151 Pieces: 6 With screw terminals, for screw fixing (centre distance: 71 mm)

BASE WITH BLUE LEDS

170-60160 Pieces: 6 With screw terminals, for claw fixing

170-60161 Pieces: 6 With screw terminals, for screw fixing

170-67160 Pieces: 6 With screw terminals, for claw fixing (centre distance: 71 mm)

170-67161 Pieces: 6 With screw terminals, for screw fixing (centre distance: 71 mm)

BASE WITH WHITE LEDS

170-60170 Pieces: 6 With screw terminals, for claw fixing

170-60171 Pieces: 6 With screw terminals, for screw fixing

170-67170 Pieces: 6 With screw terminals, for claw fixing (centre distance: 71 mm)

170-67171 Pieces: 6 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-60150 Pieces: 6
104-60150 Pieces: 6
123-60150 Pieces: 6
157-60150 Pieces: 6
220-60150 Pieces: 6

101-60150 Pieces: 6
121-60150 Pieces: 6
124-60150 Pieces: 6
161-60150 Pieces: 6
221-60150 Pieces: 6

102-60150 Pieces: 6
122-60150 Pieces: 6
154-60150 Pieces: 6
200-60150 Pieces: 6

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Electronic thermostat

Two-point control for central heating, electric heating or air conditioning.

- power supply voltage: 230 Vac, 50 Hz
- two operating modes: heating and air conditioning
- three-position switch: on (day setting), eco (night setting) and off (standby)
- adjustment range: 5 - 30 °C (adjustable)
- programming precision: ± 1 °C
- hysteresis: 1 °C
- mounting height: 1.5 m
- two-way contact: 8 A (potential-free)

COMPLETE UNIT FOR SCREW FIXING

100-88001	Pieces: 6	**101-88001**	Pieces: 6	**102-88001**	Pieces: 6
104-88001	Pieces: 6	**121-88001**	Pieces: 6	**122-88001**	Pieces: 6
123-88001	Pieces: 6	**124-88001**	Pieces: 6	**154-88001**	Pieces: 6
157-88001	Pieces: 6	**161-88001**	Pieces: 6	**200-88001**	Pieces: 6
220-88001	Pieces: 6	**221-88001**	Pieces: 6		

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-88000	Pieces: 6	**101-88000**	Pieces: 6	**102-88000**	Pieces: 6
104-88000	Pieces: 6	**121-88000**	Pieces: 6	**122-88000**	Pieces: 6
123-88000	Pieces: 6	**124-88000**	Pieces: 6	**154-88000**	Pieces: 6
157-88000	Pieces: 6	**161-88000**	Pieces: 6	**200-88000**	Pieces: 6
220-88000	Pieces: 6	**221-88000**	Pieces: 6		

Speed regulator for motors (ventilation)

- only to be used with electronic precharge 09-016-10
- built-in two-way switch
- power supply voltage: 230 Vac ± 10%, 40 - 60 Hz
- maximum load: 200 VA
- minimum load: 20 W
- minimum rotational speed adjustable
- thermal overload protection without reset function
- short-circuit protection via fuse (F 3.15 AH)
- built-in spare fuse
- connection terminals: 2 x 1.5 mm² or 1 x 2.5 mm²
- ambient temperature: 20 °C

BASE

310-01800 Pieces: 6 With screw terminals, for claw fixing

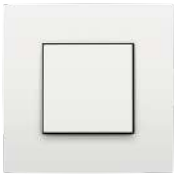
310-01801 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET

100-31000	Pieces: 10	**101-31000**	Pieces: 10	**102-31000**	Pieces: 10
104-31000	Pieces: 10	**121-31000**	Pieces: 10	**122-31000**	Pieces: 10
123-31000	Pieces: 10	**124-31000**	Pieces: 10	**154-31000**	Pieces: 10
157-31000	Pieces: 10	**161-31000**	Pieces: 10	**200-31000**	Pieces: 10
220-31000	Pieces: 10	**221-31000**	Pieces: 10		

ACCESSORY

09-016-10 Pieces: 6 Electronic precharge



Blind plate

BASE

170-68600 Pieces: 10 For claw fixing

170-68700 Pieces: 10 For screw fixing

170-68800 Pieces: 10 For claw fixing (centre distance: 71 mm)

170-68900 Pieces: 10 For screw fixing (centre distance: 71 mm)

BLIND PLATES 45X45 MM

100-76901 Pieces: 10
104-76901 Pieces: 10
123-76901 Pieces: 10
157-76901 Pieces: 10
220-76901 Pieces: 10

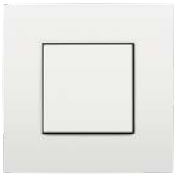
101-76901 Pieces: 10
121-76901 Pieces: 10
124-76901 Pieces: 10
161-76901 Pieces: 10
221-76901 Pieces: 10

102-76901 Pieces: 10
122-76901 Pieces: 10
154-76901 Pieces: 10
200-76901 Pieces: 10

COMPLETE UNIT FOR CLAW FIXING

100-76900 Pieces: 10

101-76900 Pieces: 10



Blind plate with strain relief

The finishing set has an opening of 6.6 mm which can be extended to 14.4 mm by removing the additional break-out surfaces.

BASE

170-00600 Pieces: 10 For claw fixing

170-00700 Pieces: 10 For screw fixing

170-00800 Pieces: 10 For claw fixing (centre distance: 71 mm)

170-00900 Pieces: 10 For screw fixing (centre distance: 71 mm)

FINISHING SET WITH CABLE OUTLET

100-76001 Pieces: 10
104-76001 Pieces: 10
123-76001 Pieces: 10
157-76001 Pieces: 10
220-76001 Pieces: 10

101-76001 Pieces: 10
121-76001 Pieces: 10
124-76001 Pieces: 10
161-76001 Pieces: 10
221-76001 Pieces: 10

102-76001 Pieces: 10
122-76001 Pieces: 10
154-76001 Pieces: 10
200-76001 Pieces: 10

COMPLETE UNIT WITH CABLE INLET, FOR CLAW FIXING

100-76000 Pieces: 10

101-76000 Pieces: 10

Led lighting elements

The LED lighting element with automatic connection has a signalling function when combined with a single-pole switch, a two-way or intermediate switch, an NO push button or an NO or NC push button.

In combination with a two-pole switch, this LED lighting element with automatic connection has a control function.

LED LIGHTING ELEMENTS SPECIFICALLY FOR SWITCHES WITH PLUG-IN TERMINALS (NOT FOR NIKO HYDRO)

	170-77023	Pieces: 10	With automatic connection, white, 230 Vac
	170-77123	Pieces: 10	With automatic connection, blue, 230 Vac
	170-77323	Pieces: 10	With automatic connection, amber, 230 Vac

LED LIGHTING ELEMENTS SPECIFICALLY FOR SWITCHES WITH SCREW TERMINALS

	170-37023	Pieces: 10	With automatic connection, white, 230 Vac
	170-37123	Pieces: 10	With automatic connection, blue, 230 Vac
	170-37323	Pieces: 10	With automatic connection, amber, 230 Vac

LED LIGHTING ELEMENTS

	170-37012	Pieces: 10	With wires, white, 12 Vac/Vdc
	170-37024	Pieces: 10	With wires, white, 24 Vac/Vdc
	170-37923	Pieces: 10	With wires, white, 230 Vac
	170-37212	Pieces: 10	With wires, blue, 12 Vac/Vdc
	170-37224	Pieces: 10	With wires, blue, 24 Vac/Vdc
	170-37223	Pieces: 10	With wires, blue, 230 Vac
	170-37424	Pieces: 10	With wires, amber, 24 Vac/Vdc
	170-37423	Pieces: 10	With wires, amber, 230 Vac
	170-37623	Pieces: 10	With wires, red, 230 Vac
	170-37823	Pieces: 10	With wires, green, 230 Vac

E10 lamps for 6 A push buttons

ACCESSORY

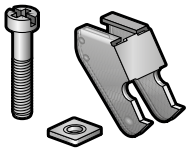
	170-37001	Pieces: 10	With amber 230 Vac LED
	170-37002	Pieces: 10	With blue 230 Vac LED
	170-37003	Pieces: 10	With red 230 Vac LED

Long claw

ACCESSORY

	170-71003	Pieces: 20	For switches and socket outlets

Claws



Set of claws, screws and nuts to switch from screw fixing to claw fixing. The set is suitable for 50 bases.

ACCESSORY

	170-71005	Pieces: 100	For switches
	170-71006	Pieces: 100	For socket outlets with screw terminals
	170-71007	Pieces: 100	For socket outlets with plug-in terminals
	170-71008	Pieces: 100	For 45 x 45 mm functions (RJ45, TV ...)

Label holder

The label holder is used for labelling, for example, switching material. It can be repositioned at another location and can be combined with all functions and the three series of faceplates (Niko Pure, Niko Intense and Niko Original). The label holder can be positioned left, right, at the bottom or at the top, and remains in position when removing the faceplate, e.g. for paintwork or cleaning.

- maximum label dimensions: 6 x 42 mm
- maximum text size: Arial 16 pt

ACCESSORY

	170-00096	Pieces: 50	Label holder

Protective cap for paintwork

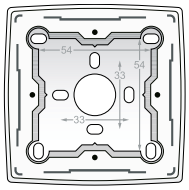
The protective cap is always placed over a mechanism equipped with a finishing set. It is suitable for the Niko Pure, Niko Intense and Niko Original series.

ACCESSORY

170-00099 Pieces: 100 Protective cap for paintwork

Surface-mounting boxes

These surface-mounting boxes are suitable for all flush-mounting devices from the Niko Original series (except for the time switches). They are mounted directly on the wall (screws supplied).



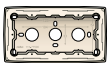
SINGLE SURFACE-MOUNTING BOX

100-77100 Pieces: 10

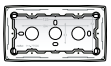
101-77100 Pieces: 10

102-77100 Pieces: 10

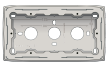
DOUBLE SURFACE-MOUNTING BOX



100-77500 Pieces: 5

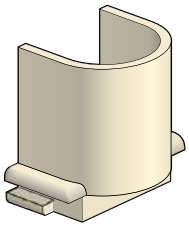


101-77500 Pieces: 5



102-77500 Pieces: 5

Conduit fittings



M16 CONDUIT FITTING

11-865 Pieces: 50 cream

31-865 Pieces: 50 white

M20 CONDUIT FITTING

11-866 Pieces: 50 cream

31-866 Pieces: 50 white

Electronic precharge

The electronic precharge replaces the classic ohmic load and can be easily flush mounted due to the extremely compact housing made of heat-resistant, thermoplastic material. It is safe in all flush-mounting circumstances due to a heating of merely 35 °C higher than the ambient temperature. The electronic precharge is up to 56% cooler than the normal solutions based on resistances (54% energy-saving compared to the classic ohmic load). It has to be connected in parallel to the primary circuit of the load.

- dimensions: 65 x 48 x 28 mm (HxWxD)
- weight: 0.270 kg
- ambient temperature: max. 40 °C

ACCESSORY

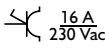
09-016-10	Pieces: 6	Electronic precharge

NEW

Connected switching socket outlet for Niko Home Control with pin earthing and shutters, Zigbee®

With this connected switching socket outlet with built-in consumption measurement, you choose extra comfort, peace of mind and energy awareness. The socket outlet can be perfectly installed in all new construction projects and can also easily replace an existing socket outlet in renovation projects (provided that appropriate wall mounting boxes are present) without adapting the wiring or circuit breakers.
You connect the socket outlet without additional wiring with a wireless switch and the wireless smart hub (552-00001) for Niko Home Control. That way you have full control over your socket outlets and you can easily create useful new functionalities, including all-off or all-on and panic functions, routines, calendar and scheduling functions, remote control via the app, insight in your energy consumption, consumption warnings on your smartphone, starting automatic actions when a consumption energy level is exceeded ...

- base for flush-mounting: flush-mounting depth 32,4 mm
- connection: plug-in terminals (3 x 2 x 2.5 mm²) with unlocking system
- input voltage: 230 Vac ± 10 %, 50 Hz
- standby consumption: 0.15 W
- ambient temperature: 0 - 40 °C
- protection degree: IP20-D
- marking: CE marked
- quality mark: CEBEC, NF
- maximum load: 16 A / 3680 W
- internal overcurrent protection: switches off at > 16 A
- internal overheating protection
- communication protocol: Zigbee® 3.0, 2.4 GHz
- Button on the device to switch the phase (L) on and off locally
- LED indicator for status and error information
- measuring precision: ± 0,5 W (1 - 5W), ± 5 % (5 - 3680 W). Valid for a normal voltage (230 Vac). This device should not be used for billing purposes. The data recorded by this device should be used for information purposes only.
- maximum per Niko Home Control installation: 25



BASE

170-33505 Pieces: 10 With plug-in terminals, for claw fixing

170-33605 Pieces: 10 With plug-in terminals, for screw fixing

FINISHING SET

100-66630	Pieces: 10	**101-66630**	Pieces: 10	**102-66630**	Pieces: 10
104-66630	Pieces: 10	**121-66630**	Pieces: 10	**122-66630**	Pieces: 10
123-66630	Pieces: 10	**124-66630**	Pieces: 10	**154-66630**	Pieces: 10
157-66630	Pieces: 10	**161-66630**	Pieces: 10	**200-66630**	Pieces: 10
220-66630	Pieces: 10	**221-66630**	Pieces: 10		

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Connected switching socket outlet for Niko Home Control with side earthing and shutters, Zigbee®

NEW

With this connected switching socket outlet with built-in consumption measurement, you choose extra comfort, peace of mind and energy awareness. The socket outlet can be perfectly installed in all new construction projects and can also easily replace an existing socket outlet in renovation projects (provided that appropriate wall mounting boxes are present) without adapting the wiring or circuit breakers.
You connect the socket outlet without additional wiring with a wireless switch and the wireless smart hub (552-00001) for Niko Home Control. That way you have full control over your socket outlets and you can easily create useful new functionalities, including all-off or all-on and panic functions, routines, calendar and scheduling functions, remote control via the app, insight in your energy consumption, consumption warnings on your smartphone, starting automatic actions when a consumption energy level is exceeded ...

- flush-mounting depth: 35.5 mm
- connection: plug-in terminals (3 x 2 x 2.5 mm²) with unlocking system
- suitable for standard flush-mounting boxes (min. depth: 50 mm)
- input voltage: 230 Vac ± 10 %, 50 Hz
- standby consumption: 0.15 W
- ambient temperature: 0 - 40 °C
- protection degree: IP20-D
- marking: CE marked
- maximum load: 16 A / 3680 W
- internal overcurrent protection: switches off at > 16 A
- internal overheating protection
- communication protocol: Zigbee® 3.0, 2.4 GHz
- Button on the device to switch the phase (L) on and off locally
- LED indicator for status and error information
- measuring precision: ± 0,5 W (1 - 5W), ± 5 % (5 - 3680 W). Valid for a normal voltage (230 Vac). This device should not be used for billing purposes. The data recorded by this device should be used for information purposes only.
- maximum per Niko Home Control installation: 25

16 A
230 Vac

BASE

170-34505 Pieces: 10 With plug-in terminals, for claw fixing

170-34605 Pieces: 10 With plug-in terminals, for screw fixing

FINISHING SET

100-66930 Pieces: 10	**101-66930** Pieces: 10	**102-66930** Pieces: 10
104-66930 Pieces: 10	**111-66930** Pieces: 10	**121-66930** Pieces: 10
122-66930 Pieces: 10	**123-66930** Pieces: 10	**124-66930** Pieces: 10
154-66930 Pieces: 10	**157-66930** Pieces: 10	**161-66930** Pieces: 10
200-66930 Pieces: 10	**220-66930** Pieces: 10	**221-66930** Pieces: 10

4.A
4.B
4.C
4.D
4.E
4.F

Socket outlet without earthing and with shutters

- flush-mounting depth: 21 mm

16 A
250 Vac

BASE

170-31300 Pieces: 10 With plug-in terminals, for claw fixing

170-31400 Pieces: 10 With plug-in terminals, for screw fixing

170-31100 Pieces: 10 With screw terminals, for claw fixing

170-31200 Pieces: 10 With screw terminals, for screw fixing

FINISHING SET

100-66501	Pieces: 20	**101-66501**	Pieces: 20	**102-66501**	Pieces: 20
104-66501	Pieces: 20	**121-66501**	Pieces: 10	**122-66501**	Pieces: 10
123-66501	Pieces: 10	**124-66501**	Pieces: 10	**154-66501**	Pieces: 10
157-66501	Pieces: 10	**161-66501**	Pieces: 10	**200-66501**	Pieces: 10
220-66501	Pieces: 10	**221-66501**	Pieces: 10		

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-66505 Pieces: 10 **101-66505** Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS, FOR SCREW FIXING

100-66515 Pieces: 10 **101-66515** Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-66500 Pieces: 10 **101-66500** Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Socket outlet with side earthing and shutters

- centre distance: 71 mm
- flush-mounting depth: 28.5 mm

16 A
250 Vac

BASE

170-34300 Pieces: 10 With plug-in terminals, for claw fixing

170-34400 Pieces: 10 With plug-in terminals, for screw fixing

170-34100 Pieces: 10 With screw terminals, for claw fixing

170-34200 Pieces: 10 With screw terminals, for screw fixing

FINISHING SET

100-66901	Pieces: 20	**101-66901**	Pieces: 20	**102-66901**	Pieces: 20
104-66901	Pieces: 20	**121-66901**	Pieces: 10	**122-66901**	Pieces: 10
123-66901	Pieces: 10	**124-66901**	Pieces: 10	**154-66901**	Pieces: 10
157-66901	Pieces: 10	**161-66901**	Pieces: 10	**200-66901**	Pieces: 10
220-66901	Pieces: 10	**221-66901**	Pieces: 10		

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-66905 Pieces: 10 **101-66905** Pieces: 10

COMPLETE UNIT WITH PLUG-IN TERMINALS, FOR SCREW FIXING

100-66915 Pieces: 10 **101-66915** Pieces: 10

4.A
4.B
4.C
4.D
4.E
4.F

Socket outlet with side earthing, shutters and voltage indication

- centre distance: 71 mm
- flush-mounting depth: 34 mm

16 A
250 Vac

BASE

170-34300 Pieces: 10 With plug-in terminals, for claw fixing

170-34400 Pieces: 10 With plug-in terminals, for screw fixing

170-34100 Pieces: 10 With screw terminals, for claw fixing

170-34200 Pieces: 10 With screw terminals, for screw fixing

FINISHING SET WITH SMALL TRANSPARENT WINDOW

100-66908 Pieces: 20
104-66908 Pieces: 20
123-66908 Pieces: 10
157-66908 Pieces: 10
220-66908 Pieces: 10

101-66908 Pieces: 20
121-66908 Pieces: 10
124-66908 Pieces: 10
161-66908 Pieces: 10
221-66908 Pieces: 10

102-66908 Pieces: 20
122-66908 Pieces: 10
154-66908 Pieces: 10
200-66908 Pieces: 10

ACCESSORIES FOR VOLTAGE INDICATION

170-37096 Pieces: 10 LED lighting element, amber

170-37097 Pieces: 10 LED lighting element, green

170-37098 Pieces: 10 LED lighting element, red

170-37099 Pieces: 10 LED lighting element, blue

170-37100 Pieces: 10 LED lighting element, white

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Socket outlet with side earthing, shutters and overvoltage protection

This socket outlet is used to protect sensitive electronic equipment (e.g. TV, hi-fi, pc, washing machines, dishwashers and medical equipment) against voltage peaks on the mains due to mains failure or indirect lightning strokes. It does not protect against voltage peaks entering the equipment via other ways (e.g. cable distribution, data lines and telephone lines). The socket outlet exclusively protects the connected device within the technical specifications as described below. The socket outlet carries the CEBEC quality mark in accordance with the IEC61643-1 and EN61643-11 standards (class III, type 3). The varistors that limit the voltage between the phase (L) and zero conductor (N) are thermally monitored. If the red LED lights up, the protection is no longer functioning (the protected device remains connected to the mains) and the overvoltage module needs to be replaced.

- nominal voltage: 250 Vac
- nominal current: 16 A
- overvoltage limitation (Up) (L-L/L-PE): 1.5 kV
- maximum peak voltage (Uoc): 4 kV
- flush-mounting depth: 38.5 mm
- suitable for flush-mounting boxes with a flush-mounting depth of 50 mm
- short-circuit current (Icc): 1.5 kA
- ambient temperature : -5 - 40 °C

16 A
250 Vac

BASE

170-34300 Pieces: 10 With plug-in terminals, for claw fixing

170-34400 Pieces: 10 With plug-in terminals, for screw fixing

170-34100 Pieces: 10 With screw terminals, for claw fixing

170-34200 Pieces: 10 With screw terminals, for screw fixing

FINISHING SET WITH SMALL TRANSPARENT WINDOW AND SYMBOL

100-66906	Pieces: 20	**101-66906**	Pieces: 20	**102-66906**	Pieces: 20
104-66906	Pieces: 20	**121-66906**	Pieces: 10	**122-66906**	Pieces: 10
123-66906	Pieces: 10	**124-66906**	Pieces: 10	**154-66906**	Pieces: 10
157-66906	Pieces: 10	**161-66906**	Pieces: 10	**200-66906**	Pieces: 10
220-66906	Pieces: 10	**221-66906**	Pieces: 10		

OVERVOLTAGE MODULE

170-37095 Pieces: 10 With red LED

Socket outlet with pin earthing and shutters

Belgian earthing system for special installations.

- flush-mounting depth: 28.5 mm

16 A
250 Vac

BASE

	170-33105	Pieces: 10	With plug-in terminals, for claw fixing
	170-33115	Pieces: 10	With plug-in terminals, for screw fixing
	170-33100	Pieces: 10	With screw terminals, for claw fixing
	170-33200	Pieces: 10	With screw terminals, for screw fixing
	170-73105	Pieces: 10	With plug-in terminals, for claw fixing
	170-73115	Pieces: 10	With plug-in terminals, for screw fixing
	170-73100	Pieces: 10	With screw terminals, for claw fixing
	170-73200	Pieces: 10	With screw terminals, for screw fixing

FINISHING SET

100-66601	Pieces: 20	**101-66601**	Pieces: 20	**102-66601**	Pieces: 20
104-66601	Pieces: 20	**121-66601**	Pieces: 10	**122-66601**	Pieces: 10
123-66601	Pieces: 10	**124-66601**	Pieces: 10	**154-66601**	Pieces: 10
157-66601	Pieces: 10	**161-66601**	Pieces: 10	**200-66601**	Pieces: 10
220-66601	Pieces: 10	**221-66601**	Pieces: 10		

FINISHING SET FOR SPECIFIC APPLICATIONS

197-66606	Pieces: 20	**198-66606**	Pieces: 20	**199-66606**	Pieces: 20

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-66605	Pieces: 10	**101-66605**	Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-66600	Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Socket outlet with pin earthing, shutters and hinged lid

- flush-mounting depth: 28.5 mm

16 A
250 Vac

BASE

	170-33105	Pieces: 10	With plug-in terminals, for claw fixing
	170-33115	Pieces: 10	With plug-in terminals, for screw fixing
	170-33100	Pieces: 10	With screw terminals, for claw fixing
	170-33200	Pieces: 10	With screw terminals, for screw fixing
	170-73105	Pieces: 10	With plug-in terminals, for claw fixing
	170-73115	Pieces: 10	With plug-in terminals, for screw fixing
	170-73100	Pieces: 10	With screw terminals, for claw fixing
	170-73200	Pieces: 10	With screw terminals, for screw fixing

FINISHING SET

100-66603	Pieces: 20	**101-66603**	Pieces: 20	**102-66603**	Pieces: 20
104-66603	Pieces: 20	**121-66603**	Pieces: 10	**122-66603**	Pieces: 10
123-66603	Pieces: 10	**124-66603**	Pieces: 10	**154-66603**	Pieces: 10
157-66603	Pieces: 10	**161-66603**	Pieces: 10	**200-66603**	Pieces: 10
220-66603	Pieces: 10	**221-66603**	Pieces: 10		

Socket outlet with pin earthing and shutters, limited flush-mounting depth

- flush-mounting depth: 21 mm

16 A
250 Vac

BASE

170-32105 Pieces: 10 With plug-in terminals, for claw fixing

170-32115 Pieces: 10 With plug-in terminals, for screw fixing

170-32100 Pieces: 10 With screw terminals, for claw fixing

170-32200 Pieces: 10 With screw terminals, for screw fixing

FINISHING SET

100-66101	Pieces: 20	**101-66101**	Pieces: 20	**102-66101**	Pieces: 20
104-66101	Pieces: 20	**121-66101**	Pieces: 10	**122-66101**	Pieces: 10
123-66101	Pieces: 10	**124-66101**	Pieces: 10	**154-66101**	Pieces: 10
157-66101	Pieces: 10	**161-66101**	Pieces: 10	**200-66101**	Pieces: 10
220-66101	Pieces: 10	**221-66101**	Pieces: 10		

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-66105 Pieces: 10 **101-66105** Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

100-66100 Pieces: 10 **101-66100** Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Socket outlet with pin earthing, shutters and voltage indication

- flush-mounting depth: 34 mm

16 A
250 Vac

BASE WITH AMBER LED

170-33112 Pieces: 10 With plug-in terminals, for claw fixing

170-33107 Pieces: 10 With screw terminals, for claw fixing

170-33117 Pieces: 10 With screw terminals, for screw fixing

FINISHING SET WITH SMALL TRANSPARENT WINDOW

100-66607 Pieces: 20	**101-66607** Pieces: 20	**102-66607** Pieces: 20
104-66607 Pieces: 20	**121-66607** Pieces: 10	**122-66607** Pieces: 10
123-66607 Pieces: 10	**124-66607** Pieces: 10	**154-66607** Pieces: 10
157-66607 Pieces: 10	**161-66607** Pieces: 10	**200-66607** Pieces: 10
220-66607 Pieces: 10	**221-66607** Pieces: 10	

FINISHING SET WITH SMALL TRANSPARENT WINDOW FOR SPECIFIC APPLICATIONS

197-66607 Pieces: 20 **198-66607** Pieces: 20 **199-66607** Pieces: 20

COMPLETE UNIT WITH PLUG-IN TERMINALS, CLAWS AND AMBER LED

100-66622 Pieces: 10 **101-66622** Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS AND AMBER LED

100-66617 Pieces: 10 **101-66617** Pieces: 10

ACCESSORIES FOR VOLTAGE INDICATION

170-37096 Pieces: 10 LED lighting element, amber

170-37097 Pieces: 10 LED lighting element, green

170-37098 Pieces: 10 LED lighting element, red

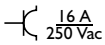
170-37099 Pieces: 10 LED lighting element, blue

170-37100 Pieces: 10 LED lighting element, white

Socket outlet with pin earthing, shutters and overvoltage protection

This socket outlet is used to protect sensitive electronic equipment (e.g. TV, hi-fi, pc, washing machines, dishwashers and medical equipment) against voltage peaks on the mains due to mains failure or indirect lightning strokes. It does not protect against voltage peaks entering the equipment via other ways (e.g. cable distribution, data lines and telephone lines). The socket outlet exclusively protects the connected device within the technical specifications as described below. The socket outlet carries the CEBEC quality mark in accordance with the IEC61643-1 and EN61643-11 standards (class III, type 3). The varistors that limit the voltage between the phase (L) and zero conductor (N) are thermally monitored. If the red LED lights up, the protection is no longer functioning (the protected device remains connected to the mains) and the overvoltage module needs to be replaced.

- nominal voltage: 250 Vac
- nominal current: 16 A
- overvoltage limitation (Up) (L-L/L-PE): 1.5 kV
- maximum peak voltage (Uoc): 4 kV
- flush-mounting depth: 38.5 mm
- suitable for flush-mounting boxes with a flush-mounting depth of 50 mm
- short-circuit current (Icc): 1.5 kA
- ambient temperature : -5 - 40 °C



BASE

	170-33105	Pieces: 10	With plug-in terminals, for claw fixing
	170-33115	Pieces: 10	With plug-in terminals, for screw fixing
	170-33100	Pieces: 10	With screw terminals, for claw fixing
	170-33200	Pieces: 10	With screw terminals, for screw fixing
	170-73105	Pieces: 10	With plug-in terminals, for claw fixing
	170-73115	Pieces: 10	With plug-in terminals, for screw fixing
	170-73100	Pieces: 10	With screw terminals, for claw fixing
	170-73200	Pieces: 10	With screw terminals, for screw fixing

FINISHING SET WITH SMALL TRANSPARENT WINDOW, INCLUDING OVERVOLTAGE MODULE WITH RED LED

100-66606	Pieces: 10	**101-66606**	Pieces: 10	**102-66606**	Pieces: 10
104-66606	Pieces: 10	**121-66606**	Pieces: 10	**122-66606**	Pieces: 10
123-66606	Pieces: 10	**124-66606**	Pieces: 10	**154-66606**	Pieces: 10
157-66606	Pieces: 10	**161-66606**	Pieces: 10	**200-66606**	Pieces: 10
220-66606	Pieces: 10	**221-66606**	Pieces: 10		

OVERVOLTAGE MODULE

	170-37095	Pieces: 10	With red LED

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

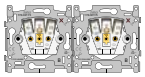
Double socket outlet with pin earthing and shutters, pre-wired, horizontal, limited flush-mounting depth

For mounting into a double flush-mounting box without dividing wall.

- flush-mounting depth: 21 mm

16 A
250 Vac

BASE



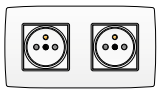
170-37715 Pieces: 5 With plug-in terminals, for screw fixing

170-37701 Pieces: 5 With screw terminals, for screw fixing

FINISHING SET

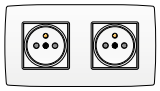
100-66101	Pieces: 20	**101-66101**	Pieces: 20	**102-66101**	Pieces: 20
104-66101	Pieces: 20	**121-66101**	Pieces: 10	**122-66101**	Pieces: 10
123-66101	Pieces: 10	**124-66101**	Pieces: 10	**154-66101**	Pieces: 10
157-66101	Pieces: 10	**161-66101**	Pieces: 10	**200-66101**	Pieces: 10
220-66101	Pieces: 10	**221-66101**	Pieces: 10		

COMPLETE UNIT WITH PLUG-IN TERMINALS, AND FACEPLATE, FOR SCREW FIXING



100-66125 Pieces: 5 **101-66125** Pieces: 5

COMPLETE UNIT WITH SCREW TERMINALS AND FACEPLATE, FOR SCREW FIXING



100-66102 Pieces: 5 **101-66102** Pieces: 5

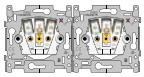
Double socket outlet with pin earthing and shutters, pre-wired, horizontal

For mounting into a double flush-mounting box without dividing wall.

- flush-mounting depth: 28.5 mm

16 A
250 Vac

BASE



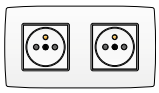
170-38715 Pieces: 5 With plug-in terminals, for screw fixing

170-38701 Pieces: 5 With screw terminals, for screw fixing

FINISHING SET

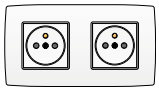
100-66601	Pieces: 20	**101-66601**	Pieces: 20	**102-66601**	Pieces: 20
104-66601	Pieces: 20	**121-66601**	Pieces: 10	**122-66601**	Pieces: 10
123-66601	Pieces: 10	**124-66601**	Pieces: 10	**154-66601**	Pieces: 10
157-66601	Pieces: 10	**161-66601**	Pieces: 10	**200-66601**	Pieces: 10
220-66601	Pieces: 10	**221-66601**	Pieces: 10		

COMPLETE UNIT WITH PLUG-IN TERMINALS, AND FACEPLATE, FOR SCREW FIXING



100-66625 Pieces: 5 **101-66625** Pieces: 5

COMPLETE UNIT WITH SCREW TERMINALS AND FACEPLATE, FOR SCREW FIXING



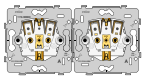
100-66602 Pieces: 5 **101-66602** Pieces: 5

Double socket outlet with side earthing and shutters, pre-wired, horizontal

- flush-mounting depth: 28.5 mm

16 A
250 Vac

BASE

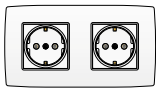


170-38800 Pieces: 5 With plug-in terminals, for screw fixing

FINISHING SET

100-66901	Pieces: 20	**101-66901**	Pieces: 20	**102-66901**	Pieces: 20
104-66901	Pieces: 20	**121-66901**	Pieces: 10	**122-66901**	Pieces: 10
123-66901	Pieces: 10	**124-66901**	Pieces: 10	**154-66901**	Pieces: 10
157-66901	Pieces: 10	**161-66901**	Pieces: 10	**200-66901**	Pieces: 10
220-66901	Pieces: 10	**221-66901**	Pieces: 10		

COMPLETE UNIT WITH PLUG-IN TERMINALS, FOR SCREW FIXING

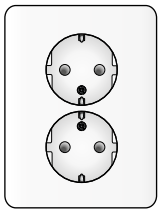


100-67940 Pieces: 5 **101-67940** Pieces: 5 **111-67940** Pieces: 5

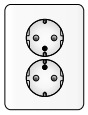
Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Double socket outlet with side earthing and shutters, vertical

Including faceplate with integrated central plate. For mounting into a single flush-mounting box.



COMPLETE UNIT WITH PLUG-IN TERMINALS, FOR SCREW FIXING

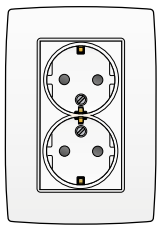


100-67865 Pieces: 10 **101-67865** Pieces: 10

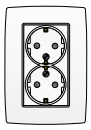
Double socket outlet with side earthing and shutters, ultra flat, vertical

Including faceplate with integrated central plate. This socket outlet can be flush-mounted in a simple flush-mounting box

16 A
250 Vac



COMPLETE UNIT WITH PLUG-IN TERMINALS, FOR SCREW FIXING



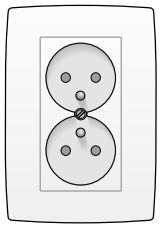
100-67835 Pieces: 10 **101-67835** Pieces: 10

Double socket outlet with pin earthing and shutters, vertical

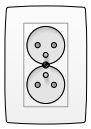
Including faceplate with integrated central plate. For mounting into a single flush-mounting box.

- flush-mounting depth: 31.5 mm

16 A
250 Vac



COMPLETE UNIT WITH SCREW TERMINALS, FOR SCREW FIXING



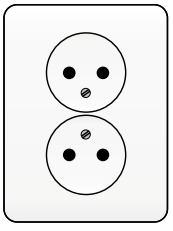
100-67700 Pieces: 5 **101-67700** Pieces: 5

Double socket outlet without earthing, vertical

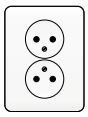
For mounting into a single flush-mounting box.

Attention: Without shutters.

16 A
250 Vac



COMPLETE UNIT WITH SCREW TERMINALS, FOR SCREW FIXING



100-67410 Pieces: 10 **101-67410** Pieces: 10

4.A
4.B
4.C
4.D
4.E
4.F

Coloured socket outlet with side earthing and shutters

For emergency power supply (e.g. in hospitals):
- green for e.g. general power supply,
- orange for e.g. power supply of no break networks,
- red for e.g. power supply of data networks.

The base and the finishing set have the same colour.

• centre distance: 71 mm• flush-mounting depth: 28.5 mm

16 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, FOR SCREW FIXING

197-66915 Pieces: 10 **198-66915** Pieces: 10 **199-66915** Pieces: 10

Coloured socket outlet with pin earthing and shutters

For emergency power supply (e.g. in hospitals):
- green for e.g. general power supply,
- orange for e.g. power supply of no break networks,
- red for e.g. power supply of data networks.

The base and the finishing set have the same colour.

• flush-mounting depth: 28.5 mm

16 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

195-66605 Pieces: 10
198-66605 Pieces: 10
196-66605 Pieces: 10
199-66605 Pieces: 10
197-66605 Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

195-66600 Pieces: 10
198-66600 Pieces: 10
196-66600 Pieces: 10
199-66600 Pieces: 10
197-66600 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Coloured socket outlet with pin earthing and shutters, limited flush-mounting depth

For emergency power supply (e.g. in hospitals):
- green for e.g. general power supply,
- orange for e.g. power supply of no break networks,
- red for e.g. power supply of data networks.

The base and the finishing set have the same colour.

• flush-mounting depth: 21 mm

16 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

197-66105	Pieces: 10	**198-66105**	Pieces: 10	**199-66105**	Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

197-66100	Pieces: 10	**198-66100**	Pieces: 10	**199-66100**	Pieces: 10

Coloured socket outlet with pin earthing, shutters and voltage indication

For emergency power supply (e.g. in hospitals):
- green for e.g. general power supply,
- orange for e.g. power supply of no break networks,
- red for e.g. power supply of data networks.

The base and the finishing set have the same colour.

The base has a green LED.

• flush-mounting depth: 28.5 mm

16 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

195-66622	Pieces: 10	**196-66622**	Pieces: 10	**197-66622**	Pieces: 10
198-66622	Pieces: 10	**199-66622**	Pieces: 10		

COMPLETE UNIT WITH SCREW TERMINALS AND CLAWS

195-66617	Pieces: 10	**196-66617**	Pieces: 10	**197-66617**	Pieces: 10
198-66617	Pieces: 10	**199-66617**	Pieces: 10		

ACCESSORIES FOR VOLTAGE INDICATION

170-37096 Pieces: 10 LED lighting element, amber

170-37097 Pieces: 10 LED lighting element, green

170-37098 Pieces: 10 LED lighting element, red

170-37099 Pieces: 10 LED lighting element, blue

170-37100 Pieces: 10 LED lighting element, white

Coloured socket outlet with pin earthing and shutters, for mounting into floor boxes

For emergency power supply (e.g. in hospitals):
- green for e.g. general power supply,
- orange for e.g. power supply of no break networks,
- red for e.g. power supply of data networks.

The base and the finishing set have the same colour.

• flush-mounting depth: 28.5 mm

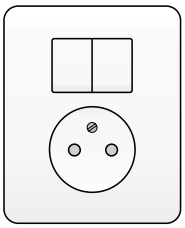
16 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS AND CLAWS

100-26615 Pieces: 10
199-26615 Pieces: 10
197-26615 Pieces: 10
198-26615 Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS, FOR SCREW FIXING

100-26610 Pieces: 10
199-26610 Pieces: 10
197-26610 Pieces: 10
198-26610 Pieces: 10



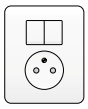
Combination of two-circuit switch and socket outlet without earthing

For mounting into a single flush-mounting box.

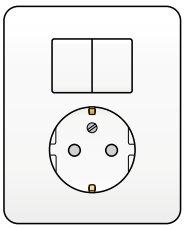
Attention: Without shutters.

10 A 250 Vac
16 A
250 Vac

COMPLETE UNIT WITH SCREW TERMINALS, FOR SCREW FIXING



100-62415 Pieces: 10
101-62415 Pieces: 10



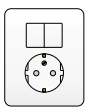
Combination of two-circuit switch and socket outlet with side earthing

For mounting into a single flush-mounting box.

Attention: Without shutters.

10 A 250 Vac
16 A
250 Vac

COMPLETE UNIT WITH SCREW TERMINALS, FOR SCREW FIXING



100-62815 Pieces: 5
101-62815 Pieces: 5

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Double smart USB-A and USB-C charger 3.5 A

This smart USB charger charges one or two mobile devices, such as mobile telephones, tablets, cameras, MP3 players and navigational devices. The devices must be suitable for charging via a USB-A or USB-C port.

The "smart" functionality ensures that the mobile device is charged in the fastest way possible (dynamic device recognition).

The current is divided over both outputs and amounts to 3.5 A maximum over both outputs combined. The maximum current amounts to 3.5 A on the individual output. When both outputs are used simultaneously, the available current will be divided. 5,0 V is delivered per output. The power depends on the current and voltage and amounts to 17.5 W maximum on both outputs combined.

- mounting: flush-mounting box with flush-mounting depth of minimum 50 mm
- power supply voltage: 100 – 230 V AC ± 10%, 50 – 60 Hz
- maximum power consumption: 200 mA (230 V AC)
- stand-by consumption: < 100 mW (230 V AC)
- output voltage: 5 V DC ± 5%
- double USB 3.0 connection: type A and type C
- maximum output current: 3500 mA at Ta 35 °C
- connection terminals: 2 (maximum capacity per screw terminal: 2 x 2.5 mm²)
- overvoltage category III
- charging behaviour in compliance with IEC62694
- CE marked
- USB C ready, if the correct cable is used
- dynamic device recognition

BASE

NEW **420-00512** Pieces: 6 For claw fixing

NEW **420-00513** Pieces: 6 With screw terminals, for screw fixing

FINISHING SET

100-68002	Pieces: 10	**101-68002**	Pieces: 10	**102-68002**	Pieces: 10
104-68002	Pieces: 10	**121-68002**	Pieces: 10	**122-68002**	Pieces: 10
123-68002	Pieces: 10	**124-68002**	Pieces: 10	**154-68002**	Pieces: 10
157-68002	Pieces: 10	**161-68002**	Pieces: 10	**200-68002**	Pieces: 10
220-68002	Pieces: 10	**221-68002**	Pieces: 10		

4.A
4.B
4.C
4.D
4.E
4.F

Smart USB-A charger 3.5 A

This smart USB-A charger charges one or two mobile devices, such as mobile telephones, tablets, cameras, MP3 players and navigational devices. The devices must be suitable for charging via a USB port.

The "smart" functionality ensures that the mobile device is charged in the fastest way possible (dynamic device recognition).

The current is divided over both outputs and amounts to 3.5 A maximum over both outputs combined. The maximum current amounts to 3.5 A on the individual output. When both outputs are used simultaneously, the available current will be divided. 5,0 V is delivered per output. The power depends on the current and voltage and amounts to 17.5 W maximum on both outputs combined.

- mounting: flush-mounting box with flush-mounting depth of minimum 50 mm
- power supply voltage: 100 – 230 V AC ± 10%, 50 – 60 Hz
- maximum power consumption: 200 mA (230 V AC)
- stand-by consumption: < 100 mW (230 V AC)
- output voltage: 5 V DC ± 5%
- 2 USB connections 3.0: type A
- maximum output current: 3500 mA at Ta 35 °C
- connection terminals: 2 (maximum capacity per screw terminal: 2 x 2.5 mm²)
- overvoltage category III
- charging behaviour in compliance with IEC62694
- CE marked
- USB C ready, if the correct cable is used
- dynamic device recognition

BASE

420-00510 Pieces: 6 With screw terminals, for claw fixing

420-00511 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET

100-68001	Pieces: 10	**101-68001**	Pieces: 10	**102-68001**	Pieces: 10
104-68001	Pieces: 10	**121-68001**	Pieces: 10	**122-68001**	Pieces: 10
123-68001	Pieces: 10	**124-68001**	Pieces: 10	**154-68001**	Pieces: 10
157-68001	Pieces: 10	**161-68001**	Pieces: 10	**200-68001**	Pieces: 10
220-68001	Pieces: 10	**221-68001**	Pieces: 10		

Double potential-equalisation socket outlet

- centre distance: 20 mm
- 1 x 6 mm² and 4 x 2.5 mm²

BASE

170-09510 Pieces: 10 With screw terminals, for screw fixing

FINISHING SET

100-69512 Pieces: 10 **101-69512** Pieces: 10

COMPLETE UNIT FOR SCREW FIXING

100-69510 Pieces: 10 **101-69510** Pieces: 10

ACCESSORY

170-39513 Pieces: 10 Hooked binding post for extra flexible cable

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Media network

Keep your home up to date by adapting optimally to your devices, such as TV's, radio's, tablets or smartphones. Niko's data solutions are an ideal way to adapt your home to every phase of your life and to your own lifestyle.

ADVANTAGES

Large range of data connections

- total flexibility: every type of data connection is supported
- independent of the cable operator
- connect without tools
- connectors consist of 1 piece, with limited depth
- cable connection possible from above
- wide range of choices in RJ45 connectors:
  - Cat. 5E: 1000 Mbit/s, 100 MHz, 1 Gb, max. 100 meter
  - Cat. 6: 1000 Mbit/s, 250 MHz, 1-10 Gb, max. 100 meter (max. 55 meter for 10 Gb network)
  - Cat. 6A: 10,000 Mbit/s, 500 MHz, 10 Gb, max. 100 meter
  - choose between unshielded or shielded twisted pair connectors
  - single or double RJ45 connection
  - single connection also available in combination with coax TV connection

Future proof

- RJ45 category 6A for high-demanding home networks
- coax connection with a bandwidth of 2 GHz
- smart USB-charger available with 2 USB-A or USB-A and USB-C ports (see chapter flush-mounted switching material and socket outlets)

Timeless design

- compatible with Niko Pure, Niko Intense and Niko Original

4.A
4.B
4.C
4.D
4.E
4.F

Audio with cinch connection

BASE

170-68600 Pieces: 10 For claw fixing

170-68700 Pieces: 10 For screw fixing

170-68800 Pieces: 10 For claw fixing (centre distance: 71 mm)

170-68900 Pieces: 10 For screw fixing (centre distance: 71 mm)

FINISHING SET FOR DOUBLE CINCH CONNECTION

100-69716 Pieces: 10
104-69716 Pieces: 10
123-69716 Pieces: 10
157-69716 Pieces: 10
220-69716 Pieces: 10
101-69716 Pieces: 10
121-69716 Pieces: 10
124-69716 Pieces: 10
161-69716 Pieces: 10
221-69716 Pieces: 10
102-69716 Pieces: 10
122-69716 Pieces: 10
154-69716 Pieces: 10
200-69716 Pieces: 10

FINISHING SET FOR THREE-FOLD CINCH CONNECTION

100-69717 Pieces: 10
104-69717 Pieces: 10
123-69717 Pieces: 10
157-69717 Pieces: 10
220-69717 Pieces: 10
101-69717 Pieces: 10
121-69717 Pieces: 10
124-69717 Pieces: 10
161-69717 Pieces: 10
221-69717 Pieces: 10
102-69717 Pieces: 10
122-69717 Pieces: 10
154-69717 Pieces: 10
200-69717 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Audio with xlr or jack connection (neutrik)

Fixing screws supplied with the finishing set.

BASE

170-68600 Pieces: 10 For claw fixing

170-68700 Pieces: 10 For screw fixing

170-68800 Pieces: 10 For claw fixing (centre distance: 71 mm)

170-68900 Pieces: 10 For screw fixing (centre distance: 71 mm)

FINISHING SET

100-69856	Pieces: 10	**101-69856**	Pieces: 10	**102-69856**	Pieces: 10
104-69856	Pieces: 10	**121-69856**	Pieces: 10	**122-69856**	Pieces: 10
123-69856	Pieces: 10	**124-69856**	Pieces: 10	**154-69856**	Pieces: 10
157-69856	Pieces: 10	**161-69856**	Pieces: 10	**200-69856**	Pieces: 10
220-69856	Pieces: 10	**221-69856**	Pieces: 10		

ACCESSORY

170-39852 Pieces: 10 Female XLR connector

170-39853 Pieces: 10 Male XLR connector

170-39854 Pieces: 10 Jack connector

Single loudspeaker connection

- maximum cable thickness: 4 mm²

BASE

170-09800 Pieces: 10 With screw terminals, for claw fixing

170-09801 Pieces: 10 With screw terminals, for screw fixing

170-79800 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-79801 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-69801 Pieces: 10
104-69801 Pieces: 10
123-69801 Pieces: 10
157-69801 Pieces: 10
220-69801 Pieces: 10

101-69801 Pieces: 10
121-69801 Pieces: 10
124-69801 Pieces: 10
161-69801 Pieces: 10
221-69801 Pieces: 10

102-69801 Pieces: 10
122-69801 Pieces: 10
154-69801 Pieces: 10
200-69801 Pieces: 10

COMPLETE UNIT FOR CLAW FIXING

100-69800 Pieces: 10

101-69800 Pieces: 10

Double loudspeaker connection

- maximum cable thickness: 4 mm²

BASE

170-09700 Pieces: 10 With screw terminals, for claw fixing

170-09701 Pieces: 10 With screw terminals, for screw fixing

170-79700 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-79701 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-69701 Pieces: 10
104-69701 Pieces: 10
123-69701 Pieces: 10
157-69701 Pieces: 10
220-69701 Pieces: 10

101-69701 Pieces: 10
121-69701 Pieces: 10
124-69701 Pieces: 10
161-69701 Pieces: 10
221-69701 Pieces: 10

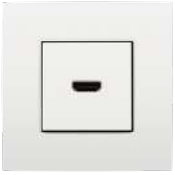
102-69701 Pieces: 10
122-69701 Pieces: 10
154-69701 Pieces: 10
200-69701 Pieces: 10

COMPLETE UNIT FOR CLAW FIXING

100-69700 Pieces: 10

101-69700 Pieces: 10

Hdmi connection



For concealing HDMI cables in the wall or in TV and office furniture. Two socket outlets with HDMI-HDMI connection are used to join the cable in an item of furniture or in a false wall without conduit. If a conduit is present (for example, in a masonry wall), one side of the HDMI connector is connected to a socket outlet with HDMI-HDMI connection and the other side is cut off, pulled through the conduit and attached to the screw connector of the socket outlet with HDMI-screw connection.

- mounting: flush-mounting box with a minimum flush-mounting depth of 60 mm
- cable: with angular HDMI connector
- HDMI connection: type A, female
- screw connection: removable screw connector, 2 x 10 connection terminals
- cable housing and heat shrink tubing included

BASE

170-68600 Pieces: 10 For claw fixing

170-68700 Pieces: 10 For screw fixing

170-68800 Pieces: 10 For claw fixing (centre distance: 71 mm)

170-68900 Pieces: 10 For screw fixing (centre distance: 71 mm)

FINISHING SET WITH HDMI/SCREW CONNECTION

100-69416 Pieces: 10
104-69416 Pieces: 10
123-69416 Pieces: 10
157-69416 Pieces: 10
220-69416 Pieces: 10

101-69416 Pieces: 10
121-69416 Pieces: 10
124-69416 Pieces: 10
161-69416 Pieces: 10
221-69416 Pieces: 10

102-69416 Pieces: 10
122-69416 Pieces: 10
154-69416 Pieces: 10
200-69416 Pieces: 10

FINISHING SET WITH HDMI/HDMI CONNECTION

100-69417 Pieces: 10
104-69417 Pieces: 10
123-69417 Pieces: 10
157-69417 Pieces: 10
220-69417 Pieces: 10

101-69417 Pieces: 10
121-69417 Pieces: 10
124-69417 Pieces: 10
161-69417 Pieces: 10
221-69417 Pieces: 10

102-69417 Pieces: 10
122-69417 Pieces: 10
154-69417 Pieces: 10
200-69417 Pieces: 10

Simple male coax connection

DIN 45325, IEC 60169-2
connection attenuation < 1dB

BASE

170-09120 Pieces: 10 With screw terminals, for claw fixing

170-09121 Pieces: 10 With screw terminals, for screw fixing

170-79120 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

FINISHING SET

100-69101	Pieces: 10	**101-69101**	Pieces: 10	**102-69101**	Pieces: 10
104-69101	Pieces: 10	**121-69101**	Pieces: 10	**122-69101**	Pieces: 10
123-69101	Pieces: 10	**124-69101**	Pieces: 10	**154-69101**	Pieces: 10
157-69101	Pieces: 10	**161-69101**	Pieces: 10	**200-69101**	Pieces: 10
220-69101	Pieces: 10	**221-69101**	Pieces: 10		

COMPLETE UNIT FOR CLAW FIXING

100-69120 Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR TV)

650-16900 Pieces: 10 DIN-rail coax F-connector TV (for RG59 cable)

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

2 x simple coax connection EDU TV + FM

DIN 45325, IEC 60169-2
connection attenuation TV < 1dB; FM < 3dB

BASE

170-09500 Pieces: 10 With screw terminals, for claw fixing

170-09501 Pieces: 10 With screw terminals, for screw fixing

170-79500 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-79501 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-69702 Pieces: 10
104-69702 Pieces: 10
123-69702 Pieces: 10
157-69702 Pieces: 10
220-69702 Pieces: 10
101-69702 Pieces: 10
121-69702 Pieces: 10
124-69702 Pieces: 10
161-69702 Pieces: 10
221-69702 Pieces: 10
102-69702 Pieces: 10
122-69702 Pieces: 10
154-69702 Pieces: 10
200-69702 Pieces: 10

COMPLETE UNIT FOR CLAW FIXING

100-69500 Pieces: 10
101-69500 Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR TV)

650-16900 Pieces: 10 DIN-rail coax F-connector TV (for RG59 cable)

Coax connection for TV and FM and a satellite connection

DIN 45325, IEC 60169-2
connection attenuation TV < 1dB (5-80MHz); 1.5dB ±1dB (125-860MHz)
connection attenuation FM < 3dB (88-108MHz)
connection attenuation satellite: 2.5dB ±1dB

BASE

170-09550 Pieces: 10 With screw terminals, for claw fixing

170-09551 Pieces: 10 With screw terminals, for screw fixing

170-79550 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-79551 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-69551 Pieces: 10
104-69551 Pieces: 10
123-69551 Pieces: 10
157-69551 Pieces: 10
220-69551 Pieces: 10
101-69551 Pieces: 10
121-69551 Pieces: 10
124-69551 Pieces: 10
161-69551 Pieces: 10
221-69551 Pieces: 10
102-69551 Pieces: 10
122-69551 Pieces: 10
154-69551 Pieces: 10
200-69551 Pieces: 10

COMPLETE UNIT FOR CLAW FIXING

100-69550 Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR TV + SAT)

650-16910 Pieces: 10 DIN rail coax F-connector TV+Sat (RG6)

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

2 x multiple coax connection GEDU TV + FM

DIN 45325, IEC 60169-2
connection attenuation TV, FM: 15dB ± 1dB
passage attenuation < 1dB

Connect the terminal resistance 170-29601 to the last socket.

BASE

170-09600 Pieces: 10 With screw terminals, for claw fixing

170-09601 Pieces: 10 With screw terminals, for screw fixing

170-79600 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-79601 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-69702 Pieces: 10	**101-69702** Pieces: 10	**102-69702** Pieces: 10
104-69702 Pieces: 10	**121-69702** Pieces: 10	**122-69702** Pieces: 10
123-69702 Pieces: 10	**124-69702** Pieces: 10	**154-69702** Pieces: 10
157-69702 Pieces: 10	**161-69702** Pieces: 10	**200-69702** Pieces: 10
220-69702 Pieces: 10	**221-69702** Pieces: 10	

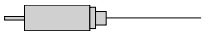
COMPLETE UNIT FOR CLAW FIXING

100-69600 Pieces: 10 **101-69600** Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR TV)

650-16900 Pieces: 10 DIN-rail coax F-connector TV (for RG59 cable)

ACCESSORY



170-29601 Pieces: 10 Terminal resistor for GEDU connections

Telephone socket 2 x RJ11 parallel

BASE

170-09030 Pieces: 10 With screw terminals, for claw fixing

170-09031 Pieces: 10 With screw terminals, for screw fixing

170-79030 Pieces: 10 With screw terminals, for claw fixing (centre distance: 71 mm)

170-79031 Pieces: 10 With screw terminals, for screw fixing (centre distance: 71 mm)

FINISHING SET

100-69031 Pieces: 10
104-69031 Pieces: 10
123-69031 Pieces: 10
157-69031 Pieces: 10
220-69031 Pieces: 10

101-69031 Pieces: 10
121-69031 Pieces: 10
124-69031 Pieces: 10
161-69031 Pieces: 10
221-69031 Pieces: 10

102-69031 Pieces: 10
122-69031 Pieces: 10
154-69031 Pieces: 10
200-69031 Pieces: 10

COMPLETE UNIT FOR CLAW FIXING

100-69030 Pieces: 10

101-69030 Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ11 UTP)

650-11113 Pieces: 10 DIN rail RJ11 UTP

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

1 x RJ11 UTP, flat set

Incl. adapter 9.1 and 1 connector

BASE

170-65113 Pieces: 10 For claw fixing

170-65213 Pieces: 10 For screw fixing

170-75113 Pieces: 10 For claw fixing (centre distance: 71 mm)

170-75213 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65100 Pieces: 10
104-65100 Pieces: 10
123-65100 Pieces: 10
157-65100 Pieces: 10
220-65100 Pieces: 10
101-65100 Pieces: 10
121-65100 Pieces: 10
124-65100 Pieces: 10
161-65100 Pieces: 10
221-65100 Pieces: 10
102-65100 Pieces: 10
122-65100 Pieces: 10
154-65100 Pieces: 10
200-65100 Pieces: 10

COMPLETE UNIT FOR CLAW FIXING, WITH NON-TRANSPARENT LABELLING WINDOW

100-65113 Pieces: 10
101-65113 Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ11 UTP)

650-11113 Pieces: 10 DIN rail RJ11 UTP

2 x RJ11 UTP, flat set

Incl. 2 x adapter 9.1 and 2 connectors

BASE

170-65114 Pieces: 10 For claw fixing

170-65214 Pieces: 10 For screw fixing

170-75114 Pieces: 10 For claw fixing (centre distance: 71 mm)

170-75214 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65200 Pieces: 10
104-65200 Pieces: 10
123-65200 Pieces: 10
157-65200 Pieces: 10
220-65200 Pieces: 10

101-65200 Pieces: 10
121-65200 Pieces: 10
124-65200 Pieces: 10
161-65200 Pieces: 10
221-65200 Pieces: 10

102-65200 Pieces: 10
122-65200 Pieces: 10
154-65200 Pieces: 10
200-65200 Pieces: 10

BASE

100-65114 Pieces: 10

101-65114 Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ11 UTP)

650-11113 Pieces: 10 DIN rail RJ11 UTP

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Mechanism with coaxial connection and RJ45 connection Cat5E

Combination coax with RJ45 connection, UTP Cat5E, TV connection attenuation < 1 dB.

The Cat5E UTP RJ45 connector supplied as standard can be replaced by a Niko Cat5E STP (650-45055) RJ45-connector, Niko Cat6 UTP (650-45061) RJ45-connector, Niko Cat6 STP (650-45066) RJ45-connector, Niko Cat6 A UTP (650-45071) RJ45-connector or a Niko Cat6 A STP (650-45077) RJ45-connector.

- bandwith: 2 GHz

BASE

170-65158 Pieces: 6 For claw fixing

170-65178 Pieces: 6 For screw fixing

170-65138 Pieces: 6 For screw fixing, centre distance 71 mm

FINISHING SET

100-65702 Pieces: 10
104-65702 Pieces: 10
123-65702 Pieces: 10
157-65702 Pieces: 10
220-65702 Pieces: 10

101-65702 Pieces: 10
121-65702 Pieces: 10
124-65702 Pieces: 10
161-65702 Pieces: 10
221-65702 Pieces: 10

102-65702 Pieces: 10
122-65702 Pieces: 10
154-65702 Pieces: 10
200-65702 Pieces: 10

COMPLETE UNIT FOR SCREW FIXING, CENTRE DISTANCE 71 MM

100-65138 Pieces: 6

101-65138 Pieces: 6

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 UTP CAT.5E)

650-14551 Pieces: 10 DIN rail RJ45 UTP Cat.5E

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR TV + SAT)

650-16910 Pieces: 10 DIN rail coax F-connector TV+Sat (RG6)

Mechanism with coaxial connection and RJ45 connection Cat6

Combination coax with RJ45 connection UTP Cat6, connection attenuation TV < 1dB.

The Cat6 UTP RJ45 connector supplied as standard can be replaced by a Niko Cat5E UTP (650-45051) RJ45-connector, Niko Cat5E STP (650-45055) RJ45-connector, Niko Cat6 STP (650-45066) RJ45-connector, Niko Cat6 A UTP (650-45071) RJ45-connector or a Niko Cat6 A STP (650-45077) RJ45-connector.

- bandwidth 2 GHz

BASE

170-65258 Pieces: 6 For claw fixing

170-65278 Pieces: 6 For screw fixing

170-65238 Pieces: 6 For screw fixing, centre distance 71 mm

FINISHING SET

100-65702 Pieces: 10	**101-65702** Pieces: 10	**102-65702** Pieces: 10
104-65702 Pieces: 10	**121-65702** Pieces: 10	**122-65702** Pieces: 10
123-65702 Pieces: 10	**124-65702** Pieces: 10	**154-65702** Pieces: 10
157-65702 Pieces: 10	**161-65702** Pieces: 10	**200-65702** Pieces: 10
220-65702 Pieces: 10	**221-65702** Pieces: 10	

COMPLETE UNIT FOR SCREW FIXING, CENTER DISTANCE 71 MM

100-65238 Pieces: 6 **101-65238** Pieces: 6

COMPLETE UNIT FOR CLAW FIXING

100-65258 Pieces: 6 **101-65258** Pieces: 6

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 UTP CAT6)

650-14561 Pieces: 10 DIN rail RJ45 UTP Cat.6

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR TV + SAT)

650-16910 Pieces: 10 DIN rail coax F-connector TV+Sat (RG6)

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Mechanism with coaxial connection and RJ45 connection Cat6 A

Combination coax with RJ45 connection UTP Cat6 A, connection attenuation TV < 1dB.

The Cat6 A UTP RJ45 connector supplied as standard can be replaced by a Niko Cat5E UTP (650-45051) RJ45-connector, Niko Cat5E STP (650-45055) RJ45-connector, Niko Cat6 UTP (650-45061) RJ45-connector, Niko Cat6 STP (650-45066) RJ45-connector or a Niko Cat6 A STP (650-45077) RJ45-connector.

- bandwidth 2 GHz

BASE

170-65358 Pieces: 6 For claw fixing

170-65378 Pieces: 6 For screw fixing

170-65338 Pieces: 6 For screw fixing, centre distance 71 mm

FINISHING SET

100-65702	Pieces: 10	**101-65702**	Pieces: 10	**102-65702**	Pieces: 10
104-65702	Pieces: 10	**121-65702**	Pieces: 10	**122-65702**	Pieces: 10
123-65702	Pieces: 10	**124-65702**	Pieces: 10	**154-65702**	Pieces: 10
157-65702	Pieces: 10	**161-65702**	Pieces: 10	**200-65702**	Pieces: 10
220-65702	Pieces: 10	**221-65702**	Pieces: 10		

COMPLETE UNIT FOR SCREW FIXING, CENTER DISTANCE 71 MM

100-65338 Pieces: 6 **101-65338** Pieces: 6

COMPLETE UNIT FOR CLAW FIXING

100-65358 Pieces: 6 **101-65358** Pieces: 6

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 UTP CAT6)

650-14571 Pieces: 10 DIN rail RJ45 UTP Cat.6 A

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR TV + SAT)

650-16910 Pieces: 10 DIN rail coax F-connector TV+Sat (RG6)

1 x RJ45 UTP Cat5E, flat set

Incl. adapter 9.1 and 1 connector

BASE

170-65151 Pieces: 10 For claw fixing

170-65251 Pieces: 10 For screw fixing

170-75251 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65100 Pieces: 10
104-65100 Pieces: 10
123-65100 Pieces: 10
157-65100 Pieces: 10
220-65100 Pieces: 10
101-65100 Pieces: 10
121-65100 Pieces: 10
124-65100 Pieces: 10
161-65100 Pieces: 10
221-65100 Pieces: 10
102-65100 Pieces: 10
122-65100 Pieces: 10
154-65100 Pieces: 10
200-65100 Pieces: 10

COMPLETE SET FOR CLAW FIXING, WITH NON-TRANSPARENT LABELLING WINDOW

100-65151 Pieces: 10
101-65151 Pieces: 10

COMPLETE UNIT FOR SCREW FIXING, WITH NON-TRANSPARENT LABELLING WINDOW

100-65251 Pieces: 10
101-65251 Pieces: 10

COMPLETE UNIT FOR SCREW FIXING

100-75251 Pieces: 10
101-75251 Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 UTP CAT.5E)

650-14551 Pieces: 10 DIN rail RJ45 UTP Cat.5E

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

2 x RJ45 UTP Cat5E, flat set

Incl. adapter 9.1 and 2 connectors

BASE

170-65152 Pieces: 10 For claw fixing

170-65252 Pieces: 10 For screw fixing

170-75252 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65200 Pieces: 10	**101-65200** Pieces: 10	**102-65200** Pieces: 10
104-65200 Pieces: 10	**121-65200** Pieces: 10	**122-65200** Pieces: 10
123-65200 Pieces: 10	**124-65200** Pieces: 10	**154-65200** Pieces: 10
157-65200 Pieces: 10	**161-65200** Pieces: 10	**200-65200** Pieces: 10
220-65200 Pieces: 10	**221-65200** Pieces: 10	

COMPLETE UNIT FOR CLAW FIXING, WITH NON-TRANSPARENT TEXT FIELD

100-65152 Pieces: 10 **101-65152** Pieces: 10

COMPLETE SET FOR SCREW FIXING, WITH NON-TRANSPARENT TEXT FIELD

100-65252 Pieces: 10 **101-65252** Pieces: 10

COMPLETE UNIT WITH SCREW TERMINALS

100-75252 Pieces: 10 **101-75252** Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 UTP CAT.5E)

650-14551 Pieces: 10 DIN rail RJ45 UTP Cat.5E

1 x RJ45 STP Cat5E, flat set

Incl. adapter 9.1 and 1 connector

BASE

170-65155 Pieces: 10 For claw fixing

170-65255 Pieces: 10 For screw fixing

170-75255 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65100 Pieces: 10
104-65100 Pieces: 10
123-65100 Pieces: 10
157-65100 Pieces: 10
220-65100 Pieces: 10
101-65100 Pieces: 10
121-65100 Pieces: 10
124-65100 Pieces: 10
161-65100 Pieces: 10
221-65100 Pieces: 10
102-65100 Pieces: 10
122-65100 Pieces: 10
154-65100 Pieces: 10
200-65100 Pieces: 10

COMPLETE UNIT FOR CLAW FIXING, WITH NON-TRANSPARENT LABELLING WINDOW

100-65155 Pieces: 10 **101-65155** Pieces: 10

COMPLETE UNIT FOR SCREW FIXING, WITH NON-TRANSPARENT LABELLING WINDOW

100-65255 Pieces: 10 **101-65255** Pieces: 10

COMPLETE UNIT FOR SCREW FIXING

100-75255 Pieces: 10 **101-75255** Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 STP CAT.5E)

650-14555 Pieces: 10 DIN rail RJ45 STP Cat.5E

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

2 x RJ45 STP Cat5E, flat set

Incl. 2x adapter 9.1 and 2 connectors

BASE

170-65156 Pieces: 10 For claw fixing

170-65256 Pieces: 10 For screw fixing

170-75256 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65200 Pieces: 10	**101-65200** Pieces: 10	**102-65200** Pieces: 10
104-65200 Pieces: 10	**121-65200** Pieces: 10	**122-65200** Pieces: 10
123-65200 Pieces: 10	**124-65200** Pieces: 10	**154-65200** Pieces: 10
157-65200 Pieces: 10	**161-65200** Pieces: 10	**200-65200** Pieces: 10
220-65200 Pieces: 10	**221-65200** Pieces: 10	

COMPLETE UNIT FOR CLAW FIXING, WITH NON-TRANSPARENT LABELLING WINDOW

100-65156 Pieces: 10 **101-65156** Pieces: 10

COMPLETE UNIT FOR SCREW FIXING, WITH NON-TRANSPARENT LABELLING WINDOW

100-65256 Pieces: 10 **101-65256** Pieces: 10

COMPLETE UNIT FOR SCREW FIXING

100-75256 Pieces: 10 **101-75256** Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 STP CAT.5E)

650-14555 Pieces: 10 DIN rail RJ45 STP Cat.5E

1 x RJ45 UTP Cat6, flat set

Incl. adapter 9.1 and 1 connector

BASE

170-65161 Pieces: 10 For claw fixing

170-65261 Pieces: 10 For screw fixing

170-75261 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65100 Pieces: 10
104-65100 Pieces: 10
123-65100 Pieces: 10
157-65100 Pieces: 10
220-65100 Pieces: 10

101-65100 Pieces: 10
121-65100 Pieces: 10
124-65100 Pieces: 10
161-65100 Pieces: 10
221-65100 Pieces: 10

102-65100 Pieces: 10
122-65100 Pieces: 10
154-65100 Pieces: 10
200-65100 Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 UTP CAT6)

650-14561 Pieces: 10 DIN rail RJ45 UTP Cat.6

2 x RJ45 UTP Cat6, flat set

Incl. 2x adapter 9.1 and 2 connectors

BASE

170-65162 Pieces: 10 For claw fixing

170-65262 Pieces: 10 For screw fixing

170-75262 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65200 Pieces: 10
104-65200 Pieces: 10
123-65200 Pieces: 10
157-65200 Pieces: 10
220-65200 Pieces: 10

101-65200 Pieces: 10
121-65200 Pieces: 10
124-65200 Pieces: 10
161-65200 Pieces: 10
221-65200 Pieces: 10

102-65200 Pieces: 10
122-65200 Pieces: 10
154-65200 Pieces: 10
200-65200 Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 UTP CAT6)

650-14561 Pieces: 10 DIN rail RJ45 UTP Cat.6

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

2 x RJ45 UTP Cat6, oblique set

Incl. adapter 9.4 and 2 connectors

BASE

170-65362 Pieces: 10 For screw fixing

170-75362 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH TRANSPARENT LABELLING WINDOW

100-65400	Pieces: 10	**101-65400**	Pieces: 10	**102-65400**	Pieces: 10
104-65400	Pieces: 10	**121-65400**	Pieces: 10	**122-65400**	Pieces: 10
123-65400	Pieces: 10	**124-65400**	Pieces: 10	**154-65400**	Pieces: 10
157-65400	Pieces: 10	**161-65400**	Pieces: 10	**200-65400**	Pieces: 10
220-65400	Pieces: 10	**221-65400**	Pieces: 10		

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 UTP CAT6)

650-14561 Pieces: 10 DIN rail RJ45 UTP Cat.6

1 x RJ45 STP Cat6, flat set

Incl. adapter 9.1 and 1 connector

BASE

170-65166 Pieces: 10 For claw fixing

170-65266 Pieces: 10 For screw fixing

170-75166 Pieces: 10 For claw fixing, centre distance 71 mm

170-75266 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65100	Pieces: 10	**101-65100**	Pieces: 10	**102-65100**	Pieces: 10
104-65100	Pieces: 10	**121-65100**	Pieces: 10	**122-65100**	Pieces: 10
123-65100	Pieces: 10	**124-65100**	Pieces: 10	**154-65100**	Pieces: 10
157-65100	Pieces: 10	**161-65100**	Pieces: 10	**200-65100**	Pieces: 10
220-65100	Pieces: 10	**221-65100**	Pieces: 10		

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 STP CAT.6)

650-14566 Pieces: 10 DIN rail RJ45 STP Cat.6

2 x RJ45 STP Cat6, flat set

Incl. 2x adapter 9.1 and 2 connectors

BASE

170-65167 Pieces: 10 For claw fixing

170-65267 Pieces: 10 For screw fixing

170-75167 Pieces: 10 For claw fixing, centre distance 71 mm

170-75267 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65200 Pieces: 10
104-65200 Pieces: 10
123-65200 Pieces: 10
157-65200 Pieces: 10
220-65200 Pieces: 10
101-65200 Pieces: 10
121-65200 Pieces: 10
124-65200 Pieces: 10
161-65200 Pieces: 10
221-65200 Pieces: 10
102-65200 Pieces: 10
122-65200 Pieces: 10
154-65200 Pieces: 10
200-65200 Pieces: 10

COMPLETE UNIT FOR CLAW FIXING, WITH NON-TRANSPARENT LABELLING WINDOW

100-65167 Pieces: 10
101-65167 Pieces: 10

COMPLETE UNIT FOR SCREW FIXING, WITH NON-TRANSPARENT LABELLING WINDOW

100-65267 Pieces: 10
101-65267 Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 STP CAT.6)

650-14566 Pieces: 10 DIN rail RJ45 STP Cat.6

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

2 x RJ45 STP Cat6, oblique set

Incl. adapter 9.4 and 2 connectors

BASE

170-65367 Pieces: 10 For screw fixing, centre distance 60 mm

170-75367 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH TRANSPARENT LABELLING WINDOW

100-65400 Pieces: 10	**101-65400** Pieces: 10	**102-65400** Pieces: 10
104-65400 Pieces: 10	**121-65400** Pieces: 10	**122-65400** Pieces: 10
123-65400 Pieces: 10	**124-65400** Pieces: 10	**154-65400** Pieces: 10
157-65400 Pieces: 10	**161-65400** Pieces: 10	**200-65400** Pieces: 10
220-65400 Pieces: 10	**221-65400** Pieces: 10	

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 STP CAT.6)

650-14566 Pieces: 10 DIN rail RJ45 STP Cat.6

1 x RJ45 UTP Cat6 A, flat set

Incl. adapter 9.1 and 1 connector

BASE

170-65171 Pieces: 10 For claw fixing

170-65271 Pieces: 10 For screw fixing

170-75271 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65100 Pieces: 10	**101-65100** Pieces: 10	**102-65100** Pieces: 10
104-65100 Pieces: 10	**121-65100** Pieces: 10	**122-65100** Pieces: 10
123-65100 Pieces: 10	**124-65100** Pieces: 10	**154-65100** Pieces: 10
157-65100 Pieces: 10	**161-65100** Pieces: 10	**200-65100** Pieces: 10
220-65100 Pieces: 10	**221-65100** Pieces: 10	

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 UTP CAT6)

650-14571 Pieces: 10 DIN rail RJ45 UTP Cat.6 A

2 x RJ45 UTP Cat6 A, flat set

Incl. 2x adapter 9.1 and 2 connectors

BASE

170-65172 Pieces: 10 For claw fixing

170-65272 Pieces: 10 For screw fixing

170-75272 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65200	Pieces: 10	**101-65200**	Pieces: 10	**102-65200**	Pieces: 10
104-65200	Pieces: 10	**121-65200**	Pieces: 10	**122-65200**	Pieces: 10
123-65200	Pieces: 10	**124-65200**	Pieces: 10	**154-65200**	Pieces: 10
157-65200	Pieces: 10	**161-65200**	Pieces: 10	**200-65200**	Pieces: 10
220-65200	Pieces: 10	**221-65200**	Pieces: 10		

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 UTP CAT6)

650-14571 Pieces: 10 DIN rail RJ45 UTP Cat.6 A

2 x RJ45 UTP Cat6 A, oblique set

Incl. adapter 9.4 and 2 connectors

BASE

170-65372 Pieces: 10 For screw fixing

170-75372 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH TRANSPARENT LABELLING WINDOW

100-65400	Pieces: 10	**101-65400**	Pieces: 10	**102-65400**	Pieces: 10
104-65400	Pieces: 10	**121-65400**	Pieces: 10	**122-65400**	Pieces: 10
123-65400	Pieces: 10	**124-65400**	Pieces: 10	**154-65400**	Pieces: 10
157-65400	Pieces: 10	**161-65400**	Pieces: 10	**200-65400**	Pieces: 10
220-65400	Pieces: 10	**221-65400**	Pieces: 10		

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 UTP CAT6)

650-14571 Pieces: 10 DIN rail RJ45 UTP Cat.6 A

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

1 x RJ45 STP Cat6 A, flat set

Incl. adapter 9.1 and 1 connector

BASE

170-65177 Pieces: 10 For claw fixing

170-65277 Pieces: 10 For screw fixing

170-75177 Pieces: 10 For claw fixing, centre distance 71 mm

170-75277 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65100 Pieces: 10
104-65100 Pieces: 10
123-65100 Pieces: 10
157-65100 Pieces: 10
220-65100 Pieces: 10

101-65100 Pieces: 10
121-65100 Pieces: 10
124-65100 Pieces: 10
161-65100 Pieces: 10
221-65100 Pieces: 10

102-65100 Pieces: 10
122-65100 Pieces: 10
154-65100 Pieces: 10
200-65100 Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 STP CAT.6 A)

650-14577 Pieces: 10 DIN rail RJ45 STP Cat.6 A

x RJ45 STP Cat6 A, flat set

Incl. 2x adapter 9.1 and 2 connectors

BASE

170-65179 Pieces: 10 For claw fixing

170-65279 Pieces: 10 For screw fixing

170-75178 Pieces: 10 For claw fixing, centre distance 71 mm

170-75278 Pieces: 10 For screw fixing, centre distance 71 mm

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65200 Pieces: 10
104-65200 Pieces: 10
123-65200 Pieces: 10
157-65200 Pieces: 10
220-65200 Pieces: 10
101-65200 Pieces: 10
121-65200 Pieces: 10
124-65200 Pieces: 10
161-65200 Pieces: 10
221-65200 Pieces: 10
102-65200 Pieces: 10
122-65200 Pieces: 10
154-65200 Pieces: 10
200-65200 Pieces: 10

COMPLETE UNIT FOR CLAW FIXING, WITH NON-TRANSPARENT LABELLING WINDOW

100-65178 Pieces: 10
101-65178 Pieces: 10

COMPLETE UNIT FOR SCREW FIXING, WITH NON-TRANSPARENT LABELLING WINDOW

100-65278 Pieces: 10
101-65278 Pieces: 10

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 STP CAT.6 A)

650-14577 Pieces: 10 DIN rail RJ45 STP Cat.6 A

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

2 x RJ45 STP Cat6 A, oblique set

Incl. adapter 9.4 and 2 connectors

BASE

170-65377 Pieces: 10 For screw fixing

170-75377 Pieces: 10 For screw fixing, centre distance 71 mm

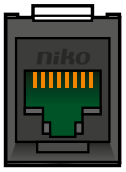
FINISHING SET WITH TRANSPARENT LABELLING WINDOW

100-65400	Pieces: 10	**101-65400**	Pieces: 10	**102-65400**	Pieces: 10
104-65400	Pieces: 10	**121-65400**	Pieces: 10	**122-65400**	Pieces: 10
123-65400	Pieces: 10	**124-65400**	Pieces: 10	**154-65400**	Pieces: 10
157-65400	Pieces: 10	**161-65400**	Pieces: 10	**200-65400**	Pieces: 10
220-65400	Pieces: 10	**221-65400**	Pieces: 10		

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 STP CAT.6 A)

650-14577 Pieces: 10 DIN rail RJ45 STP Cat.6 A

Connectors



ACCESSORY

650-45051 Pieces: 10 RJ45 connector, UTP, cat. 5E

650-45055 Pieces: 10 RJ45 connector, STP, cat. 5E

650-45061 Pieces: 10 RJ45 connector, UTP, cat. 6

650-45066 Pieces: 10 RJ45 connector, STP, cat. 6

650-45013 Pieces: 10 RJ11 connector, UTP

650-45071 Pieces: 10 RJ45 connector, UTP, cat.6 A

650-45077 Pieces: 10 RJ45 connector, STP, cat.6 A

Din rail connectors

includes DIN-rail adapter and the connector

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ11 UTP)

650-11113 Pieces: 10 DIN rail RJ11 UTP

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 UTP CAT.5E)

650-14551 Pieces: 10 DIN rail RJ45 UTP Cat.5E

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 STP CAT.5E)

650-14555 Pieces: 10 DIN rail RJ45 STP Cat.5E

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 UTP CAT6)

650-14561 Pieces: 10 DIN rail RJ45 UTP Cat.6

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 STP CAT.6)

650-14566 Pieces: 10 DIN rail RJ45 STP Cat.6

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 UTP CAT.6 A)

650-14571 Pieces: 10 DIN rail RJ45 UTP Cat.6 A

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR RJ45 STP CAT.6 A)

650-14577 Pieces: 10 DIN rail RJ45 STP Cat.6 A

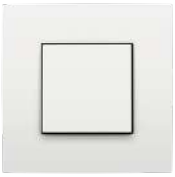
DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR TV)

650-16900 Pieces: 10 DIN-rail coax F-connector TV (for RG59 cable)

DIN RAIL CONNECTOR (INCL. DIN RAIL ADAPTER AND CONNECTOR TV + SAT)

650-16910 Pieces: 10 DIN rail coax F-connector TV+Sat (RG6)

Accessories



BASE

170-68600 Pieces: 10 For claw fixing

170-68700 Pieces: 10 For screw fixing

170-68800 Pieces: 10 For claw fixing (centre distance: 71 mm)

170-68900 Pieces: 10 For screw fixing (centre distance: 71 mm)

TRANSPARENT LABELLING WINDOW

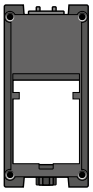
190-65000 Pieces: 50 Transparent text field

BLIND PLATES 45X45 MM

100-76901 Pieces: 10
104-76901 Pieces: 10
123-76901 Pieces: 10
157-76901 Pieces: 10
220-76901 Pieces: 10

101-76901 Pieces: 10
121-76901 Pieces: 10
124-76901 Pieces: 10
161-76901 Pieces: 10
221-76901 Pieces: 10

102-76901 Pieces: 10
122-76901 Pieces: 10
154-76901 Pieces: 10
200-76901 Pieces: 10



Adapters

ADAPTERS FOR FLAT FINISHING SETS FOR NIKO 650-450XX, SINGLE

170-65901 Pieces: 10 Single adapter 9.1

ADAPTERS FOR FLAT FINISHING SETS FOR OTHER BRANDS, SINGLE

170-65101 Pieces: 10 Single adapter 1 (for AMP, Siemon, Nexans, Brandrex,...)

170-65201 Pieces: 10 Single adapter 2 (for systimax,...)

170-65501 Pieces: 10 Single adapter 5 (for Krone, Kerpen, Radiall, Gigamedia,...)

170-65601 Pieces: 10 Single adapter 6 (for Panduit,...)

170-65701 Pieces: 10 Single adapter 7 (for CAE, Multimedia Connect/MMC, Abitana, Prysmian,Molex,...)

ADAPTERS FOR FLAT FINISHING SETS FOR NIKO 02-399-XX, SINGLE

170-65401 Pieces: 10 Single adapter 4.1

ADAPTERS FOR FLAT FINISHING SETS FOR NIKO 02-399-XX, DOUBLE

170-65402 Pieces: 10 Double adapter 4.2

ADAPTERS FOR FLAT FINISHING SETS FOR OTHER BRANDS, DOUBLE

170-65302 Pieces: 10 Double adapter 3.2

ADAPTERS FOR OBLIQUE FINISHING SETS FOR NIKO 650-450XX, DOUBLE

170-65904 Pieces: 10 Double adapter angled 9.4

ADAPTERS FOR OBLIQUE FINISHING SETS FOR NIKO 02-399-XX, DOUBLE

170-65404 Pieces: 10 Double adapter angled 4.4

Niko surface-mounting kit

Building and renovation projects can be finished a lot faster thanks to the surface-mounting kit. In combination with Niko's flush-mounting functions, this kit is the ideal surface-mounting solution.

ADVANTAGES

Easy
- only 4 reference codes
- simple and double version
- available in cream and white
- horizontal and vertical mounting possible
- no need for a separate mounting plate

Functional
- extended possibilities: combine with the complete range of flush-mounting functions
- quick and easy mounting and wiring
  - suitable for mounting on every surface
  - limit-sized flush-mounting boxes offer large wiring space
  - perfect finish when mounted on baseboards and frames thanks to easily removable break-out ports
  - suitable for connection of cables and tubes via the optional metrical tube entries

Elegant
- beautiful design aligned with Niko Original and Niko Intense
- perfectly suits your living environment

Sustainable quality
- shape-keeping plastic pc/asa
- condensation waterproof (IP21)
- impact resistant: IK06

Single surface-mounting kit

The single surface-mounting kit is supplied with screws and can be combined with all products from the Niko flush-mounting range, except for time switches, motion detectors 110° and the socket outlet with overvoltage protection.

COMPLETE UNIT

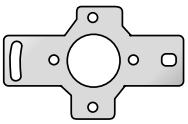
100-80100	Pieces: 10	cream
101-80100	Pieces: 10	white

Double surface-mounting kit

The double surface-mounting kit is supplied with screws and can be combined with all products from the Niko flush-mounting range, except for time switches, motion detectors 110° and the socket outlet with overvoltage protection.

COMPLETE UNIT

100-80200	Pieces: 5	cream
101-80200	Pieces: 5	white

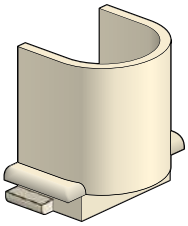


Mounting cross

This galvanised mounting cross is suitable for vertically mounting single and double surface-mounting kits onto flush-mounting boxes with a centre distance of 65 mm between the fixing holes.

COMPLETE UNIT

170-30700 Pieces: 10



Conduit fittings

M16 CONDUIT FITTING

11-865 Pieces: 50 cream

31-865 Pieces: 50 white

M20 CONDUIT FITTING

11-866 Pieces: 50 cream

31-866 Pieces: 50 white

Niko Hydro

Niko Hydro has been specially created for challenging and wet environments. The full range is also available in white or black. In this way, Niko delivers on the latest trend for black and white façades.

ADVANTAGES

Easy and fast

- mechanism surface-mounting = mechanism flush-mounting
  - the familiar way of working
  - time-saving
  - limited mounting depth = more room for wiring
- heightened surface-mounting box
  - the wiring stays in the surface-mounting box underneath the base
  - the clicked-on mechanism is not pushed out
  - hands-free mounting of the hinged lid
- available with screw terminals and plug-in terminals

Reliable

- splashproof: IP55
- impact resistant: IK07
- high-chemical resistance
- unlosable screws
- the mechanism is attached to the hinged lid at delivery

Aesthetic

- beautiful flush-mounting solution for brickwork and panels
- membrane entries for the single and double surface-mounting box
- sober and subtle design
- full product range in grey, black and white: integrates harmoniously into the surroundings
- colour proof: colour in the mass

Functional

- adapter frame to connect 45 x 45 mm Niko data modules, telephone socket outlets, audio connections and TV socket outlets
- switches 16 A, led signalling device, bicycle charging station, key switch etc.

4.A
4.B
4.C
4.D
4.E
4.F

Bike charging station, 16 A/250 Vac

Two-pole with side earthing and shutters.
The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

16 A / 250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-36875	Pieces: 10	With plug-in terminals, grey
	701-36875	Pieces: 10	With plug-in terminals, white
	761-36875	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-36870	Pieces: 10	With screw terminals, grey
	701-36870	Pieces: 10	With screw terminals, white
	761-36870	Pieces: 10	With screw terminals, black

Bike charging station, 16 A/250 Vac with green protection lid

Two-pole with pin earthing and shutters.
The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

16 A / 250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-36675	Pieces: 10	With plug-in terminals, grey
	701-36675	Pieces: 10	With plug-in terminals, white
	761-36675	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-36670	Pieces: 10	With screw terminals, grey
	701-36670	Pieces: 10	With screw terminals, white
	761-36670	Pieces: 10	With screw terminals, black

Socket outlet, 16 A/250 Vac

Two-pole with side earthing and shutters.
The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

16 A / 250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-36805	Pieces: 10	With plug-in terminals, grey
	701-36805	Pieces: 10	With plug-in terminals, white
	761-36805	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-36800	Pieces: 10	With screw terminals, grey
	701-36800	Pieces: 10	With screw terminals, white
	761-36800	Pieces: 10	With screw terminals, black

Socket outlet, 16 A/250 Vac

Two-pole with pin earthing and shutters.
The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

16 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-36605	Pieces: 10	With plug-in terminals, grey
	701-36605	Pieces: 10	With plug-in terminals, white
	761-36605	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-36600	Pieces: 10	With screw terminals, grey
	701-36600	Pieces: 10	With screw terminals, white
	761-36600	Pieces: 10	With screw terminals, black

Double socket outlet, 16 A/250 VAC

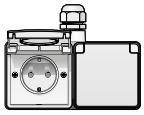
Two-pole with side earthing and shutters.
The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

16 A
250 Vac

COMPLETE UNIT, INCLUDING BOX WITH ONE M20 INLET (IP55), PRE-WIRED, PLUG-IN TERMINALS, VERTICAL

	700-37845	Pieces: 3	With plug-in terminals and one M20 cable gland, grey
	701-37845	Pieces: 3	With plug-in terminals and one M20 cable gland, white
	761-37845	Pieces: 3	With plug-in terminals and one M20 cable gland, black

COMPLETE UNIT, INCLUDING BOX WITH ONE M20 ENTRY (IP55), PRE-WIRED, PLUG-IN TERMINALS, HORIZONTAL

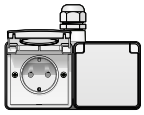


	700-37846	Pieces: 2	With plug-in terminals and one M20 cable gland, grey
	701-37846	Pieces: 2	With plug-in terminals and one M20 cable gland, white
	761-37846	Pieces: 2	With plug-in terminals and one M20 cable gland, black

COMPLETE UNIT, INCLUDING BOX WITH ONE M20 ENTRY (IP55), PRE-WIRED, SCREW TERMINALS, VERTICAL

	700-37842	Pieces: 3	With screw terminals and one M20 cable gland, grey
	701-37842	Pieces: 3	With screw terminals and one M20 cable gland, white
	761-37842	Pieces: 3	With screw terminals and one M20 cable gland, black

COMPLETE UNIT, INCLUDING BOX WITH ONE M20 INLET (IP55), PRE-WIRED, SCREW TERMINALS, HORIZONTAL



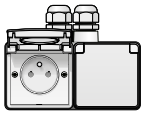
	700-37848	Pieces: 2	With screw terminals and one M20 cable gland, grey
	701-37848	Pieces: 2	With screw terminals and one M20 cable gland, white
	761-37848	Pieces: 2	With screw terminals and one M20 cable gland, black

Double socket outlet, 16 A/250 Vac

Two-pole with pin earthing and shutters.
The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

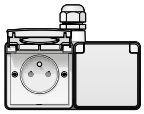
h 16 A 250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, INCLUDES BOX WITH TWO INLETS M20 (IP55), PRE-WIRED, HORIZONTAL



	700-37754	Pieces: 2	With plug-in terminals and two M20 cable glands, grey
	701-37754	Pieces: 2	With plug-in terminals and two M20 cable glands, white
	761-37754	Pieces: 2	With plug-in terminals and two M20 cable glands, black

COMPLETE UNIT WITH PLUG-IN TERMINALS, INCLUDES BOX WITH ONE INLET M20 (IP55), PRE-WIRED, HORIZONTAL

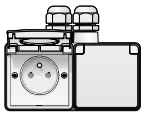


	700-37753	Pieces: 2	With plug-in terminals and one M20 cable gland, grey
	701-37753	Pieces: 2	With plug-in terminals and one M20 cable gland, white
	761-37753	Pieces: 2	With plug-in terminals and one M20 cable gland, black

COMPLETE UNIT WITH PLUG-IN TERMINALS, INCLUDES BOX WITH TWO INLETS M20 (IP55), PRE-WIRED, VERTICAL

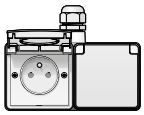
	700-37735	Pieces: 2	With plug-in terminals and two M20 cable glands, grey
	701-37735	Pieces: 2	With plug-in terminals and two M20 cable glands, white
	761-37735	Pieces: 2	With plug-in terminals and two M20 cable glands, black

COMPLETE UNIT WITH SCREW TERMINALS, INCLUDING BOX WITH TWO M20 ENTRIES (IP55), PRE-WIRED, HORIZONTAL



	700-37749	Pieces: 2	With screw terminals and two M20 cable glands, grey
	701-37749	Pieces: 2	With screw terminals and two M20 cable glands, white
	761-37749	Pieces: 2	With screw terminals and two M20 cable glands, black

COMPLETE UNIT WITH SCREW TERMINALS, INCLUDING BOX WITH ONE M20 ENTRY (IP55), PRE-WIRED, HORIZONTAL



	700-37748	Pieces: 2	With screw terminals and one M20 cable gland, grey
	701-37748	Pieces: 2	With screw terminals and one M20 cable gland, white
	761-37748	Pieces: 2	With screw terminals and one M20 cable gland, black

COMPLETE UNIT WITH SCREW TERMINALS, INCLUDING BOX WITH TWO M20 ENTRIES (IP55), PRE-WIRED, VERTICAL

	700-37730	Pieces: 2	With screw terminals and two M20 cable glands, grey
	701-37730	Pieces: 2	With screw terminals and two M20 cable glands, white
	761-37730	Pieces: 2	With screw terminals and two M20 cable glands, black

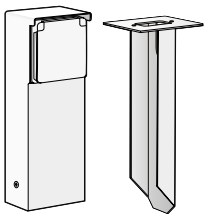
Garden post with socket outlet 16 A/250 Vac, side earthing and spike

NEW

The garden post includes one to three socket outlets (16 A/250 Vac) with side earthing, shutters and plug-in terminals. The garden post has an IP55 protection degree and is equipped with a spike that needs to be driven directly into the earth. Its functional and beautiful design makes the garden post a perfect fit for outdoor areas, such as on terraces and in outdoor kitchens. Moreover, the entire unit is splashproof, which makes it extremely well-suited for use in damp areas and demanding environments.

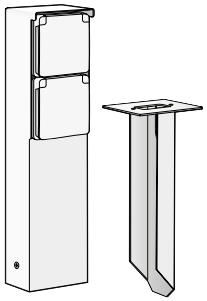
- spike included
- input voltage: 230 Vac ± 10 %, 50 Hz
- material: stainless steel
- dimensions: (1-fold) 240 x 83 x 68 mm (HxWxD)
- dimensions: (2-fold) 347 x 83 x 68 mm (HxWxD)
- dimensions: (3-fold) 422 x 83 x 68 mm (HxWxD)
- dimensions spike: 250 x 100 x 80 mm (HxWxD)

GARDEN POST WITH SINGLE SOCKET OUTLET



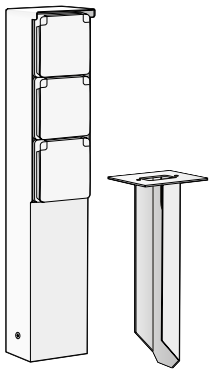
	700-36815	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, grey
	701-36815	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, white
	761-36815	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, black

GARDEN POST WITH DOUBLE SOCKET OUTLET



	700-36825	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, grey
	701-36825	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, white
	761-36825	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, black

GARDEN POST WITH THREE-FOLD SOCKET OUTLET



	700-36835	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, grey
	701-36835	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, white
	761-36835	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, black

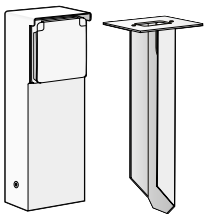
NEW

Garden post with socket outlet 16 A/250 Vac, pin earthing and spike

The garden post includes one to three socket outlets (16 A/250 Vac) with pin earthing, shutters and plug-in terminals. It has an IP55 protection degree and is equipped with a spike that needs to be driven directly into the earth. Its functional and beautiful design makes the garden post a perfect fit for outdoor areas, such as on terraces and in outdoor kitchens. Moreover, the entire unit is splashproof, which makes it extremely well-suited for use in damp areas and demanding environments.

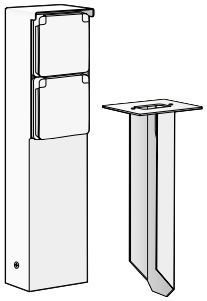
- spike included
- input voltage: 230 Vac ± 10 %, 50 Hz
- material: stainless steel
- dimensions: (1-fold) 240 x 83 x 68 mm (HxWxD)
- dimensions: (2-fold) 347 x 83 x 68 mm (HxWxD)
- dimensions: (3-fold) 422 x 83 x 68 mm (HxWxD)
- dimensions spike: 250 x 100 x 80 mm (HxWxD)

GARDEN POST WITH SINGLE SOCKET OUTLET



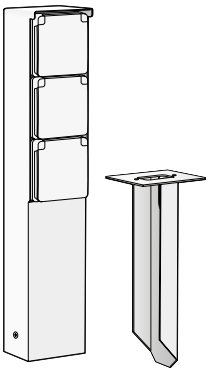
	700-36615	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, grey
	701-36615	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, white
	761-36615	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, black

GARDEN POST WITH DOUBLE SOCKET OUTLET



	700-36625	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, grey
	701-36625	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, white
	761-36625	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, black

GARDEN POST WITH THREE-FOLD SOCKET OUTLET



	700-36635	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, grey
	701-36635	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, white
	761-36635	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, black

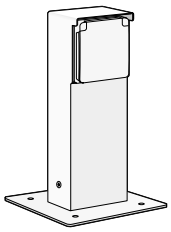
Garden post with socket outlet 16 A/250 Vac, side earthing and baseplate

NEW

The garden post includes one to three socket outlets (16 A/250 Vac) with side earthing, shutters and plug-in terminals. The garden post has an IP55 protection degree and is equipped with a baseplate for installation on a solid surface. Its functional and beautiful design makes the garden post a perfect fit for outdoor areas, such as on terraces and in outdoor kitchens. Moreover, the entire unit is splashproof, which makes it extremely well-suited for use in damp areas and demanding environments.

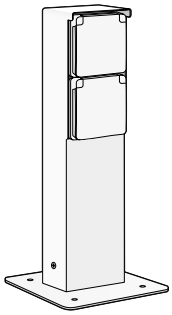
- baseplate included
- input voltage: 230 Vac ± 10 %, 50 Hz
- material: stainless steel
- dimensions: (1-fold) 240 x 83 x 68 mm (HxWxD)
- dimensions: (2-fold) 347 x 83 x 68 mm (HxWxD)
- dimensions: (3-fold) 422 x 83 x 68 mm (HxWxD)
- dimensions baseplate:150 x 150 mm

GARDEN POST WITH SINGLE SOCKET OUTLET



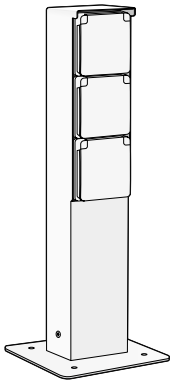
	700-36915	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, grey
	701-36915	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, white
	761-36915	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, black

GARDEN POST WITH DOUBLE SOCKET OUTLET



	700-36925	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, grey
	701-36925	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, white
	761-36925	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, black

GARDEN POST WITH THREE-FOLD SOCKET OUTLET



	700-36935	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, grey
	701-36935	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, white
	761-36935	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, black

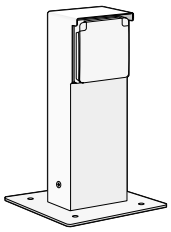
NEW

Garden post with socket outlet 16 A/250 Vac, pin earthing and baseplate

The garden post includes one to three socket outlets (16 A/250 Vac) with pin earthing, shutters and plug-in terminals. The garden post has an IP55 protection degree and is equipped with a baseplate for installation on a solid surface. Its functional and beautiful design makes the garden post a perfect fit for outdoor areas, such as on terraces and in outdoor kitchens. Moreover, the entire unit is splashproof, which makes it extremely well-suited for use in damp areas and demanding environments.

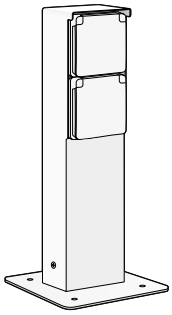
- baseplate included
- input voltage: 230 Vac ± 10 %, 50 Hz
- material: stainless steel
- dimensions: (1-fold) 240 x 83 x 68 mm (HxWxD)
- dimensions: (2-fold) 347 x 83 x 68 mm (HxWxD)
- dimensions: (3-fold) 422 x 83 x 68 mm (HxWxD)
- dimensions baseplate: 150 x 150 mm

GARDEN POST WITH SINGLE SOCKET OUTLET



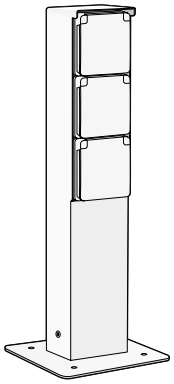
	700-36715	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, grey
	701-36715	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, white
	761-36715	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, black

GARDEN POST WITH DOUBLE SOCKET OUTLET



	700-36725	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, grey
	701-36725	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, white
	761-36725	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, black

GARDEN POST WITH THREE-FOLD SOCKET OUTLET



	700-36735	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, grey
	701-36735	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, white
	761-36735	Pieces: 1	With plug-in terminals and 1x2 M20 cable glands, black

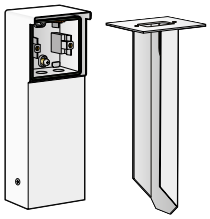
Garden post with spike for Niko Hydro functions

NEW

The garden post can hold one to three Niko Hydro functions of your choice. The garden post has an IP55 protection degree and is equipped with a spike that needs to be driven directly into the earth. Its functional and beautiful design makes the garden post a perfect fit for outdoor areas, such as on terraces and in outdoor kitchens. Moreover, the entire unit is splashproof, which makes it extremely well-suited for use in damp areas and demanding environments. Please note that the adapter frame xxx-85000 must be used to build 45 x 45 mm functions, such as data modules, telephone sockets, audio connections and TV/FM sockets, into the garden post.

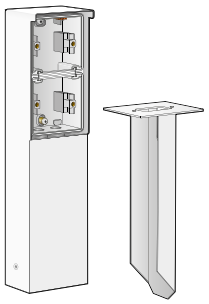
- spike included
- input voltage: 230 Vac ± 10 %, 50 Hz
- material: stainless steel
- dimensions: (1-fold) 240 x 83 x 68 mm (HxWxD)
- dimensions: (2-fold) 347 x 83 x 68 mm (HxWxD)
- dimensions: (3-fold) 422 x 83 x 68 mm (HxWxD)
- dimensions spike: 250 x 100 x 80 mm (HxWxD)

GARDEN POST FOR A SINGLE FUNCTION



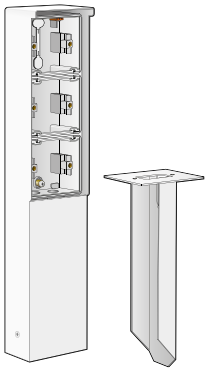
	700-36810	Pieces: 1	With 1x2 M20 cable glands, grey
	701-36810	Pieces: 1	With 1x2 M20 cable glands, white
	761-36810	Pieces: 1	With 1x2 M20 cable glands, black

GARDEN POST FOR TWO FUNCTIONS



	700-36820	Pieces: 1	With 1x2 M20 cable glands, grey
	701-36820	Pieces: 1	With 1x2 M20 cable glands, white
	761-36820	Pieces: 1	With 1x2 M20 cable glands, black

GARDEN POST FOR THREE FUNCTIONS



	700-36830	Pieces: 1	With 1x2 M20 cable glands, grey
	701-36830	Pieces: 1	With 1x2 M20 cable glands, white
	761-36830	Pieces: 1	With 1x2 M20 cable glands, black

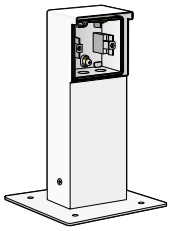
NEW

Garden post with baseplate for Niko Hydro functions

The garden post can hold one to three Niko Hydro functions of your choice. The garden post has an IP55 protection degree and is equipped with a baseplate for installation on a solid surface. Its functional and beautiful design makes the garden post a perfect fit for outdoor areas, such as on terraces and in outdoor kitchens. Moreover, the entire unit is splashproof, which makes it extremely well-suited for use in damp areas and in demanding environments. Please note that the adapter frame xxx-85000 must be used to build 45 x 45 mm functions, such as data modules, telephone sockets, audio connections and TV/FM sockets, into the garden post.

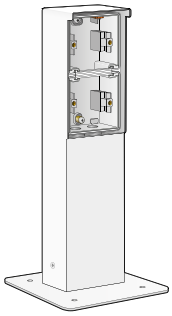
- baseplate included
- input voltage: 230 Vac ± 10 %, 50 Hz
- material: stainless steel
- dimensions: (1-fold) 240 x 83 x 68 mm (HxWxD)
- dimensions: (2-fold) 347 x 83 x 68 mm (HxWxD)
- dimensions: (3-fold) 422 x 83 x 68 mm (HxWxD)
- dimensions baseplate: 150 x 150 mm

GARDEN POST FOR A SINGLE FUNCTION



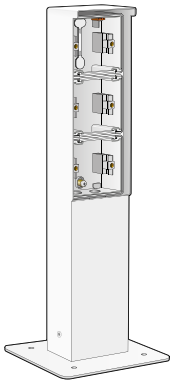
	700-36910	Pieces: 1	With 1x2 M20 cable glands, grey
	701-36910	Pieces: 1	With 1x2 M20 cable glands, white
	761-36910	Pieces: 1	With 1x2 M20 cable glands, black

GARDEN POST FOR TWO FUNCTIONS



	700-36920	Pieces: 1	With 1x2 M20 cable glands, grey
	701-36920	Pieces: 1	With 1x2 M20 cable glands, white
	761-36920	Pieces: 1	With 1x2 M20 cable glands, black

GARDEN POST FOR THREE FUNCTIONS



	700-36930	Pieces: 1	With 1x2 M20 cable glands, grey
	701-36930	Pieces: 1	With 1x2 M20 cable glands, white
	761-36930	Pieces: 1	With 1x2 M20 cable glands, black

Two-pole switch, 10 AX/250 Vac

The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

10 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-31205	Pieces: 10	With plug-in terminals, grey
	701-31205	Pieces: 10	With plug-in terminals, white
	761-31205	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-31200	Pieces: 10	With screw terminals, grey
	701-31200	Pieces: 10	With screw terminals, white
	761-31200	Pieces: 10	With screw terminals, black

Two-way switch, 10 AX/250 Vac

The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

10 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-31605	Pieces: 10	With plug-in terminals, grey
	701-31605	Pieces: 10	With plug-in terminals, white
	761-31605	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-31600	Pieces: 10	With screw terminals, grey
	701-31600	Pieces: 10	With screw terminals, white
	761-31600	Pieces: 10	With screw terminals, black

Intermediate switch, 10 AX/250 Vac

The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

10 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-31705	Pieces: 10	With plug-in terminals, grey
	701-31705	Pieces: 10	With plug-in terminals, white
	761-31705	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-31700	Pieces: 10	With screw terminals, grey
	701-31700	Pieces: 10	With screw terminals, white
	761-31700	Pieces: 10	With screw terminals, black

Two-pole switch, 16 AX/250 Vac

The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

16 A
250 Vac

COMPLETE UNIT MET INSTEEKKLEMMEN, EXCLUDING BOX (IP55)

	700-31300	Pieces: 10	With screw terminals, grey
	701-31300	Pieces: 10	With screw terminals, white
	761-31300	Pieces: 10	With screw terminals, black

Two-way switch, 16 AX/250 Vac

The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

16 A
250 Vac

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-31616	Pieces: 10	With screw terminals, grey
	701-31616	Pieces: 10	With screw terminals, white
	761-31616	Pieces: 10	With screw terminals, black

Two-circuit switch, 10 AX/250 Vac

The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

10 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-31505	Pieces: 10	With plug-in terminals, grey
	701-31505	Pieces: 10	With plug-in terminals, white
	761-31505	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-31500	Pieces: 10	With screw terminals, grey
	701-31500	Pieces: 10	With screw terminals, white
	761-31500	Pieces: 10	With screw terminals, black

Double two-way switch, 10 AX/250 Vac

The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

10 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-32605	Pieces: 10	With plug-in terminals, grey
	701-32605	Pieces: 10	With plug-in terminals, white
	761-32605	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-32600	Pieces: 10	With screw terminals, grey
	701-32600	Pieces: 10	With screw terminals, white
	761-32600	Pieces: 10	With screw terminals, black

Two-pole control switch, 10 AX/250 Vac

With small transparent window without symbol. The LED lighting element needs to be ordered separately (see accessories).
The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

10 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-37205	Pieces: 10	With plug-in terminals, grey
	701-37205	Pieces: 10	With plug-in terminals, white
	761-37205	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-37200	Pieces: 10	With screw terminals, grey
	701-37200	Pieces: 10	With screw terminals, white
	761-37200	Pieces: 10	With screw terminals, black

Two-way control switch, 10 AX/250 Vac

With small transparent window without symbol. The LED lighting element needs to be ordered separately (see accessories).
The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

10 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-37605	Pieces: 10	With plug-in terminals, grey
	701-37605	Pieces: 10	With plug-in terminals, white
	761-37605	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-37600	Pieces: 10	With screw terminals, grey
	701-37600	Pieces: 10	With screw terminals, white
	761-37600	Pieces: 10	With screw terminals, black

Key switch 10 A/250 Vac

With this splashproof key switch, you can easily open and close electric sliding doors, fences, swimming pool covers, etc.
The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

10 A
250 Vac

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-38700	Pieces: 10	Key switch, grey
	701-38700	Pieces: 10	Key switch, white
	761-38700	Pieces: 10	Key switch, black

Key switch 16 A/250 Vac

With this splashproof key switch, you can easily open and close electric sliding doors, fences, swimming pool covers, etc.
The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

16 A
250 Vac

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-38800	Pieces: 6	Key switch 16 A, grey
	701-38800	Pieces: 6	Key switch 16 A, white
	761-38800	Pieces: 6	Key switch 16 A, black

Roll-down shutter switch, mechanically locked and electrically separated

This switch is used for controlling the motors of roll-down shutters, garage ports, venetian blinds, awnings, etc. To change the rotary direction, place the left key on 'STOP', then press the correct arrow on the right key and finally press 'START' again.
The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

10 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-35905	Pieces: 10	With plug-in terminals, grey
	701-35905	Pieces: 10	With plug-in terminals, white
	761-35905	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-35900	Pieces: 10	With screw terminals, grey
	701-35900	Pieces: 10	With screw terminals, white
	761-35900	Pieces: 10	With screw terminals, black

Roll-down shutter push button, electrically separated

This push button is used for controlling the motors of roll-down shutters, garage ports, venetian blinds, awnings, etc.
The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

10 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-35915	Pieces: 10	With plug-in terminals, grey
	701-35915	Pieces: 10	With plug-in terminals, white
	761-35915	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-35910	Pieces: 10	With screw terminals, grey
	701-35910	Pieces: 10	With screw terminals, white
	761-35910	Pieces: 10	With screw terminals, black

Illuminable push button, NO or NC

With small transparent window without symbol. The LED lighting element needs to be ordered separately (see accessories).
The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

10 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-30005	Pieces: 10	With plug-in terminals, grey
	701-30005	Pieces: 10	With plug-in terminals, white
	761-30005	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-30000	Pieces: 10	With screw terminals, grey
	701-30000	Pieces: 10	With screw terminals, white
	761-30000	Pieces: 10	With screw terminals, black

Non-illuminable push button, NO or NC

The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

10 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-33005	Pieces: 10	With plug-in terminals, grey
	701-33005	Pieces: 10	With plug-in terminals, white
	761-33005	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-33000	Pieces: 10	With screw terminals, grey
	701-33000	Pieces: 10	With screw terminals, white
	761-33000	Pieces: 10	With screw terminals, black

Illuminable double push button, 2x NO or NC

With small transparent windows without symbol. The LED lighting elements need to be ordered separately (see accessories).
The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

10 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-35105	Pieces: 10	With plug-in terminals, grey
	701-35105	Pieces: 10	With plug-in terminals, white
	761-35105	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-35100	Pieces: 10	With screw terminals, grey
	701-35100	Pieces: 10	With screw terminals, white
	761-35100	Pieces: 10	With screw terminals, black

Non-illuminable double push button, 2x NO or NC

The Niko Hydro products are not suitable for use in ammonia rich environments (e.g. pig houses).

10 A
250 Vac

COMPLETE UNIT WITH PLUG-IN TERMINALS, EXCLUDING BOX (IP55)

	700-35005	Pieces: 10	With plug-in terminals, grey
	701-35005	Pieces: 10	With plug-in terminals, white
	761-35005	Pieces: 10	With plug-in terminals, black

COMPLETE UNIT WITH SCREW TERMINALS, EXCLUDING BOX (IP55)

	700-35000	Pieces: 10	With screw terminals, grey
	701-35000	Pieces: 10	With screw terminals, white
	761-35000	Pieces: 10	With screw terminals, black

Small transparent window with symbols for push buttons (10 A/250 Vac)

SMALL TRANSPARENT WINDOWS

	700-30100	Pieces: 10	With bell symbol
	700-30200	Pieces: 10	With lamp symbol
	700-30300	Pieces: 10	With key symbol

Indication unit, 250 Vac

With transparent lid with red or white LEDs.

250 Vac

COMPLETE UNIT, EXCLUDING BOX (IP55)

	700-38100	Pieces: 10	With screw terminals and red LED
	700-38200	Pieces: 10	With screw terminals and white LEDs

Adapter frame with hinged lid for 45 x 45 mm functions

Adapter frame for flush mounting the following 45 x 45 mm functions: Niko data modules, telephone socket outlets, audio connections and TV/FM socket outlets.

COMPLETE UNIT, EXCLUDING BOX (IP55)

	700-85000	Pieces: 10	grey
	701-85000	Pieces: 10	white
	761-85000	Pieces: 10	black

Data module for Niko RJ connectors

single data module (flat) = 1 single finishing set + 1 adapter
double data module (flat) = 1 double finishing set + 2 adapters
double data module (oblique) = 1 double finishing set + 1 adapter

ADAPTERS FOR FLAT FINISHING SETS FOR NIKO 650-450XX, SINGLE

170-65901 Pieces: 10 Single adapter 9.1

ADAPTERS FOR OBLIQUE FINISHING SETS FOR NIKO 650-450XX, DOUBLE

170-65904 Pieces: 10 Double adapter angled 9.4

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65100 Pieces: 10	**101-65100** Pieces: 10	**102-65100** Pieces: 10
104-65100 Pieces: 10	**121-65100** Pieces: 10	**122-65100** Pieces: 10
123-65100 Pieces: 10	**124-65100** Pieces: 10	**154-65100** Pieces: 10
157-65100 Pieces: 10	**161-65100** Pieces: 10	**200-65100** Pieces: 10
220-65100 Pieces: 10	**221-65100** Pieces: 10	

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65200 Pieces: 10	**101-65200** Pieces: 10	**102-65200** Pieces: 10
104-65200 Pieces: 10	**121-65200** Pieces: 10	**122-65200** Pieces: 10
123-65200 Pieces: 10	**124-65200** Pieces: 10	**154-65200** Pieces: 10
157-65200 Pieces: 10	**161-65200** Pieces: 10	**200-65200** Pieces: 10
220-65200 Pieces: 10	**221-65200** Pieces: 10	

STANDARD 45 X 45 MM MODULE, FLAT

101-65500 Pieces: 10 Single finishing set with transparent text field

STANDARD 45 X 45 MM MODULE, FLAT

101-65600 Pieces: 10 Double finishing set with transparent text field

FINISHING SET WITH TRANSPARENT LABELLING WINDOW

100-65400 Pieces: 10	**101-65400** Pieces: 10	**102-65400** Pieces: 10
104-65400 Pieces: 10	**121-65400** Pieces: 10	**122-65400** Pieces: 10
123-65400 Pieces: 10	**124-65400** Pieces: 10	**154-65400** Pieces: 10
157-65400 Pieces: 10	**161-65400** Pieces: 10	**200-65400** Pieces: 10
220-65400 Pieces: 10	**221-65400** Pieces: 10	

Niko RJ connector

ACCESSORY

	650-45051	Pieces: 10	RJ45 connector, UTP, cat. 5E
	650-45055	Pieces: 10	RJ45 connector, STP, cat. 5E
	650-45061	Pieces: 10	RJ45 connector, UTP, cat. 6
	650-45066	Pieces: 10	RJ45 connector, STP, cat. 6
	650-45013	Pieces: 10	RJ11 connector, UTP
	650-45071	Pieces: 10	RJ45 connector, UTP, cat.6 A
	650-45077	Pieces: 10	RJ45 connector, STP, cat.6 A

Single data module for other RJ connectors

data module = 1 finishing set + 1 adapter

ADAPTERS FOR FLAT FINISHING SETS FOR OTHER BRANDS, SINGLE

	170-65101	Pieces: 10	Single adapter 1 (for AMP, Siemon, Nexans, Brandrex,...)
	170-65201	Pieces: 10	Single adapter 2 (for systimax,...)
	170-65501	Pieces: 10	Single adapter 5 (for Krone, Kerpen, Radiall, Gigamedia,...)
	170-65601	Pieces: 10	Single adapter 6 (for Panduit,...)
	170-65701	Pieces: 10	Single adapter 7 (for CAE, Multimedia Connect/MMC, Abitana, Prysmian Molex,...)

ADAPTERS FOR FLAT FINISHING SETS FOR NIKO 02-399-XX, SINGLE

	170-65401	Pieces: 10	Single adapter 4.1

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65100	Pieces: 10	**101-65100**	Pieces: 10	**102-65100**	Pieces: 10
104-65100	Pieces: 10	**121-65100**	Pieces: 10	**122-65100**	Pieces: 10
123-65100	Pieces: 10	**124-65100**	Pieces: 10	**154-65100**	Pieces: 10
157-65100	Pieces: 10	**161-65100**	Pieces: 10	**200-65100**	Pieces: 10
220-65100	Pieces: 10	**221-65100**	Pieces: 10		

STANDARD 45 X 45 MM MODULE, FLAT

	101-65500	Pieces: 10	Single finishing set with transparent text field

4.A
4.B
4.C
4.D
4.E
4.F

Double data module for other RJ connectors

data module = 1 finishing set + 2 single adapters or 1 double adapter

ADAPTERS FOR FLAT FINISHING SETS FOR OTHER BRANDS, SINGLE

170-65101 Pieces: 10 Single adapter 1 (for AMP, Siemon, Nexans, Brandrex,...)

170-65201 Pieces: 10 Single adapter 2 (for systimax,...)

170-65501 Pieces: 10 Single adapter 5 (for Krone, Kerpen, Radiall, Gigamedia,...)

170-65601 Pieces: 10 Single adapter 6 (for Panduit,...)

170-65701 Pieces: 10 Single adapter 7 (for CAE, Multimedia Connect/MMC, Abitana, Prysmian, Molex,...)

ADAPTERS FOR FLAT FINISHING SETS FOR OTHER BRANDS, DOUBLE

170-65302 Pieces: 10 Double adapter 3.2

ADAPTERS FOR FLAT FINISHING SETS FOR NIKO 02-399-XX, DOUBLE

170-65402 Pieces: 10 Double adapter 4.2

FINISHING SET WITH NON-TRANSPARENT LABELLING WINDOW

100-65200 Pieces: 10
104-65200 Pieces: 10
123-65200 Pieces: 10
157-65200 Pieces: 10
220-65200 Pieces: 10
101-65200 Pieces: 10
121-65200 Pieces: 10
124-65200 Pieces: 10
161-65200 Pieces: 10
221-65200 Pieces: 10
102-65200 Pieces: 10
122-65200 Pieces: 10
154-65200 Pieces: 10
200-65200 Pieces: 10

STANDARD 45 X 45 MM MODULE, FLAT

101-65600 Pieces: 10 Double finishing set with transparent text field

Telephone socket outlet, 45 x 45 mm

COMPLETE UNIT

101-69002 Pieces: 10 Five-pole telephone socket outlet (Belgium)

101-69032 Pieces: 10 Telephone socket outlet with two RJ11 connectors in parallel

Audio connection, 45 x 45 mm

COMPLETE UNIT

	101-69703	Pieces: 10	Double loudspeaker connection
	101-69803	Pieces: 10	Single loudspeaker connection

TV/FM socket outlet, 45 x 45 mm

COMPLETE UNIT

	101-69121	Pieces: 10	Single socket outlet with coaxial connection for TV
	101-69501	Pieces: 10	Single socket outlet with coaxial connection for TV and FM
	101-69552	Pieces: 10	Single socket outlet with coaxial connection for TV, FM and satellite
	101-69601	Pieces: 10	Loop-through socket outlet with coaxial connection for TV and FM

4.A
4.B
4.C
4.D
4.E
4.F

Surface-mounting box for one function

This single surface-mounting box is suitable for one function. The entire unit is splashproof which makes it extremely well-suited for use in damp areas and in demanding environments.

SINGLE SURFACE-MOUNTING BOX WITH TWO MEMBRANE ENTRIES

	700-83101	Pieces: 10	Single box, grey
	701-83101	Pieces: 10	Single box, white
	761-83101	Pieces: 10	Single box, black

SINGLE SURFACE-MOUNTING BOX WITH 1 M20 ENTRY

	700-84101	Pieces: 10	Single box with one M20 entry, grey
	701-84101	Pieces: 10	Single box with one M20 entry, white
	761-84101	Pieces: 10	Single box with one M20 entry, black

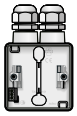
SURFACE-MOUNTING BOX WITH 1 M20 ENTRY INCLUDING CABLE GLAND

	700-84151	Pieces: 8	Single box with one M20 entry including M20 cable gland, grey
	701-84151	Pieces: 8	Single box with one M20 entry including M20 cable gland, white
	761-84151	Pieces: 8	Single box with one M20 entry including M20 cable gland, black

SINGLE SURFACE-MOUNTING BOX WITH 1X2 M20 ENTRIES

	700-84102	Pieces: 10	Single box with 1x two M20 entries, grey
	701-84102	Pieces: 10	Single box with 1x two M20 entries, white
	761-84102	Pieces: 10	Single box with 1x two M20 entries, black

SURFACE-MOUNTING BOX WITH 1X2 M20 ENTRYIESINCLUDING CABLE GLANDS



	700-84152	Pieces: 8	Single box with 1x two M20 entries including M20 cable glands, grey
	701-84152	Pieces: 8	Single box with 1x two M20 entries including M20 cable glands, white
	761-84152	Pieces: 8	Single box with 1x two M20 entries including M20 cable glands, black

SINGLE SURFACE-MOUNTING BOX WITH 2X1 M20 ENTRIES

	700-84111	Pieces: 10	Single box with 2x one M20 entry, grey
	701-84111	Pieces: 10	Single box with 2x one M20 entry, white
	761-84111	Pieces: 10	Single box with 2x one M20 entry, black

SURFACE-MOUNTING BOX WITH 2X1 M20 ENTRIES INCLUDING CABLE GLANDS

	700-84161	Pieces: 5	Single box with 2x one M20 entry including M20 cable glands, grey
	701-84161	Pieces: 5	Single box with 2x one M20 entry including M20 cable glands, white
	761-84161	Pieces: 5	Single box with 2x one M20 entry including M20 cable glands, black

SINGLE SURFACE-MOUNTING BOX WITH 1X2 AND ONE M20 ENTRIES

	700-84112	Pieces: 10	Single box with 1x two M20 entries and one M20 entry, grey
	701-84112	Pieces: 10	Single box with 1x two M20 entries and one M20 entry, white
	761-84112	Pieces: 10	Single box with 1x two M20 entries and one M20 entry, black

SURFACE-MOUNTING BOX WITH 2+1 M20 ENTRIES INCLUDING CABLE GLANDS

	700-84162	Pieces: 5	Single box with 1x two M20 entries and one M20 entry including M20 cable glands, grey
	701-84162	Pieces: 5	Single box with 1x two M20 entries and one M20 entry including M20 cable glands, white
	761-84162	Pieces: 5	Single box with 1x two M20 entries and one M20 entry including M20 cable glands, black

Vertical surface-mounting box for two functions

This double vertical surface-mounting frame is suitable for two functions. The entire unit is splashproof which makes it extremely well-suited for use in damp areas and in demanding environments.

DOUBLE VERTICAL SURFACE-MOUNTING BOX WITH TWO MEMBRANE ENTRIES

	700-83201	Pieces: 5	Double box, grey
	701-83201	Pieces: 5	Double box, white
	761-83201	Pieces: 5	Double box, black

VERTICAL SURFACE-MOUNTING BOX WITH 1 M20 ENTRY

	700-84201	Pieces: 5	Double box with one M20 entry, grey
	701-84201	Pieces: 5	Double box with one M20 entry, white
	761-84201	Pieces: 5	Double box with one M20 entry, black

VERTICAL SURFACE-MOUNTING BOX WITH 1 M20 ENTRY INCLUDING GLAND

	700-84251	Pieces: 5	Double box with one M20 entry including M20 cable gland, grey
	701-84251	Pieces: 5	Double box with one M20 entry including M20 cable gland, white
	761-84251	Pieces: 5	Double box with one M20 entry including M20 cable gland, black

VERTICAL SURFACE-MOUNTING BOX WITH 1X2 M20 ENTRIES

	700-84202	Pieces: 5	Double box with 1x two M20 entries, grey
	701-84202	Pieces: 5	Double box with 1x two M20 entries, white
	761-84202	Pieces: 5	Double box with 1x two M20 entries, black

VERTICAL SURFACE-MOUNTING BOX WITH 1X2 M20 ENTRIES INCLUDING GLANDS

	700-84252	Pieces: 5	Double box with 1x two M20 entries including M20 cable glands, grey
	701-84252	Pieces: 5	Double box with 1x two M20 entries including M20 cable glands, white
	761-84252	Pieces: 5	Double box with 1x two M20 entries including M20 cable glands, black

VERTICAL SURFACE-MOUNTING BOX WITH 2X1 M20 ENTRIES

	700-84211	Pieces: 5	Double box with 2x one M20 entry, grey
	701-84211	Pieces: 5	Double box with 2x one M20 entry, white
	761-84211	Pieces: 5	Double box with 2x one M20 entry, black

VERTICAL SURFACE-MOUNTING BOX WITH 2X1 M20 ENTRIES INCLUDING GLANDS

	700-84261	Pieces: 4	Double box with 2x one M20 entry including M20 cable glands, grey
	701-84261	Pieces: 4	Double box with 2x one M20 entry including M20 cable glands, white
	761-84261	Pieces: 4	Double box with 2x one M20 entry including M20 cable glands, black

VERTICAL SURFACE-MOUNTING BOX WITH 1X2 M20 ENTRIES +1 M20 ENTRIE

	700-84212	Pieces: 5	Double box with 1x two M20 entries and one M20 entry, grey
	701-84212	Pieces: 5	Double box with 1x two M20 entries and one M20 entry, white
	761-84212	Pieces: 5	Double box with 1x two M20 entries and one M20 entry, black

VERTICAL SURFACE-MOUNTING BOX WITH 2+1 M20 ENTRIES INCLUDING GLANDS

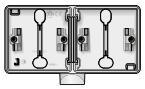
	700-84262	Pieces: 4	Double box with 1x two M20 entries and one M20 entry including M20 cable glands, grey
	701-84262	Pieces: 4	Double box with 1x two M20 entries and one M20 entry including M20 cable glands, white
	761-84262	Pieces: 4	Double box with 1x two M20 entries and one M20 entry including M20 cable glands, black

4.A
4.B
4.C
4.D
4.E
4.F

Horizontal surface-mounting box for two functions

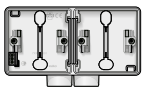
This double horizontal surface-mounting frame is suitable for two functions. The entire unit is splashproof which makes it extremely well-suited for use in damp areas and in demanding environments.

HORIZONTAL SURFACE-MOUNTING BOX WITH 1 M20 ENTRY



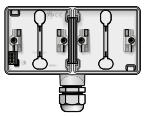
	700-84801	Pieces: 5	Double box with one M20 entry, grey
	701-84801	Pieces: 5	Double box with one M20 entry, white
	761-84801	Pieces: 5	Double box with one M20 entry, black

HORIZONTAL SURFACE-MOUNTING BOX WITH 1X2 M20 ENTRIES



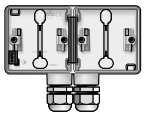
	700-84802	Pieces: 5	Double box with 1x two M20 entries, grey
	701-84802	Pieces: 5	Double box with 1x two M20 entries, white
	761-84802	Pieces: 5	Double box with 1x two M20 entries, black

HORIZONTAL SURFACE-MOUNTING BOX WITH 1 M20 ENTRY INCLUDING CABLE GLAND



	700-84851	Pieces: 4	Double box with one M20 entry including M20 cable gland, grey
	701-84851	Pieces: 4	Double box with one M20 entry including M20 cable gland, white
	761-84851	Pieces: 4	Double box with one M20 entry including M20 cable gland, black

HORIZONTAL SURFACE-MOUNTING BOX WITH 1X2 M20 ENTRIES INCLUDING CABLE GLANDS



	700-84852	Pieces: 4	Double box with 1x two M20 entries including M20 cable glands, grey
	701-84852	Pieces: 4	Double box with 1x two M20 entries including M20 cable glands, white
	761-84852	Pieces: 4	Double box with 1x two M20 entries including M20 cable glands, black

3-fold vertical surface-mounting box

This 3-fold vertical surface-mounting box with two M20 inputs is suitable for 3 functions. The entire unit is splashproof which makes it extremely well-suited for use in damp areas and in demanding environments.

VERTICAL SURFACE-MOUNTING BOX WITH 1X2 M20 ENTRIES

	700-84302	Pieces: 3	Triple box with 1 x two M20 entries, grey
	701-84302	Pieces: 3	Triple box with 1 x two M20 entries, white
	761-84302	Pieces: 3	Triple box with 1 x two M20 entries, black

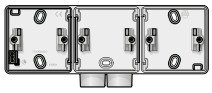
VERTICAL SURFACE-MOUNTING BOX WITH 1X2 M20 ENTRIES INCLUDING CABLE GLANDS

	700-84352	Pieces: 3	Triple box with 1 x two M20 entries, M20 cable glands included, grey
	701-84352	Pieces: 3	Triple box with 1 x two M20 entries, M20 cable glands included, white
	761-84352	Pieces: 3	Triple box with 1 x two M20 entries, M20 cable glands included, black

3-fold horizontal surface-mounting box

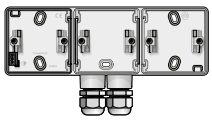
This 3-fold horizontal surface-mounting box with two M20 inputs is suitable for 3 functions. The entire unit is splashproof which makes it extremely well-suited for use in damp areas and in demanding environments.

HORIZONTAL SURFACE-MOUNTING BOX WITH 1X2 M20 ENTRIES



	700-84902	Pieces: 3	Triple box with 1 x two M20 entries, grey
	701-84902	Pieces: 3	Triple box with 1 x two M20 entries, white
	761-84902	Pieces: 3	Triple box with 1 x two M20 entries, black

HORIZONTAL SURFACE-MOUNTING BOX WITH 1X2 M20 ENTRIES INCLUDING CABLE GLANDS



	700-84952	Pieces: 3	Triple box with 1 x two M20 entries, M20 cable glands included, grey
	701-84952	Pieces: 3	Triple box with 1 x two M20 entries, M20 cable glands included, white
	761-84952	Pieces: 3	Triple box with 1 x two M20 entries, M20 cable glands included, black

Flush-mounting frame

For flush mounting one splashproof Niko Hydro function in brickwork or panels.

SINGLE FLUSH-MOUNTING FRAME

	700-73000	Pieces: 6	Single flush-mounting frame, grey
	701-73000	Pieces: 6	Single flush-mounting frame, white
	761-73000	Pieces: 6	Single flush-mounting frame, black

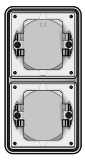
ACCESSORY

170-00093	Pieces: 100	Screw HI-LO 3.2 x 13 (to be ordered per 100 items)

Double vertical flush-mounting frame

This double vertical flush-mounting frame is suitable for two functions. The entire unit is splashproof which makes it extremely well-suited for use in damp areas and in demanding environments.

DOUBLE VERTICAL FLUSH-MOUNTING FRAME



	700-74000	Pieces: 3	Grey
	701-74000	Pieces: 3	White
	761-74000	Pieces: 3	Black

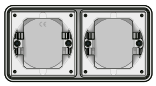
ACCESSORY

170-00093	Pieces: 100	Screw HI-LO 3.2 x 13 (to be ordered per 100 items)

Double horizontal flush-mounting frame

This double horizontal surface-mounting frame is suitable for two functions. The entire unit is splashproof which makes it extremely well-suited for use in damp areas and in demanding environments.

DOUBLE HORIZONTAL FLUSH-MOUNTING FRAME



	700-75000	Pieces: 3	Grey
	701-75000	Pieces: 3	White
	761-75000	Pieces: 3	Black

ACCESSORY

170-00093	Pieces: 100	Screw HI-LO 3.2 x 13 (to be ordered per 100 items)

Blind plate

ACCESSORY

700-38500	Pieces: 10	Blind plate, grey
701-38500	Pieces: 10	Blind plate, white
761-38500	Pieces: 10	Blind plate, black

M20 cable gland

ACCESSORY

700-84001	Pieces: 50	M20 cable gland, grey

701-84001	Pieces: 50	M20 cable gland, white

761-84001	Pieces: 50	M20 cable gland, black

M20 blind plug

ACCESSORY

700-84000	Pieces: 100	M20 blind plug, grey

701-84000	Pieces: 100	M20 blind plug, white

761-84000	Pieces: 100	M20 blind plug, black

Led lighting element for control switches and illuminable push buttons

The LED lighting element with automatic connection has a signalling function when combined with a two-way or intermediate switch, an NO or NC push button or a 2x NO or NC push button. In combination with a two-pole switch, this LED lighting element has a control function.

LED LIGHTING ELEMENTS SPECIFICALLY FOR SWITCHES WITH SCREW TERMINALS

	170-37023	Pieces: 10	With automatic connection, white, 230 Vac
	170-37123	Pieces: 10	With automatic connection, blue, 230 Vac
	170-37323	Pieces: 10	With automatic connection, amber, 230 Vac

LED LIGHTING ELEMENTS

	170-37012	Pieces: 10	With wires, white, 12 Vac/Vdc
	170-37024	Pieces: 10	With wires, white, 24 Vac/Vdc
	170-37923	Pieces: 10	With wires, white, 230 Vac
	170-37212	Pieces: 10	With wires, blue, 12 Vac/Vdc
	170-37224	Pieces: 10	With wires, blue, 24 Vac/Vdc
	170-37223	Pieces: 10	With wires, blue, 230 Vac
	170-37424	Pieces: 10	With wires, amber, 24 Vac/Vdc
	170-37423	Pieces: 10	With wires, amber, 230 Vac
	170-37623	Pieces: 10	With wires, red, 230 Vac
	170-37823	Pieces: 10	With wires, green, 230 Vac

Finder Archief Wijzig Weergave Ga Venster Help
Catalog
Catalogue
Catalog
Katalog

Trunking systems

Integrating cables in an interior without channelling or drilling? With Niko's trunking system you can deliver a clean, seamless finish that is easy and quick to install.

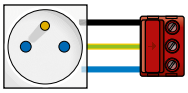
ADVANTAGES

Compact
- limited number of products
- full solution for every location

Flexible
- suitable for horizontal and vertical mounting
- suitable for mounting on laboratory tables

Easy mounting
- 1 installer can do the job
- the base plate has a drill guidance every 25 cm
- large wiring capacity
- socket outlets and data outlets are directly clicked onto the duct
- robust and solid thanks to the double-walled concept
- a raised frame enables additional cable capacity in single and double ducts
- perfect separation between high and low-voltage currents

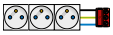
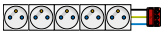
Sustainable quality
- material: PVC
- RAL 9010, coloured in the mass
- protection degree: IP40
- impact resistance: IK07

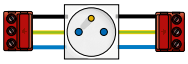


Socket outlet with one terminal block with screw connection, 45 x 45 mm

With pin earthing and safety shutter. Suitable for floor boxes.

ASSEMBLED UNIT

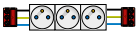
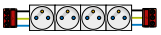
	06-000	Pieces: 10	Single, white
	06-002	Pieces: 5	Double, white
	**06-003**	Pieces: 3	Three-fold, white
	06-004	Pieces: 2	Four-fold, white
	**06-005**	Pieces: 2	Five-fold, white
	06-010	Pieces: 10	Single, with polarisation key, red
	06-012	Pieces: 5	Two-fold, with polarisation key, red
	06-013	Pieces: 3	Three-fold, with polarisation key, red
	06-020	Pieces: 10	Single, green
	06-030	Pieces: 10	Single, orange
	06-099-01	Pieces: 20	Polarisation key

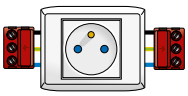


Socket outlet with two terminal blocks with screw connection, 45 x 45 mm

With pin earthing and safety shutter.

ASSEMBLED UNIT

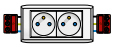
	06-000-20	Pieces: 10	Single, white
	06-002-20	Pieces: 10	Double, white
	**06-003-20**	Pieces: 3	Three-fold, white
	**06-004-20**	Pieces: 2	Four-fold, white
	06-005-20	Pieces: 2	Five-fold, white
	06-010-20	Pieces: 10	Single, with polarisation key, red
	06-012-20	Pieces: 10	Two-fold, with polarisation key, red
	06-013-20	Pieces: 3	Three-fold, with polarisation key, red
	06-099-01	Pieces: 20	Polarisation key



Socket outlet with two terminal blocks with screw connection and raised frame, 45 x 45 mm

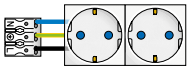
With pin earthing and safety shutter.

ASSEMBLED UNIT

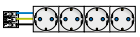
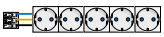
	06-000-29	Pieces: 5	Single
	**06-002-29**	Pieces: 5	Double

Socket outlet with one terminal block with plug-in connection, 45 x 45 mm

With side earthing and safety shutter.

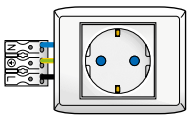


ASSEMBLED UNIT

	06-002-11	Pieces: 5	Double
	06-003-11	Pieces: 3	Three-fold
	**06-004-11**	Pieces: 2	Four-fold
	**06-005-11**	Pieces: 2	Five-fold

Socket outlet with one terminal block with plug-in connection and raised frame, 45 x 45 mm

With side earthing and safety shutter.

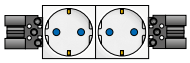


ASSEMBLED UNIT

	06-000-21	Pieces: 5	Single
	06-002-21	Pieces: 5	Double

Socket outlet with side earthing and two Wieland GST18 connectors, 45 x 45 mm

With side earthing and safety shutter.

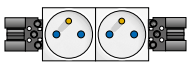


ASSEMBLED UNIT

	06-002-51	Pieces: 10	Double
	06-003-51	Pieces: 8	Three-fold
	06-004-51	Pieces: 2	Four-fold
	06-005-51	Pieces: 2	Five-fold

Socket outlet with pin earthing and two Wieland GST18 connectors, 45 x 45 mm

With pin earthing and safety shutter.

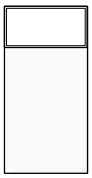


ASSEMBLED UNIT

	06-002-50	Pieces: 10	Double
	06-003-50	Pieces: 8	Three-fold

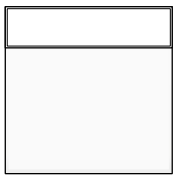
Push button, 10 A/250 Vac

The LED lighting element needs to be ordered separately.



COMPLETE UNIT

	101-01010	Pieces: 10	Push button, NO or NC (22.5 x 45 mm)
	101-07010	Pieces: 10	Illuminable push button with small transparent window, NO or NC (22.5 x 45 mm)
	101-09010	Pieces: 10	Push button with illuminable label holder, NO or NC (22.5 x 45 mm)



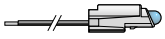
Switch, 10 A/250 Vac

The LED lighting element needs to be ordered separately.

COMPLETE UNIT

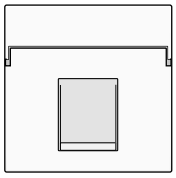
	101-01610	Pieces: 10	Two-way switch (22.5 x 45 mm)
	101-07610	Pieces: 10	Illuminable two-way switch with small transparent window (22.5 x 45 mm)
	101-09610	Pieces: 10	Two-way switch with illuminable label holder (22.5 x 45 mm)
	101-02610	Pieces: 10	Two-pole two-way switch (45 x 45 mm)
	101-01210	Pieces: 10	Two-pole switch (45 x 45 mm)
	101-07210	Pieces: 10	Illuminable two-pole switch with small transparent window (45 x 45 mm)
	101-09210	Pieces: 10	Two-pole switch with illuminable label holder (45 x 45 mm)

LED lighting element



LED LIGHTING ELEMENTS

	170-37012	Pieces: 10	With wires, white, 12 Vac/Vdc
	170-37024	Pieces: 10	With wires, white, 24 Vac/Vdc
	170-37923	Pieces: 10	With wires, white, 230 Vac
	170-37223	Pieces: 10	With wires, blue, 230 Vac
	170-37423	Pieces: 10	With wires, amber, 230 Vac
	170-37623	Pieces: 10	With wires, red, 230 Vac
	170-37823	Pieces: 10	With wires, green, 230 Vac
	170-37212	Pieces: 10	With wires, blue, 12 Vac/Vdc
	170-37224	Pieces: 10	With wires, blue, 24 Vac/Vdc
	170-37424	Pieces: 10	With wires, amber, 24 Vac/Vdc



Data module for Niko RJ connectors

single data module (flat) = 1 single finishing set + 1 adapter
double data module (flat) = 1 double finishing set + 2 adapters
double data module (oblique) = 1 double finishing set + 1 adapter

MODULE FOR ONE NIKO RJ CONNECTOR, INCLUDING ADAPTER

	101-65250	Pieces: 10	white, with transparent text field, 22.5 x 45 mm
	196-65250	Pieces: 10	blue, with transparent text field, 22.5 x 45 mm
	197-65250	Pieces: 10	green, with transparent text field, 22.5 x 45 mm

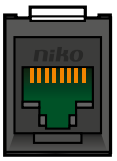
STANDARD 45 X 45 MM MODULE, FLAT

	170-65901	Pieces: 10	Single adapter 9.1 (for 650-450XX)
	101-65100	Pieces: 10	Single finishing set with nontransparent text field
	101-65500	Pieces: 10	Single finishing set with transparent text field
	101-65200	Pieces: 10	Double finishing set with nontransparent text field
	101-65600	Pieces: 10	Double finishing set with transparent text field

STANDARD 45 X 45 MM MODULE, OBLIQUE

	170-65904	Pieces: 10	Double adapter 9.4 (for 650-450XX)
	101-65400	Pieces: 10	Double finishing set with transparent text field

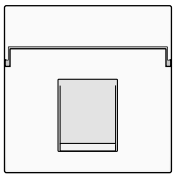
Niko RJ connector



ACCESSORIES

		650-45051	Pieces: 10	RJ45 connector, UTP, cat. 5E
		650-45055	Pieces: 10	RJ45 connector, STP, cat. 5E
		650-45061	Pieces: 10	RJ45 connector, UTP, cat. 6
		650-45066	Pieces: 10	RJ45 connector, STP, cat. 6
		650-45013	Pieces: 10	RJ11 connector, UTP
	NEW	**650-45071**	Pieces: 10	RJ45 connector, UTP, cat. 6A
	NEW	**650-45077**	Pieces: 10	RJ45 connector, STP, cat. 6A

Single data module for other RJ connectors



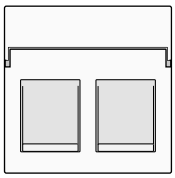
data module = 1 finishing set + 1 adapter

Refer also to the table “Data communication connections for other RJ connectors” in the chapter “Media network”.

STANDARD 45 X 45 MM MODULE, FLAT

	170-65101	Pieces: 10	Single adapter 1 (for AMP, Siemon, Nexans, Brandrex, etc.)
	170-65201	Pieces: 10	Single adapter 2 (for Systimax, etc.)
	170-65401	Pieces: 10	Single adapter 4.1 (for 02-399-XX)
	170-65501	Pieces: 10	Single adapter 5 (for Krone, Kerpen, Radiall, Panduit, etc.)
	170-65601	Pieces: 10	Single adapter 6 (for Panduit, etc.)
	170-65701	Pieces: 10	Single adapter 7 (for CAE, Abitana, Prysmian, Molex, etc.)
	101-65100	Pieces: 10	Single finishing set with nontransparent text field
	101-65500	Pieces: 10	Single finishing set with transparent text field

Double data module for other RJ connectors



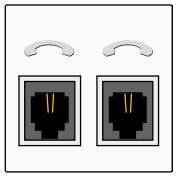
data module = 1 finishing set + 2 single adapters or 1 double adapter

Refer also to the table “Data communication connections for other RJ connectors” in the chapter “Media network”.

STANDARD 45 X 45 MM MODULE, FLAT

	170-65101	Pieces: 10	Single adapter 1 (for AMP, Siemon, Nexans, Brandrex, etc.)
	170-65201	Pieces: 10	Single adapter 2 (for Systimax, etc.)
	170-65302	Pieces: 10	Double adapter 3.2 (for ITT, etc.)
	170-65402	Pieces: 10	Double adapter 4.2 (for 02-399-XX)
	170-65501	Pieces: 10	Single adapter 5 (for Krone, Kerpen, Radiall, Panduit, etc.)
	170-65601	Pieces: 10	Single adapter 6 (for Panduit, etc.)
	170-65701	Pieces: 10	Single adapter 7 (for CAE, Abitana, Prysmian, Molex, etc.)
	101-65200	Pieces: 10	Double finishing set with nontransparent text field
	101-65600	Pieces: 10	Double finishing set with transparent text field

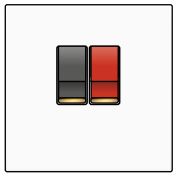
4.A
4.B
4.C
4.D
4.E
4.F



Telephone socket outlet, 45 x 45 mm

COMPLETE UNIT

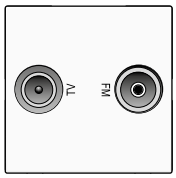
	101-69002	Pieces: 10	Five-pole telephone socket outlet (Belgium)
	101-69032	Pieces: 10	Telephone socket outlet with two RJ11 connectors in parallel



Audio connection, 45 x 45 mm

COMPLETE UNIT

	101-69716	Pieces: 10	Double cinch connection
	101-69717	Pieces: 10	Three-fold cinch connection
	101-69703	Pieces: 10	Double loudspeaker connection
	101-69803	Pieces: 10	Single loudspeaker connection



TV/FM socket outlet, 45 x 45 mm

COMPLETE UNIT

	101-69121	Pieces: 10	Single socket outlet with coaxial connection for TV
	101-69501	Pieces: 10	Single socket outlet with coaxial connection for TV and FM
	101-69601	Pieces: 10	Loop-through socket outlet with coaxial connection for TV and FM
	101-69552	Pieces: 10	Single socket outlet with coaxial connection for TV, FM and satellite

Chapter 5
Detectors

5.A 230 V outdoor

5.B 230 V motion

5.C 230 V presence

5.D DALI

5.E KNX

5.F Niko Home Control

5.G 24 V

230 V outdoor

In this chapter:

- outdoor detectors
- twilight switches
- daylight control modules

5.A
5.B
5.C
5.D
5.E
5.F
5.G

	Article number	Description
	351-03160	Outdoor motion detector, 200°, 230 V, 11 m
	351-03165	Outdoor motion detector, 200°, 230 V, 11 m, black
	351-03170	Outdoor motion detector, 200°, 230 V, 11 m, alu
	351-03140	Outdoor motion detector 140°, 230 V, 11 m
	351-03145	Outdoor motion detector 140°, 230 V, 11 m, black
	351-26450	Outdoor motion detector Swiss Garde, 200°, 230 V, 14 m
	351-26470	Outdoor motion detector Swiss Garde, 200°, 230 V, 14 m, black
	351-26480	Outdoor motion detector Swiss Garde, 200°, 230 V, 14 m, alu
	350-20058	Outdoor motion detector, 180°, 230 V, 16 m
	350-20158	Outdoor motion detector, 180°, 230 V, 13 m, black
	350-20050	Outdoor motion detector, 180°, 230 V, 16 m, with orientable lens
	350-20150	Outdoor motion detector, 180°, 230 V, 13 m, with orientable lens, black
	351-26550	Swiss Garde outdoor motion detector, 120°, 230 V, 16 m
	351-26552	Swiss Garde outdoor motion detector, 120°, 230 V, 16 m, black
	351-26560	Swiss Garde outdoor motion detector, 240°, 230 V, 16 m
	351-26561	Swiss Garde outdoor motion detector 240°, 230 V, 16 m, alu
	351-26562	Swiss Garde outdoor motion detector, 240°, 230 V, 16 m, black
	351-26570	Swiss Garde outdoor motion detector, 300°, 230 V, 16 m
	351-26572	Swiss Garde outdoor motion detector, 300°, 230 V, 16 m, black
	350-10030	Twilight switch, 230 V, one channel, 10 A, 2-200 lux
	350-10033	Twilight switch, 230 V, one channel, 16 A, 3-300 lux
	350-10032	Twilight switch, 24 V, one channel, 4 A, 2-200 lux
	360-36194	Daylight control module with twilight switch, 3-300 lux
	360-35010	Daylight control module with combination of light, movement and time

Master/Secondary	Protection degree	Number of channels/ number of zones	Detection angle	Mounting height	Detection range Ceiling: at a height of 3 m Outdoor: at a height of 2.5 m Wall: at a height of 1.2 m	Commissioning method 1	Commissioning method 2	Commissioning method 3	Page
-	IP44	1 ch	200°	2-4 m	11 m	-	-	On the device	5.A-1
-	IP44	1 ch	200°	2-4 m	11 m	-	-	On the device	5.A-1
-	IP44	1 ch	200°	2-4 m	11 m	-	-	On the device	5.A-1
-	IP44	1 ch	140°	2-4 m	11 m	-	-	On the device	5.A-1
-	IP44	1 ch	140°	2-4 m	11 m	-	-	On the device	5.A-1
-	IP55	1 ch	200°	2-8 m	14 m	App	Remote control	On the device	5.A-2
-	IP55	1 ch	200°	2-8 m	14 m	App	Remote control	On the device	5.A-2
-	IP55	1 ch	200°	2-8 m	14 m	App	Remote control	On the device	5.A-2
-	IP54	1 ch	180°	2-3 m	16 m	-	-	On the device	5.A-2
-	IP54	1 ch	180°	2-3 m	13 m	-	-	On the device	5.A-3
-	IP54	1 ch	180°	2-3 m	16 m	-	-	On the device	5.A-3
-	IP54	1 ch	180°	2-3 m	13 m	-	-	On the device	5.A-4
-	IP54	1 ch	120°	2-5 m	16 m	App	Remote control	On the device	5.A-5
-	IP54	1 ch	120°	2-5 m	16 m	App	Remote control	On the device	5.A-5
-	IP54	1 ch	240°	2-5 m	16 m	App	Remote control	On the device	5.A-6
-	IP54	1 ch	240°	2-5 m	16 m	App	Remote control	On the device	5.A-6
-	IP54	1 ch	240°	2-5 m	16 m	App	Remote control	On the device	5.A-6
-	IP54	1 ch	300°	2-5 m	16 m	App	Remote control	On the device	5.A-7
-	IP54	1 ch	300°	2-5 m	16 m	App	Remote control	On the device	5.A-7
-	IP54	1 ch	-	-	-	-	-	On the device	5.A-7
-	IP54	1 ch	-	-	-	-	-	On the device	5.A-8
-	IP54	1 ch	-	-	-	-	-	On the device	5.A-8
-	IP54/IP20	1 ch	-	-	-	-	-	On the device	5.A-8
-	IP20	1 ch	-	-	-	-	-	On the device	5.A-9

Outdoor motion detector, 200°, 230 V, 11 m

This 1-channel outdoor motion detector is suitable for use in a driveway or garden. The detection range is 12 metres. The detection area can be divided using an adjustable cover mask. The motion sensor can be horizontally aimed. The device has a built-in light sensor and switches the lighting on automatically or manually with an NC push button (to be ordered separately). After the pre-set time delay, the light is switched off automatically.

- Dimensions (HxWxD): 70 x 100 x 100 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A)
  - Maximum load incandescent and halogen lamps (cosφ=1): 1000 W
  - Maximum load fluorescent lamps (cosφ ≥ 0,5): 500 VA
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 100 W
  - Maximum load LED lamps 230 V: 100 W
- Detection angle: 200°
- Light intensity range: 5 lux – 1000 lux
- Switch-off delay: pulse, 30 s – 15 min
- Protection degree: IP44
- Mounting height: 2 – 4 m
- Ambient temperature: -20 – +55 °C

351-03170: Available until the end of the second quarter of 2022 and afterwards until the end of stock.

COMPLETE UNIT

351-03160 Pieces: 1 Detector, white

351-03165 Pieces: 1 Detector, black

351-03170 Pieces: 1 Detector, alu

Outdoor motion detector 140° 230 V AC, 12 m

This outdoor motion detector is suitable for use in a driveway or garden. The detection range is 12 metres. The detection area can be divided using an adjustable cover mask. The motion sensor can be horizontally aimed. The device has a built-in light sensor and switches the lighting on automatically or manually with an NC push button (to be ordered separately). After the pre-set time delay, the light is switched off automatically.

- Dimensions (HxWxD): 70 x 100 x 100 mm
- Dimensions visible (HxWxD): 70 x 100 mm
- Input voltage: 230 Vac ± 10 %, 50 – 60 Hz
- Number of channels: 1 channel
  - Maximum load incandescent and halogen lamps (cosφ=1): 1000 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 100 W
  - Maximum load LED lamps 230 V: 100 W
  - Detection angle: 140 °
- Detection range (PIR): half circle, up to 11 m in diameter from a height of 3 m
- Response value luminosity: 5 lux – 1000 lux
- Switch-off delay: 30 s – 15 m
- Protection degree: IP44
- Mounting height: 2 – 4 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +55 °C

Available until the end of the second quarter of 2022 and afterwards until the end of stock.

COMPLETE UNIT

351-03140 Pieces: 1 Detector, white

351-03145 Pieces: 1 Detector, black

Outdoor motion detector Swiss Garde 200°, 230 V, 14 m

This outdoor motion detector with a detection range of 14 metres is suitable for use along driveways, under carports or in the garden. The motion detector can be mounted onto the ceiling or the wall and can be aimed upwards, downwards, left and right. The device has a built-in light sensor and switches the lighting automatically. After the pre-set time delay, the light is switched off automatically. The detector can be configured both manually and by remote control.

- Dimensions (HxWxD): 74 x 70 x 106 mm
- Dimensions visible (HxWxD): 74 x 70 x 106 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A)
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1150 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
- Detection angle: 200°
- Detection range (PIR): up to 14 m in diameter from a height of 3 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 min
- Protection degree: IP55
- Mounting height: 2 – 8 m
- Mounting method: surface-mounting
- Ambient temperature: -30 – +55 °C

COMPLETE UNIT

351-26450 Pieces: 1 Detector, white

351-26470 Pieces: 1 Detector, black

351-26480 Pieces: 1 Detector, alu

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

351-25320 Pieces: 1 IR remote control for installers

ACCESSORY – MINI REMOTE CONTROL FOR USERS

351-25310 Pieces: 1 IR remote control for users

Outdoor motion detector, 180°, 230 V, 16 m

The outdoor motion detector with one channel to be surface mounted on a wall or partition is suitable for use on driveways and in gardens. Equipped with an integrated light sensor. Automatic on/off (after switch-off delay) or manual on/off via an NC push button (to be ordered separately). The detection area can be divided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 125 x 72 x 63 mm
- Dimensions visible (HxWxD): 125 x 72 x 63 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), light-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 180°
- Detection range (PIR): up to 16 m in diameter from a height of 3 m
- Light intensity range: 5 – ∞ lux
- Switch-off delay: 8 s – 30 min
- Protection degree: IP54
- Mounting height: 2 – 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT

350-20058 Pieces: 1 Detector

Outdoor motion detector, 180°, 230 V, 13 m, black

The outdoor motion detector with one channel to be surface mounted on a wall or partition is suitable for use on driveways and in gardens. Equipped with an integrated light sensor. Automatic on/off (after switch-off delay) or manual on/off via an NC push button (to be ordered separately). The detection area can be divided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 125 x 72 x 63 mm
- Dimensions visible (HxWxD): 125 x 72 x 63 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), light-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 180°
- Detection range (PIR): up to 13 m in diameter from a height of 3 m
- Light intensity range: 5 – ∞ lux
- Switch-off delay: 8 s – 30 min
- Protection degree: IP54
- Mounting height: 2 – 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT

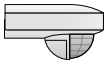
350-20158 Pieces: 1 Detector

Outdoor motion detector, 180°, 230 V, 16 m, with orientable lens

One-channel outdoor motion detector for use along driveways, in gardens, ... Provided with an integrated light sensor. Automatically on or manually on via a NC push button (230 V) (to be ordered separately). Automatically off after switch-off delay. Provided with a rotatable motion sensor. The detection area can be subdivided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 70 x 90 x 130 mm
- Dimensions visible (HxWxD): 70 x 90 x 130 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
- Maximum capacitive load: 140 μF
- Maximum switching current: 80 A/20 ms
- Detection angle: 180°
- Detection range (PIR): up to 16 m in diameter from a height of 3 m
- Light intensity range: 5 – ∞ lux
- Switch-off delay: 8 s – 30 min
- Protection degree: IP54
- Mounting height: 2 – 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT



350-20050 Pieces: 1 Detector

ACCESSORY

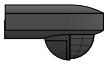
390-20050 Pieces: 1 Ceiling mounting bracket

Outdoor motion detector, 180°, 230 V, 13 m, with orientable lens, black

One-channel outdoor motion detector for use along driveways, in gardens, ... Provided with an integrated light sensor. Automatically on or manually on via a NC push button (230 V) (to be ordered separately). Automatically off after switch-off delay. Provided with a rotatable motion sensor. The detection area can be subdivided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 70 x 90 x 130 mm
- Dimensions visible (HxWxD): 70 x 90 x 130 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 180°
- Detection range (PIR): up to 13 m in diameter from a height of 3 m
- Light intensity range: 5 – ∞ lux
- Switch-off delay: 8 s – 30 min
- Protection degree: IP54
- Mounting height: 2 – 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT



350-20150 Pieces: 1 Detector

ACCESSORY

390-20150 Pieces: 10 Ceiling mounting bracket, black

Swiss Garde outdoor motion detector, 120°, 230 V, 16 m

This outdoor motion detector, which is not activated by pets, is perfectly suitable for every detection around the house. The detection range is 16 meters. The motion sensor can be precisely aimed, both horizontally (left, right) and vertically (high, low). The device has a built-in light sensor and switches the lighting on automatically or manually with a N.O. push button (to be ordered separately). After the pre-set time delay, the light is switched off automatically. This detector can be configured both manually and by remote control.

- Dimensions (HxWxD): 112 x 105 x 148 mm
- Dimensions visible (HxWxD): 112 x 105 x 148 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO 8.7 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 2000 W
  - Maximum load low voltage halogen lamps: 1000 W
  - Maximum load economy lamps (CFLi): 300 W
  - Maximum load LED lamps 230 V: 300 W
- Detection angle: 120°
- Detection range (PIR): up to 16 m in diameter from a height of 3 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 m
- Protection degree: IP54
- Mounting height: 2 – 5 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 °C

Available until the end of the second quarter of 2022 and afterwards until the end of stock.

COMPLETE UNIT

351-26550 Pieces: 1 Detector, white

351-26552 Pieces: 1 Detector, black

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

351-25320 Pieces: 1 IR remote control for installers

ACCESSORY – MOUNTING BRACKET FOR CORNERS

351-10170 Pieces: 1 Mounting bracket for corners, white

351-10171 Pieces: 1 Mounting bracket for corners alu

351-10172 Pieces: 1 Mounting bracket for corners, black

Swiss Garde outdoor motion detector, 240°, 230 V, 16 m

This outdoor motion detector, which is not activated by pets, is perfectly suitable for every light switch around the house. The detection range is 16 meters. The motion sensor can be precisely aimed, both horizontally (left, right) and vertically (high, low). The device has a built-in light sensor and switches the lighting on automatically or manually with a N.O. push button (to be ordered separately). After the pre-set time delay, the light is switched off automatically. This detector can be configured both manually and by remote control.

- Dimensions (HxWxD): 112 x 105 x 148 mm
- Dimensions visible (HxWxD): 112 x 105 x 148 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO 8.7 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 2000 W
  - Maximum load fluorescent lamps (cosφ ≥ 0.5): 1000 VA
  - Maximum load low voltage halogen lamps: 1000 W
  - Maximum load economy lamps (CFLi): 300 W
  - Maximum load LED lamps 230 V: 300 W
- Detection angle: 240°
- Detection range (PIR): up to 16 m in diameter from a height of 3 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 m
- Protection degree: IP54
- Mounting height: 2 – 5 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 °C

351-26561: Available until the end of the second quarter of 2022 and afterwards until the end of stock.

COMPLETE UNIT

	351-26560	Pieces: 1	Detector, whte
	351-26561	Pieces: 1	Detector, alu
	351-26562	Pieces: 1	Detector, black

ACCESSORY – UNIVERSAL REMOTE CONTROL

	350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

	351-25320	Pieces: 1	IR remote control for installers

ACCESSORY – MOUNTING BRACKET FOR CORNERS

	351-10170	Pieces: 1	Mounting bracket for corners, white
	351-10171	Pieces: 1	Mounting bracket for corners alu
	351-10172	Pieces: 1	Mounting bracket for corners, black

Swiss Garde outdoor motion detector, 300°, 230 V, 16 m

This outdoor motion detector, which is not activated by pets, is perfectly suitable for every light switch around the house. The detection range is 16 meters. The motion sensor can be precisely aimed, both horizontally (left, right) and vertically (high, low). The device has a built-in light sensor and switches the lighting on automatically or manually with a N.O. push button (to be ordered separately). After the pre-set time delay, the light is switched off automatically. This detector can be configured both manually and by remote control.

- Dimensions (HxWxD): 112 x 105 x 148 mm
- Dimensions visible (HxWxD): 112 x 105 x 148 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO 8,7 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 2000 W
  - Maximum load fluorescent lamps (cosφ ≥ 0,5): 1000 VA
  - Maximum load low voltage halogen lamps: 1000 W
  - Maximum load economy lamps (CFLi): 300 W
  - Maximum load LED lamps 230 V: 300 W
- Detection angle: 300°
- Detection range (PIR): up to 16 m in diameter from a height of 3 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 m
- Protection degree: IP54
- Mounting height: 2 – 5 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 °C

COMPLETE UNIT

351-26570 Pieces: 1 Detector, white

351-26572 Pieces: 1 Detector, black

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

351-25320 Pieces: 1 IR remote control for installers

ACCESSORY – MOUNTING BRACKET FOR CORNERS

351-10170 Pieces: 1 Mounting bracket for corners, white

351-10171 Pieces: 1 Mounting bracket for corners alu

351-10172 Pieces: 1 Mounting bracket for corners, black

Twilight switch, 230 V, one channel, 10 A, 2 - 200 lux

Twilight switch for outdoor wall mounting (IP54). Suitable for switching outdoor lighting. Large sensor surface for accurate light measuring. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 103 x 73 x 47 mm
- Dimensions visible (HxWxD): 103 x 73 x 47 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A)
  - Maximum load incandescent and halogen lamps (cosφ=1): 3000 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum load low-pressure sodium/mercury lamps: 1500 W
- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Light intensity range: 2 lux – 200 lux
- Protection degree: IP54
- Mounting method: surface-mounting
- Ambient temperature: -50 – +50 °C

COMPLETE UNIT

350-10030 Pieces: 1 Twilight switch

Twilight switch, 230 V, one channel, 16 A, 3 - 300 lux

The twilight switch for outdoor wall mounting is suitable for controlling outdoor lighting (gardens, car parks, outdoor areas and footpaths). In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 95 x 68 x 38 mm
- Dimensions visible (HxWxD): 95 x 68 x 38 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO, μ16 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Light intensity range: 3 lux – 300 lux
- Protection degree: IP54
- Mounting method: surface-mounting
- Ambient temperature: -50 – +50 °C

COMPLETE UNIT

350-10033 Pieces: 1 Twilight switch

Twilight switch, 24 V, one channel (4 A)

Twilight switch for outdoor wall mounting (IP54), suitable for switching outdoor lighting. Light sensitivity adjustable from 2 to 200 lux. Large sensor surface for accurate light measuring. In conformity with the European directive for EMC and safety EN60669-2-1.

- Input voltage: 24 Vac/Vdc ± 10 %
- Number of channels: 1 channel
- Relay contact 1: NO (max. μ4 A), potential-free
- Light intensity range: 2 lux – 200 lux
- Protection degree: IP54
- Mounting method: surface-mounting
- Ambient temperature: -50 – +50 °C

COMPLETE UNIT

350-10032 Pieces: 5 Twilight switch

Daylight control module with twilight switch, 230 V, 3 - 300 lux

Daylight control module with twilight switch is durable and functional. It is a complete set containing the daylight control module and twilight switch. The daylight control module is suitable for car parks, outdoor areas, footpaths… The lighting is switched on automatically once the light level is below the preset level (standard setting: 35 lux). In the morning the lighting switches off automatically once the set lux level is exceeded by 10 %. The lux level is easy to set using the potentiometer on the daylight control module. There is a double cable connecting the daylight control module and the twilight switch.

- Input voltage: 230 V ± 10 %, 50 Hz
- Relay contact 1: NO. (max. μ16 A)
  - Maximum load incandescent and halogen lamps (cosφ=1): 3000 W
  - Maximum load economy lamps (CFLi): 1000 W
- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Light intensity range: 3 lux – 300 lux
- Ambient temperature: -5 – 50 °C

COMPLETE UNIT

360-36194 Pieces: 1 Daylight control module

Daylight control module with combination of light, movement and time

Energy-saving thanks to an optimum use of lighting. Modular lighting control to be used in combination with a photo cell and motion detector(s). Automatically switching on depending on the measured daylight level and motion detection. Automatically switching off in case of sufficient daylight or after a switch-off delay. Optional control via an NO push button (to be ordered separately). Suitable for indoor and outdoor applications.

- power supply voltage: 230 Vac ± 10%, 50 Hz
- dimensions (2 DIN rail modules) (HxWxD): 90 x 35 x 55 mm
- relay contact: NO (max. μ10 A)
  - incandescent lamps: 2300 W
  - 230 V halogen lamps: 23300 W
  - all low-voltage halogen lamps: 1200 VA
  - fluorescent lamps (non-compensated): 1200 VA
  - maximum capacitive load: 140 μF
  - maximum switching current: 165 A/20 ms or 800 A/200 μs
- secondary voltage: 24 Vdc ± 10%, max. 40 mA, no short circuit protection
- Light intensity range: 3 - 300 lux, 30 - 3 klux, 300 - 30 klux
- hysteresis on luminosity: + 10%
- switch-off delay: 0 - 60 min
- protection degree: IP20
- ambient temperature: 5 - +50 °C

COMPLETE UNIT

360-35010 Pieces: 1 Lighting control module

Universal remote control for smartphone

Niko has developed a universal remote control for all Niko detectors which can be adjusted remotely. It consists of 2 components:
- The free Niko detector tool app, to be downloaded on your smartphone or tablet (both iOS and Android).
- The universal remote control, to be connected to the audio input of your smartphone.

Advantages:
- You only need one remote control for all installed detectors.
- The app explains step by step how to program and control each detector.
- You can immediately test the detector while walking through the room.
- The difficult configurations (such as daylight control) can be saved, to prevent the loss of data.

For most new detectors you can choose between manual set-up or via remote control. The detector always makes use of the most recent settings. The app provides easy access to all product information.
Important points:
- Ensure that the sound volume of your smartphone is sufficiently loud.
- Operates with android version 4.4 and IOS v8 or higher.

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

230 V motion

In this chapter:

- wall motion detectors
- ceiling motion detectors
- motion detectors for corridors
- motion detectors high frequency

5.A
5.B
5.C
5.D
5.E
5.F
5.G

	Article number	Description
	xxx-7801x	Wall motion detector, 180°, 230 V, 9 m
	351-25340	Swiss Garde motion detector, 360°, 230 V, 14 m, for flush-mounting box
	351-25065	Swiss Garde motion detector, 360°, 230 V, 26 m, for flush-mounting box
	351-25050	Swiss Garde motion detector, 360°, 230 V, 26 m, for surface mounting, IP55
	350-500111	Motion detector for corridors, 360°, 230 V, 40 m, for flush-mounting box
	351-27360	Motion detector high frequency, 360°, 230 V, 10 m, for flush-mounting box

	Master/Secondary	Protection degree	Number of channels/ Number of zones	Detection angle	Mounting height	Detection range Ceiling: at a height of 3 m Outdoor: at a height of 2.5 m Wall: at a height of 1.2 m	Commissioning method 1	Commissioning method 2	Commissioning method 3	Page
	-	IP40	1 ch	180°	0.8-1.2 m	9 m	-	-	On the device	5.B-1
	-	IP20	1 ch	360°	2-6 m	14 m	App	Remote control	On the device	5.B-1
	-	IP20	1 ch	360°	2-8 m	26 m	App	Remote control	On the device	5.B-2
	-	IP55	1 ch	360°	2-8 m	26 m	App	Remote control	On the device	5.B-3
	-	IP20	1 ch	360°	2-2,5 m	40 m	-	Remote control	On the device	5.B-3
	-	IP20	1 ch	360°	2-4 m	10 m	-	-	On the device	5.B-4

Wall motion detector, 180°, 230 V, 9 m

This motion detector is used for LED, economy lamps, 230 V halogen lamps, low voltage halogen lamps and fluorescent lamps. For indoor use only.

- switch-off delay: ± 1 - 30 min
- Light intensity range: ± 10 - 1000 lux
- mounting height: 0.8 – 1.2 m
- relay contact : NO. (max μ10 A)
  - incandescent lamps: 2300 W
  - 230 V halogen lamps: 2300 W
  - low-voltage halogen lamps: 500 VA
  - (non-compensated) fluorescent lamps: 500 VA
  - LED lamps 230 V and economy lamps (CFLi): 350 W
- detection angle: horizontal 180°, vertical 60°
- detection range: 8 - 9 m
- connection terminals: 2 x 1.5 mm² or 1 x 2.5 mm²
- connection possibility for an external push button or switch
- may be used as master or as secondary detector in case of several detection points per lighting circuit

COMPLETE UNIT FOR CLAW FIXING

100-78010	Pieces: 6	**101-78010**	Pieces: 6	**102-78010**	Pieces: 6
104-78010	Pieces: 6	**121-78010**	Pieces: 6	**122-78010**	Pieces: 6
123-78010	Pieces: 6	**124-78010**	Pieces: 6	**154-78010**	Pieces: 6
157-78010	Pieces: 6	**161-78010**	Pieces: 6	**200-78010**	Pieces: 6
220-78010	Pieces: 6	**221-78010**	Pieces: 6		

COMPLETE UNIT FOR SCREW FIXING

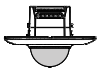
100-78011	Pieces: 6	**101-78011**	Pieces: 6	**102-78011**	Pieces: 6
104-78011	Pieces: 6	**121-78011**	Pieces: 6	**122-78011**	Pieces: 6
123-78011	Pieces: 6	**124-78011**	Pieces: 6	**154-78011**	Pieces: 6
157-78011	Pieces: 6	**161-78011**	Pieces: 6	**200-78011**	Pieces: 6
221-78011	Pieces: 6				

Swiss Garde motion detector, 360°, 230 V, 14 m, for flush-mounting box

The motion detector with one channel for flush mounting in ceilings is suitable for switching indoor lighting on and off. You can always activate the light with a NO push button (230 Vac) (to be ordered separately). The detector is equipped with an integrated light sensor.

- Dimensions (HxWxD): 105 x 105 x 71 mm
- Dimensions visible (HxWxD): 105 x 105 x 35 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A)
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1150 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
- Detection angle: 360°
- Detection range (PIR): up to 14 m in diameter from a height of 3 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 min
- Protection degree: IP20
- Mounting height: 2 – 6 m
- Mounting method: flush-mounting or surface-mounting
- Ambient temperature: -20 – +40 °C

COMPLETE UNIT



351-25340 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

351-25320 Pieces: 1 IR remote control for installers

ACCESSORY – MINI REMOTE CONTROL FOR USERS

351-25310 Pieces: 1 IR remote control for users

ACCESSORY – SURFACE-MOUNTING BOX

351-25420 Pieces: 1 Round surface-mounting box

Motion detector Swiss Garde 360°, 230 V, 26 m, for flush-mounting box

The motion detector with one channel for flush-mounting in ceilings is suitable for switching indoor lighting on and off. You can always activate the light with a NO push button (230 Vac) (to be ordered separately). The detector is equipped with an integrated light sensor.

- Dimensions (HxWxD): 105 x 105 x 86 mm
- Dimensions visible (HxWxD): 105 x 105 x 50 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load fluorescent lamps (cosφ ≥ 0.5): 1150 VA
  - Maximum load low voltage halogen lamps: 1150 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
- Detection angle: 360°
- Detection range (PIR): max. 26 m from 8 m height
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 min
- Protection degree: IP20
- Mounting height: 2 – 8 m
- Mounting method: flush-mounting or surface-mounting
- Ambient temperature: -20 – +40 °C

COMPLETE UNIT

351-25065 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

351-25320 Pieces: 1 IR remote control for installers

ACCESSORY – MINI REMOTE CONTROL FOR USERS

351-25310 Pieces: 1 IR remote control for users

ACCESSORY – SURFACE-MOUNTING BOX

351-25420 Pieces: 1 Round surface-mounting box

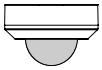
5.A
5.B
5.C
5.D
5.E
5.F
5.G

Swiss Garde motion detector, 360°, 230 V, 26 m, for surface mounting, IP55

The motion detector with one channel for surface mounting on ceilings is suitable for switching indoor lighting on and off. The detector is equipped with an integrated light sensor.

- Dimensions (HxWxD): 125 x 125 x 75 mm
- Dimensions visible (HxWxD): 125 x 125 x 75 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A)
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1150 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
- Detection angle: 360°
- Detection range (PIR): up to 26 m in diameter from a height of 8 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 min
- Protection degree: IP55
- Mounting height: 2 – 8 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +55 °C

COMPLETE UNIT



351-25050 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

351-25320 Pieces: 1 IR remote control for installers

ACCESSORY – MINI REMOTE CONTROL FOR USERS

351-25310 Pieces: 1 IR remote control for users

Motion detector for corridors 360°, 230 V, 40 m, for flush-mounting box

The one channel corridor motion detector is suitable for automatic indoor lighting control (on/off). It can be installed in a flush-mounting box in the ceiling. Flush-mounting box with springs and an IP54 surface-mounting box can be ordered separately. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 105 x 105 x 60 mm
- Dimensions visible (HxWxD): 105 x 105 x 38 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Maximum power consumption: 0.5 W
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 800 VA
  - Maximum load LED lamps 230 V: 300 W
  - Maximum load LED driver: 800 VA
- Maximum capacitive load: 140 μF
- Detection angle: 360°
- Light intensity range: 10 lux – 2000 lux, ∞
- Switch-off delay: pulse, 30 s – 30 min
- Protection degree: IP20
- Mounting height: 2 – 2.5 m
- Mounting method: flush-mounting box
- Ambient temperature: -20 – +40 °C

COMPLETE UNIT

350-500111 Pieces: 1 Detector

ACCESSORY – FLUSH-MOUNING BOX WITH SPRING CLIPS

350-991999 Pieces: 1 Flush-mounting box with spring clips

ACCESSORY – IP54 SURFACE-MOUNTING BOX

350-992901 Pieces: 1 Surface-mounting box for 35 m detector for corridors

ACCESSORY – IR REMOTE CONTROL

351-25320 Pieces: 1 IR remote control for installers

Motion detector high frequency, 360°, 230 V, 10 m, for flush-mounting

The HF motion detector with one channel for flush-mounting is suitable for switching indoor lighting on and off. You can always activate the light with a NO push button (230 Vac) (to be ordered separately). The detector is equipped with an integrated light sensor.

- Dimensions (HxWxD): 35 x 52 x 90 mm
- Dimensions visible (HxWxD): 35 x 52 x 90 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: 4.35 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 1000 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 100 W
  - Maximum load LED lamps 230 V: 100 W
- Detection angle: 360°
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: 10 s – 5 min
- Protection degree: IP20
- Mounting height: 2 – 4 m
- Mounting method: flush-mounting
- Ambient temperature: -20 – +70 °C

COMPLETE UNIT

351-27360 Pieces: 1 Detector

Universal remote control for smartphone

Niko has developed a universal remote control for all Niko detectors which can be adjusted remotely. It consists of 2 components:

- The free Niko detector tool app, to be downloaded on your smartphone or tablet (both iOS and Android).
- The universal remote control, to be connected to the audio input of your smartphone.

Advantages:

- You only need one remote control for all installed detectors.
- The app explains step by step how to program and control each detector.
- You can immediately test the detector while walking through the room.
- The difficult configurations (such as daylight control) can be saved, to prevent the loss of data.

For most new detectors you can choose between manual set-up or via remote control. The detector always makes use of the most recent settings. The app provides easy access to all product information.

Important points:

- Ensure that the sound volume of your smartphone is sufficiently loud.
- Operates with android version 4.4 and IOS v8 or higher.

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

230 V presence

In this chapter:

- (mini) presence detectors
- presence detectors dual tech, master, secondary or stand-alone
- presence or absence detectors, master, secondary or stand-alone

	Article number	Description
	350-20085	Mini presence detector, 360°, 230 V, 9 m, for flush mounting, IP65
	350-20065	Presence detector dual tech, 360°, 230 V, 19 m, master, for flush-mounting box
	350-20066	Presence detector dual tech, 360°, 230 V, 19 m, secondary, for flush-mounting box
	351-25475	Presence detector dual tech, 360°, 230 V, 40 m, for surface mounting, IP54
	350-41600	Flat presence or absence detector, 360°, master, 1 channel, 12 m, for flush mounting
	350-41601	Flat presence or absence detector, 360°, secondary, 1 channel, 12 m, for flush mounting
	350-41620	Flat presence or absence detector, 360°, master, with 2 potential-free contacts, 12 m, for flush mounting
	350-20056	Presence or absence detector, 360°, one channel (10 A), for flush mounting
	351-25457	Presence or absence detector, 360°, master or stand-alone, 230V, 1 channel, 14 m, for flush mounting
	351-25459	Presence or absence detector, 360°, secondary, 230V, 14 m, for flush mounting
	350-20070	Presence or absence detector, 360°, 230 V, 24 m, master, one channel, for flush mounting
	350-20071	Presence or absence detector, 360°, 230 V, 24 m, secondary, for flush mounting
	350-20078	Presence or absence detector, 360°, 230 V, 24 m, master, one channel, for surface mounting
	350-20079	Presence or absence detector, 360°, 230 V, 24 m, secondary, for surface mounting
	350-20082	Presence or absence detector, 360°, 230V, 24 m, master, two channels, for surface mounting
	350-20072	Presence or absence detector, 360°, 230V, 24 m, master, two channels, for flush mounting
	351-25467	Presence or absence detector, 360°, 230V, 26 m, master or stand-alone, 1 channel, for flush mounting
	351-25469	Presence or absence detector, 360°, 230V, 26 m, secondary, for flush mounting
	350-20080	Presence or absence detector, 360°, 230 V, 32 m, master, one channel, for surface mounting on high ceilings
	350-20081	Presence or absence detector, 360°, 230 V, 32 m, secondary, for surface mounting on high ceilings
	351-25451	Presence or absence detector 360°, master or stand-alone, 230V AC, 1 channel potential-free, 16 m, flush-mounting, square
	351-25463	Presence or absence detector 360°, master or stand-alone, 230V AC, 1 channel potential-free, 16 m, flush-mounting, round
	350-20054	Presence detector, 360°, 230 V, 20 m, for surface mounting

Master/Secondary	Protection degree	Number of channels/ number of zones	Detection angle	Mounting height	Detection range Ceiling: at a height of 3 m Outdoor: at a height of 2.5 m Wall: at a height of 1.2 m	Commissioning method 1	Commissioning method 2	Commissioning method 3	Page
-	IP65	1 ch	360°	2-3 m	9 m	App	Remote control	-	5.C-1
Master	IP20	1 ch	360°	2-3 m	19 m	-	Remote control	On the device	5.C-1
Secondary	IP20	-	360°	2-3 m	19 m	-	Remote control	On the device	5.C-2
Master	IP54	1 ch	360°	2-4 m	40 m	App	Remote control	On the device	5.C-2
Master	IP20	1 ch	360°	2.4-3 m	12 m	App	Remote control	-	5.C-3
Secondary	IP20	-	360°	2.4-3 m	12 m	App	-	-	5.C-3
-	IP20	2 ch	360°	2.4-3 m	12 m	App	Remote control	-	5.C-4
-	IP20	1 ch	360°	2.5-4 m	12 m	App	Remote control	-	5.C-5
Master	IP20	1 ch	360°	2-6 m	14 m	App	Remote control	On the device	5.C-6
Secondary	IP20	-	360°	2-6 m	14 m	-	-	On the device	5.C-6
Master	IP20	1 ch	360°	2-3.4 m	24 m	App	Remote control	On the device	5.C-7
Secondary	IP54	-	360°	2-3.4 m	24 m	-	-	On the device	5.C-7
Master	IP54	1 ch	360°	2-3.4 m	24 m	App	Remote control	On the device	5.C-8
Secondary	IP54	-	360°	2-3.4 m	24 m	-	-	On the device	5.C-8
Master	IP54	2 ch	360°	2-3.4 m	24 m	App	Remote control	On the device	5.C-9
Master	IP54	2 ch	360°	2-3.4 m	24 m	App	Remote control	On the device	5.C-9
Master	IP20	1 ch	360°	2-8 m	26 m	App	Remote control	On the device	5.C-10
Secondary	IP20	-	360°	2-8 m	26 m	-	Remote control	On the device	5.C-10
Master	IP54	1 ch	360°	4-8 m	32 m	App	Remote control	On the device	5.C-11
Secondary	IP54	-	360°	4-8 m	32 m	-	-	On the device	5.C-11
Master	IP20	1 ch	360°	2-6 m	16 m	-	Remote control	On the device	5.C-12
Master	IP20	1 ch	360°	2-6 m	16 m	-	Remote control	On the device	5.C-13
-	IP20	1 ch	360°	2.5-3.4 m	20 m	-	-	On the device	5.C-14

Mini presence detector, 360°, 230 V, 9 m, for flush mounting, IP65

The mini presence detector with one channel and daylight control for flush mounting in ceilings is suitable for switching indoor lighting on and off. The mini detector is equipped with an integrated light sensor. Automatic on/off (presence detector). Thanks to its compact dimensions and design, the mini detector is discreetly present in the room. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 36 x 36 x 49.3 mm
- Dimensions visible (HxWxD): 36 x 36 x 13.3 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Drill diameter: 30 mm
- Relay contact 1: NO. (max. μ10 A), light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360°
- Detection range (PIR): 9.5 m from a height of 3 m
- Light intensity range: 20 lux – 1000 lux
- Switch-off delay: pulse, 2 min – 1 h
- Protection degree: IP65
- Mounting height: 2 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-20085 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-20090 Pieces: 5 IR remote control for installers

Presence detector dual tech, 360°, 230 V, 19 m, master, for flush-mounting box

Intelligent presence detector for ceiling mounting in offices. Suitable for switching indoor lighting. Rapid detection of even the slightest movements, thanks to passive infrared (PIR) and ultrasonic (US) technology. Presence detection behind office partitions by means of US detection. Equipped with an integrated light sensor. For surface- or flush mounting.

- Dimensions (HxWxD): 120 x 120 x 60 mm
- Dimensions visible (HxWxD): 120 x 120 x 34 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO, μ10 A, potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360°
- Detection range (PIR): 9.5 m from a height of 3 m
- Detection range (US): 12 x 19 m
- Light intensity range: 10 lux – 2000 lux
- Switch-off delay: 1 m – 30 min
- Protection degree: IP20
- Mounting height: 2 – 3 m
- Mounting method: flush-mounting box
- Ambient temperature: 0 – +45 °C

COMPLETE UNIT

350-20065 Pieces: 1 Detector

ACCESSORY – IR REMOTE CONTROL

350-20067 Pieces: 1 IR remote control unit

ACCESSORY – FLUSH-MOUNTING BOX FOR 350-20065 AND 351-20066

390-20057 Pieces: 1 Flush-mounting box with spring terminals

Presence detector dual tech, 360°, 230 V, 19 m, secondary, for flush-mounting box

Intelligent presence detector for ceiling mounting in offices. Suitable for switching indoor lighting. Fast detection, up to the slightest movements, by passive infrared technology (PIR) and ultrasonic technology (US). Presence detection behind office walls by means of US detection. Only operates in combination with master 350-20065. The detection area can be divided by means of an adjustable cover mask.

- Dimensions (HxWxD): 120 x 120 x 60 mm
- Dimensions visible (HxWxD): 120 x 120 x 34 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Detection angle: 360°
- Detection range (PIR): 9.5 m from a height of 3 m
- Detection range (US): 12 x 19 m
- Protection degree: IP20
- Mounting height: 2 – 3 m
- Mounting method: flush-mounting box
- Ambient temperature: 0 – +45 °C

COMPLETE UNIT

350-20066 Pieces: 1 Detector

ACCESSORY – FLUSH-MOUNTING BOX FOR 350-20065 AND 351-20066

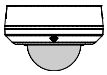
390-20057 Pieces: 1 Flush-mounting box with spring terminals

Presence detector dual tech, 360°, 230 V, 40 m, for surface mounting, IP54

Stand-alone intelligent presence detector for ceiling mounting, ideal for offices. Suitable for switching indoor lighting. Rapid detection of even the slightest movements, thanks to passive infrared (PIR) and High Frequency (HF) technology. Presence detection behind office partitions by means of HF detection. The detector offers 5 possible combinations of the 2 technologies. Equipped with an integrated light sensor.

- Dimensions (HxWxD): 83 x 130 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO 8.7 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 2000 W
  - Maximum load low voltage halogen lamps: 1000 W
  - Maximum load economy lamps (CFLi): 300 W
  - Maximum load LED lamps 230 V: 300 W
- Detection angle: 360°
- Detection range (PIR): up to 40 m in diameter from a height of 3 m
- Detection range (HF): up to 12 m in diameter from a height of 4 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 min
- Protection degree: IP54
- Mounting height: 2 – 4 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT



351-25475 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

351-25320 Pieces: 1 IR remote control for installers

Flat presence or absence detector, 360°, master, 1 channel, 12 m, for flush mounting

1 channel detector for flush mounting in ceilings. Stand-alone or as master combinable with a maximum of 20 secondary detectors (350-41601). It can be easily installed and mounted thanks to spring clips. The detector has a very flat design of only 5 mm, so that it can be mounted almost flush with the ceiling. For use in small rooms, offices, storage spaces ... The detector can be used as a presence detector (automatic on/off) or absence detector (manual on/automatic off).

- Dimensions (HxWxD): 95 x 95 x 95 mm
- Dimensions visible (HxWxD): 95 x 95 x 5 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Drill diameter: 77 mm
- Relay contact 1: NO. (max. μ10 A)
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 12 m in diameter from a height of 3 m
- Light intensity range: 50 lux – 1000 lux
- Switch-off delay: 5 m – 1 h
- Protection degree: IP20
- Mounting height: 2,4 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: 5 – +40 °C

COMPLETE UNIT

350-41600 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

Flat presence or absence detector, 360°, secondary, 1 channel, 12 m, for flush mounting

This secondary detector operates in conjunction with references 350-41600, 350-41620.
Simple installation and easy mounting thanks to spring clips. The detector has a very flat design of only 5 mm, so that it can be mounted almost flush with the ceiling. The secondary detector follows the settings of the master.

- Dimensions (HxWxD): 95 x 95 x 95 mm
- Dimensions visible (HxWxD): 95 x 95 x 5 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Drill diameter: 77 mm
- Detection angle: 360 °
- Detection range (PIR): up to 12 m in diameter from a height of 3 m
- Protection degree: IP20
- Mounting height: 2.4 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: 5 – +40 °C

COMPLETE UNIT

350-41601 Pieces: 1 Detector

Flat presence or absence detector, 360°, master, with 2 potential-free contacts, 12 m, for flush mounting

Stand-alone or as master combinable with a maximum of 20 secondary detectors (350-41601). The detector has a very flat design of only 5 mm, so that it can be mounted almost flush with the ceiling. It can be easily installed and mounted thanks to spring terminals. Particularly suitable for the switching of installations with 3 phases where the light circuits need to be distributed to several circuit breakers for safety reasons. For use in offices, schools, conference rooms. The two contacts are always controlled simultaneously.

- Dimensions (HxWxD): 95 x 95 x 95 mm
- Dimensions visible (HxWxD): 95 x 95 x 5 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 2 channels
- Drill diameter: 77 mm
- Relay contact 1: NO (max. μ10 A), potential-free
- Relay contact 2: NO (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 12 m in diameter from a height of 3 m
- Light intensity range: 50 lux – 1000 lux
- Switch-off delay: 5 m – 30 m
- Protection degree: IP20
- Mounting height: 2,4 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: 5 – +40 °C

COMPLETE UNIT

350-41620 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

Presence or absence detector, 360°, one channel (10 A), for flush mounting

The presence or absence detector with one channel and daylight control for flush mounting in ceilings is suitable for switching indoor lighting on and off. Equipped with an integrated light sensor. Automatic on/off (after switch-off delay) or manual on/off via an NO push button (230 Vac) (to be ordered separately). In conformity with the European directive for EMC and safety EN60669-2-1.

- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load fluorescent lamps (cosφ ≥ 0,5): 1200 VA
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): circle, 3.5 – 12 m
- Light intensity range: 30 lux – 2000 lux
- Switch-off delay: 5 s – 30 m
- Protection degree: IP20
- Mounting height: 2.5 – 4 m
- Mounting method: flush-mounting or surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-20056 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-20057 Pieces: 1 IR remote control for installers

ACCESSORY – SURFACE-MOUNTING BOX

390-20056 Pieces: 1 Mounting box

ACCESSORY – FLUSH-MOUNTING BOX FOR 350-20065 AND 351-20066

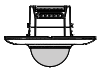
390-20057 Pieces: 1 Flush-mounting box with spring terminals

Presence or absence detector, 360°, master or stand-alone, 230 V, 1 channel, 14 m, for flush mounting

The presence or absence detector with one channel for flush mounting in ceilings is suitable for switching the indoor lighting on and off. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector) via a NO push button (230 Vac) (to be ordered separately).

- Dimensions (HxWxD): 105 x 105 x 71 mm
- Dimensions visible (HxWxD): 105 x 105 x 35 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Drill diameter: 48 mm
- Relay contact 1: NO 8.7 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 2000 W
  - Maximum load low voltage halogen lamps: 1000 W
  - Maximum load economy lamps (CFLi): 300 W
  - Maximum load LED lamps 230 V: 300 W
- Detection angle: 360 °
- Detection range (PIR): up to 14 m in diameter from a height of 3 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: 10 s – 20 m
- Protection degree: IP20
- Mounting height: 2 – 6 m
- Mounting method: flush-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT



351-25457 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

351-25320 Pieces: 1 IR remote control for installers

ACCESSORY – MINI REMOTE CONTROL FOR USERS

351-25310 Pieces: 1 IR remote control for users

ACCESSORY – SURFACE-MOUNTING BOX

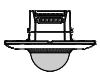
351-25420 Pieces: 1 Round surface-mounting box

Presence or absence detector, 360°, secondary, 230 V, 14 m, for flush mounting

The presence or absence detector for flush mounting in ceilings is suitable for switching the indoor lighting on and off. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. Use exclusively in combination with a Master (351-25451/56/57/63/66/67).

- Dimensions (HxWxD): 105 x 105 x 71 mm
- Dimensions visible (HxWxD): 105 x 105 x 35 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Drill diameter: 48 mm
- Detection angle: 360 °
- Detection range (PIR): up to 14 m in diameter from a height of 3 m
- Protection degree: IP20
- Mounting height: 2 – 6 m
- Mounting method: flush-mounting or surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT



351-25459 Pieces: 1 Detector

ACCESSORY – SURFACE-MOUNTING BOX

351-25420 Pieces: 1 Round surface-mounting box

Presence or absence detector, 360°, 230 V, 24 m, master, one channel, for flush mounting

The presence or absence detector with one channel and daylight control for flush mounting in ceilings is suitable for switching indoor lighting on and off. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 100 x 100 x 73.4 mm
- Dimensions visible (HxWxD): 100 x 100 x 46.4 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): circle, up to 24 m in diameter from a height of 3 m
- Light intensity range: 20 lux – 1000 lux, ∞
- Switch-off delay: 2 m – 1 h
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-20070 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-20089 Pieces: 1 IR remote control for installers

ACCESSORY – FLUSH-MOUNTING BOX FOR 350-20065 AND 351-20066

390-20057 Pieces: 1 Flush-mounting box with spring terminals

Presence or absence detector, 360°, 230 V, 24 m, secondary, for flush mounting

The presence or absence detector for flush mounting in ceilings is suitable for switching indoor lighting on and off. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. Use only in combination with the master (350-20070 or the masters 350-20078 or 350-20072). In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 100 x 100 x 73,4 mm
- Dimensions visible (HxWxD): 100 x 100 x 46,4 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-20071 Pieces: 1 Detector

ACCESSORY – FLUSH-MOUNTING BOX FOR 350-20065 AND 351-20066

390-20057 Pieces: 1 Flush-mounting box with spring terminals

Presence or absence detector, 360°, 230 V, 24 m, master, one channel, for surface mounting

The presence or absence detector with one channel and daylight control for ceiling mounting is suitable for switching indoor lighting on and off. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO (max. μ10 A), potential-free, light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m
- Light intensity range: 20 lux – 1000 lux, ∞
- Switch-off delay: 2 m – 1 h
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-20078 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-20089 Pieces: 1 IR remote control for installers

Presence or absence detector, 360°, 230 V, 24 m, secondary, for surface mounting

The presence or absence detector for ceiling mounting is suitable for switching indoor lighting on and off. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. Use only in combination with the master (350-20078, 350-20070 or 350-20080). In conformity with the European directive for EMC and safety EN60669-2-1.

- Input voltage: 230 V ± 10 %, 50 Hz
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-20079 Pieces: 1 Detector

Presence or absence detector, 360°, 230 V, 24 m, master, two channels, for surface mounting

The presence or absence detector with two channels and daylight control for surface mounting in ceilings is suitable for switching indoor lighting or ventilation on and off. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 2 channels
- Relay contact 1: NO (max. μ10 A), potential-free, light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m
- Light intensity range: 20 lux – 1000 lux
- Switch-off delay: 2 m – 1 h, ∞
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-20082 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-20089 Pieces: 1 IR remote control for installers

Presence or absence detector, 360°, 230 V, 24 m, master, two channels, for flush mounting

The presence or absence detector with two channels and daylight control for flush mounting in ceilings is suitable for switching indoor lighting or ventilation on and off. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 2 channels
- Relay contact 1: NO (max. μ10 A), potential-free, light- and motion-sensitive
- Relay contact 2: NO (max. μ10 A), potential-free, light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m
- Light intensity range: 20 lux – 1000 lux, ∞
- Switch-off delay: 2 m – 1 h
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-20072 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-20089 Pieces: 1 IR remote control for installers

Presence or absence detector, 360°, 230 V, 26 m, master or stand-alone, 1 channel, for flush mounting

The presence or absence detector with one channel for flush mounting in ceilings is suitable for switching the indoor lighting on and off. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector) via a NO push button (230 Vac) (to be ordered separately).

- Dimensions (HxWxD): 105 x 105 x 86 mm
- Dimensions visible (HxWxD): 105 x 105 x 50 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Drill diameter: 48 mm
- Relay contact 1: NO 8,7 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 2000 W
  - Maximum load low voltage halogen lamps: 1000 W
  - Maximum load economy lamps (CFLi): 300 W
  - Maximum load LED lamps 230 V: 300 W
- Detection angle: 360 °
- Detection range (PIR): max. 26 m from 3 m height
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: 10 s – 20 m
- Protection degree: IP20
- Mounting height: 2 – 8 m
- Mounting method: flush-mounting or surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT

351-25467 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

351-25320 Pieces: 1 IR remote control for installers

ACCESSORY – MINI REMOTE CONTROL FOR USERS

351-25310 Pieces: 1 IR remote control for users

ACCESSORY – SURFACE-MOUNTING BOX

351-25420 Pieces: 1 Round surface-mounting box

Presence or absence detector, 360°, 230 V, 26 m, secondary, for flush mounting

The presence or absence detector for flush mounting in ceilings is suitable for switching the indoor lighting on and off. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. Use exclusively in combination with a Master (351-25451/56/57/63/66/67).

- Dimensions (HxWxD): 105 x 105 x 86 mm
- Dimensions visible (HxWxD): 105 x 105 x 50 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Drill diameter: 48 mm
- Detection angle: 360 °
- Detection range (PIR): max. 26 m from 3 m height
- Protection degree: IP20
- Mounting height: 2 – 8 m
- Mounting method: flush-mounting
- Ambient temperature: -20 – +40 °C

COMPLETE UNIT

351-25469 Pieces: 1 Detector

ACCESSORY – SURFACE-MOUNTING BOX

351-25420 Pieces: 1 Round surface-mounting box

Presence or absence detector, 360°, 230 V, 32 m, master, one channel, for surface mounting on high ceilings

The presence or absence detector with one channel and daylight control for surface mounting on high ceilings is suitable for switching the indoor lighting on and off. The detector can be used stand-alone or as a master. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO (max. μ10 A), potential-free, light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): circle, 16 – 32 m
- Light intensity range: 20 lux – 1000 lux, ∞
- Switch-off delay: 2 m – 1 h
- Protection degree: IP54
- Mounting height: 4 – 8 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-20080 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-20089 Pieces: 1 IR remote control for installers

Presence or absence detector, 360°, 230 V, 32 m, secondary, for surface mounting on high ceilings

The presence or absence detector for surface mounting on high ceilings is suitable for switching indoor lighting on and off. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. Use only in combination with a master (350-20080, 350-20070 or 350-20078). In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Detection angle: 360 °
- Detection range (PIR): circle, 16 – 32 m
- Protection degree: IP54
- Mounting height: 4 – 8 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-20081 Pieces: 1 Detector

Presence or absence detector 360°, master or stand-alone, 230 V AC, 1 channel potential-free, 16 m, flush-mounting, square

The presence or absence detector with one channel for flush mounting in ceilings is suitable for switching various loads via a potential-free contact. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector) via a NO push button (230 Vac) (to be ordered separately).

- Dimensions (HxWxD): 88 x 88 x 71 mm
- Dimensions visible (HxWxD): 88 x 88 x 35 mm
- Input voltage: 230 Vac ± 10 %, 50 – 60 Hz
- Number of channels: 1 channel
- Drill diameter: 48 mm
- Relay contact 1: 4.35 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 1000 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 100 W
  - Maximum load LED lamps 230 V: 100 W
- Detection angle: 360 °
- Detection range (PIR): up to 14 m in diameter from a height of 3 m
- Response value luminosity: 5 lux – 2000 lux
- Switch-off delay: 10 s – 20 m
- Protection degree: IP20
- Mounting height: 2 – 6 m
- Mounting method: flush-mounting
- Ambient temperature: -20 – +40 °C

COMPLETE UNIT

351-25451 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

351-25320 Pieces: 1 IR remote control for installers

ACCESSORY – MINI REMOTE CONTROL FOR USERS

351-25310 Pieces: 1 IR remote control for users

ACCESSORY – SURFACE-MOUNTING BOX

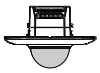
351-25400 Pieces: 1 Square surface-mounting box

Presence or absence detector 360°, master or stand-alone, 230 V AC, 1 channel potential-free, 16 m, flush-mounting, round

The presence or absence detector with one channel for flush-mounting in ceilings is suitable for switching various loads via the potential-free contact. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector) via a NO push button (230 Vac) (to be ordered separately).

- Dimensions (HxWxD): 105 x 105 x 71 mm
- Dimensions visible (HxWxD): 105 x 105 x 35 mm
- Input voltage: 230 Vac ± 10 %, 50 – 60 Hz
- Number of channels: 1 channel
- Drill diameter: 48 mm
- Relay contact 1: 4.35 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 1000 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 100 W
  - Maximum load LED lamps 230 V: 100 W
- Detection angle: 360 °
- Detection range (PIR): up to 14 m in diameter from a height of 3 m
- Response value luminosity: 5 lux – 2000 lux
- Switch-off delay: 10 s – 20 m
- Protection degree: IP20
- Mounting height: 2 – 6 m
- Mounting method: flush-mounting
- Ambient temperature: -20 – +40 °C

COMPLETE UNIT



351-25463 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

351-25320 Pieces: 1 IR remote control for installers

ACCESSORY – MINI REMOTE CONTROL FOR USERS

351-25310 Pieces: 1 IR remote control for users

ACCESSORY – SURFACE-MOUNTING BOX

351-25420 Pieces: 1 Round surface-mounting box

Universal remote control for smartphone

Niko has developed a universal remote control for all Niko detectors which can be adjusted remotely. It consists of 2 components:

- The free Niko detector tool app, to be downloaded on your smartphone or tablet (both iOS and Android).
- The universal remote control, to be connected to the audio input of your smartphone.

Advantages:

- You only need one remote control for all installed detectors.
- The app explains step by step how to program and control each detector.
- You can immediately test the detector while walking through the room.
- The difficult configurations (such as daylight control) can be saved, to prevent the loss of data.

For most new detectors you can choose between manual set-up or via remote control. The detector always makes use of the most recent settings. The app provides easy access to all product information.

Important points:

- Ensure that the sound volume of your smartphone is sufficiently loud.
- Operates with android version 4.4 and IOS v8 or higher.

ACCESSORY – UNIVERSAL REMOTE CONTROL

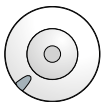
350-41936 Pieces: 1 Universal remote control for smartphone

Presence detector, 360°, 230 V, 20 m, for surface mounting

One-channel presence detector with daylight control for ceiling mounting, suitable for switching indoor lighting. Provided with an integrated light sensor. Automatically on/off (after switch-off delay) or manually on/off via NO push button (230 Vac) (to be ordered separately). The detection area can be subdivided by means of an adaptable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 127 x 127 x 59 mm
- Dimensions visible (HxWxD): 127 x 127 x 59 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): circle, up to 20 m in diameter from a height of 3 m
- Light intensity range: 10 lux – 1000 lux
- Switch-off delay: 1 m – 30 m
- Protection degree: IP20
- Mounting height: 2.5 – 3.4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT



350-20054 Pieces: 1 Detector

5.A
5.B
5.C
5.D
5.E
5.F
5.G

DALI

In this chapter:

- DALI presence or absence detectors
- DALI multi-zone detectors
- DALI rotary dimmer
- DALI power supply, link module, relay module, push-button interface

	Article number	Description
	350-41650	Flat presence or absence detector with 3 zone DALI daylight control and extra functionalities, 360°, 12 m, master or stand-alone, 360°, for flush mounting
	350-41657	Flat presence or absence detector with 3 zone DALI daylight control, 360°, 12 m, master, for flush mounting
	350-41659	Flat presence or absence detector with 3 zone DALI daylight control, 12 m, secondary, for flush mounting
	350-41680	Flat presence or absence detector with 3 zone DALI daylight control and extra functionalities, 360°, 12 m, master or stand-alone, for flush mounting, with EnOcean
	350-41750	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for flush mounting
	350-41752	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, secondary, for flush mounting
	350-41751	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for surface mounting
	350-41753	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, secondary, for surface mounting
	350-41760	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, master or stand-alone, for flush mounting in high ceilings
	350-41762	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, secondary, for flush mounting in high ceilings
	350-41761	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, master or stand-alone, for surface mounting on high ceilings
	350-41763	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, secondary, for surface mounting on high ceilings
	350-41780	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for flush mounting, with EnOcean
	350-41781	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for surface mounting, with EnOcean
	350-70985	Compact power supply for DALI bus systems
	350-70021	DALI link module
	350-70020	DALI push-button interface
	350-70980	DALI relay module
	310-0210x	DALI rotary dimmer

Master/Secondary	Protection degree	Number of channels/ number of zones	Detection angle	Mounting height	Detection range Ceiling: at a height of 3 m Outdoor: at a height of 2.5 m Wall: at a height of 1.2 m	Commissioning method 1	Commissioning method 2	Commissioning method 3	Page
Master	IP20	3 zones	360°	2.4-3 m	12 m	App	Remote control	-	5.D-1
Master	IP20	3 zones	360°	2.4-3 m	12 m	App	Remote control	-	5.D-2
Secondary	IP20	-	360°	2.4-3 m	12 m	-	-	-	5.D-2
Master	IP20	3 zones	360°	2.4-3 m	12 m	App	Remote control	-	5.D-3
Master	IP54	3 zones	360°	2-3.4 m	24 m	App	Remote control	-	5.D-4
Secondary	IP54	-	360°	2-3.4 m	24 m	App	Remote control	-	5.D-4
Master	IP54	3 zones	360°	2-3.4 m	24 m	App	Remote control	-	5.D-5
Secondary	IP54	-	360°	2-3,4 m	24 m	App	Remote control	-	5.D-5
Master	IP54	3 zones	360°	4-8 m	32 m	App	Remote control	-	5.D-6
Secondary	IP54	-	360°	4-8 m	32 m	App	Remote control	-	5.D-6
Master	IP54	3 zones	360°	4-8 m	32 m	App	Remote control	-	5.D-7
Secondary	IP54	-	360°	4-8 m	32 m	App	Remote control	-	5.D-7
Master	IP54	3 zones	360°	2-3.4 m	24 m	App	Remote control	-	5.D-8
Master	IP54	3 zones	360°	2-3.4 m	24 m	App	Remote control	-	5.D-9
-	IP20	-	-	-	-	-	-	-	5.D-9
-	IP20	-	-	-	-	-	-	On the device	5.D-10
-	IP20	-	-	-	-	-	-	On the device	5.D-10
-	IP20	-	-	-	-	-	-	-	5.D-10
Secondary	IP20	-	-	-	-	-	-	On the device	5.D-11

Flat presence or absence detector with 3 zone DALI daylight control and extra functionalities, 360°, 12 m, master or stand-alone, 360°, for flush mounting

Presence detector, DALI daylight control for flush mounting in ceilings of 2.4 - 3 m. Stand-alone or as master combinable with a maximum of 10 secondary detectors (350-41659). For use in offices, schools, conference rooms… in large and small spaces. The detector has a maximum of 3 daylight controlled zones, and an extra contact which can be used. It has a very flat design of only 5 mm, so that it can be mounted almost flush with the ceiling. Depending on the chosen application the lighting must always be switched on manually using a push button, and is automatically switched off if there is sufficient daylight or no one is in the room (absence detector). Or the lighting is switched on automatically when movement is registered and there is insufficient daylight. In this case, the lighting is also automatically switched off if there is sufficient daylight or no one is in the room (presence detector). The lighting remains on as long as the detector detects movement and the measured level of daylight is lower than the set value. The switch-off delay, the lux value at which the lighting must switch on and the sensitivity of the detector are easily set with the IR remote control for smartphone (optional)

- Dimensions (HxWxD): 95 x 95 mm
- Dimensions visible (HxWxD): 95 x 95 x 5 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Drill diameter: 77 mm
- Relay contact 1: NO, (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 12 m in diameter from a height of 3 m
- Response value luminosity: 2 lux – 1000 lux
- Switch-off delay: 1 m – 2 h 46 m 39 s
- Protection degree: IP20
- Mounting height: 2.4 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: 5 – +40 °C

COMPLETE UNIT

350-41650 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

ACCESSORY – IR REMOTE CONTROL

350-41935 Pieces: 1 IR remote control for users

Flat presence or absence detector with 3 zone DALI daylight control, 360°, 12 m, master, for flush mounting

Flat presence or absence detector, DALI daylight control for flush-mounting in ceilings of 2.4 - 3 m. Stand-alone or as master combinable with a maximum of 10 secondary detectors (350-41659). For use in offices, schools, conference rooms… in large and small spaces. The detector has a maximum of 3 daylight controlled zones and has a very flat design of only 5 mm, so that it can be mounted almost flush with the ceiling. The switch-off delay, the lux value at which the lighting must switch on and the sensitivity of the detector can easily set with the IR remote control (optional) or with the universal remote control for smartphone (optional).

- Dimensions (HxWxD): 95 x 95 x 95 mm
- Dimensions visible (HxWxD): 95 x 95 x 5 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Drill diameter: 77 mm
- Detection angle: 360 °
- Detection range (PIR): up to 12 m in diameter from a height of 3 m
- Response value luminosity: 10 lux – 1000 lux
- Switch-off delay: 5 m – 1 h
- Protection degree: IP20
- Mounting height: 2.4 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: 5 – +40 °C

COMPLETE UNIT

350-41657 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

ACCESSORY – IR REMOTE CONTROL

350-41935 Pieces: 1 IR remote control for users

Flat presence or absence detector with 3 zone DALI daylight control, 12 m, secondary, for flush mounting

This presence detector (DALI daylight control, secondary detector) is suitable for flush mounting in ceilings and can only be used in combination with the master (350-41657, 350-41650 and 350-41680) to increase its detection range. The detector has a very flat design of only 5 mm, so that it can be mounted almost flush with the ceiling. The device follows the settings of the master. The sensitivity of the secondary detector, though, can be set separately. A maximum of ten secondary detectors can be connected per master.

- Dimensions (HxWxD): 95 x 95 x 95 mm
- Dimensions visible (HxWxD): 95 x 95 x 5 mm
- Drill diameter: 77 mm
- Detection angle: 360 °
- Detection range (PIR): up to 12 m in diameter from a height of 3 m
- Protection degree: IP20
- Mounting height: 2.4 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: 5 – +40 °C

COMPLETE UNIT

350-41659 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

Flat presence or absence detector with 3 zone DALI daylight control and extra functionalities, 360°, 12 m, master or stand-alone, for flush mounting, with EnOcean

The 360° DALI presence detector is suitable for the control of DALI devices in a maximum of 3 daylight zones. Depending on the incoming daylight, the light intensity of each zone will be adjusted separately. The detector can also control, switch on and off or dim one or two secondary zones (depending on the selected settings). The detector is designed for indoor applications and has an integrated light sensor. It is suitable for use in offices, schools and public buildings and can be used in both large and small rooms. The device also has an integrated relay for controlling either lighting or ventilation (to be ordered separately). The detector is equipped with an integrated EnOcean receiver, enabling wireless control with EnOcean transmitters.

- Dimensions (HxWxD): 95 x 95 mm
- Dimensions visible (HxWxD): 95 x 95 x 5 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Drill diameter: 77 mm
- Relay contact 1: NO (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 12 m in diameter from a height of 3 m
- Response value luminosity: 2 lux – 1000 lux
- Switch-off delay: 5 s – 2 h 46 m 39 s
- Protection degree: IP20
- Mounting height: 2.4 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: 5 – +40 °C

COMPLETE UNIT

350-41680 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

ACCESSORY – IR REMOTE CONTROL

350-41935 Pieces: 1 IR remote control for users

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for flush mounting

Presence detector ensuring that a constant level of light is maintained in the room while someone is present. The sensor regulates a maximum of 4 zones, of which 2 to 3 daylight-controlled and 1 or 2 secondary zones. With a push button you can manually dim the light or switch it on/off (to be ordered separately). The detector also has an extra relay contact. The detector is directly connected to the DALI bus. The detector assigns every luminaire its own address (DALI addressable). This ensures that each luminaire can be allocated to any zone and zones can be updated without altering the cabling. The detector is shipped with a flush-mounting box with spring clips.

- Dimensions (HxWxD): 100 x 100 x 74.7 mm
- Dimensions visible (HxWxD): 100 x 100 x 46.4 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Drill diameter: 88.5 mm
- Relay contact 1: NO. (max. μ10 A)
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m
- Response value luminosity: 100 lux – 2000 lux
- Switch-off delay: 5 m – ∞
- Protection degree: IP54
- Mounting height: 2 – 3.5 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-41750 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

ACCESSORY – IR REMOTE CONTROL

350-41935 Pieces: 1 IR remote control for users

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, secondary, for flush mounting

Presence detector ensuring that a constant level of light is created in the room while someone is present. The detector is directly connected to the DALI bus. Use exclusively in combination with a DALI addressable master with extra functionalities (e.g. 350-41750). The detector is shipped with a flush-mounting box with spring clips.

- Dimensions (HxWxD): 100 x 100 x 74.7 mm
- Dimensions visible (HxWxD): 100 x 100 x 46.4 mm
- Drill diameter: 88.5 mm
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-41752 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

5.A
5.B
5.C
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5.E
5.F
5.G

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for surface mounting

Presence detector ensuring that a constant level of light is created in the room while someone is present. The sensor regulates a maximum of 4 zones, of which 2 to 3 daylight-controlled and 1 or 2 secondary zones. With a push button you can manually dim the light or switch it on/off (to be ordered separately). The detector also has an extra relay contact. The detector is directly connected to the DALI bus. The detector assigns every luminaire its own address (DALI addressable). This ensures that each luminaire can be allocated to any zone and zones can be updated without altering the cabling.

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Relay contact 1: NO (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): circle, 16 – 24 m
- Response value luminosity: 100 lux – 2000 lux
- Switch-off delay: 5 m – ∞
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-41751 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

ACCESSORY – IR REMOTE CONTROL

350-41935 Pieces: 1 IR remote control for users

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, secondary, for surface mounting

Presence detector ensuring that a constant level of light is created in the room while someone is present. The detector is directly connected to the DALI bus. Use exclusively in combination with a DALI addressable master with extra functionalities (e.g. 350-41751).

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-41753 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, master or stand-alone, for flush mounting in high ceilings

Presence detector ensuring that a constant level of light is created in the room while someone is present. The sensor regulates a maximum of 4 zones, of which 2 to 3 daylight-controlled and 1 or 2 secondary zones. With a push button you can manually dim the light or switch it on/off (to be ordered separately). The detector also has an extra relay contact. The detector is directly connected to the DALI bus. The detector assigns every luminaire its own address (DALI addressable). This ensures that each luminaire can be allocated to any zone and zones can be updated without altering the cabling. The detector is shipped with a flush-mounting box with spring clips.

- Input voltage: 230 V ± 10 %, 50 Hz
- Drill diameter: 88.5 mm
- Relay contact 1: NO (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): circle, 16 – 32 m
- Response value luminosity: 100 lux – 2000 lux
- Switch-off delay: 5 m – ∞
- Protection degree: IP54
- Mounting height: 4 – 8 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-41760 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

ACCESSORY – IR REMOTE CONTROL

350-41935 Pieces: 1 IR remote control for users

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, secondary, for flush mounting in high ceilings

Presence detector ensuring that a constant level of light is created in the room while someone is present. The detector is directly connected to the DALI bus. Use exclusively in combination with a DALI addressable master with extra functionalities (e.g.350-41760). The detector is shipped with a flush-mounting box with spring clips.

- Drill diameter: 88.5 mm
- Detection angle: 360 °
- Detection range (PIR): circle, 16 – 32 m
- Protection degree: IP54
- Mounting height: 4 – 8 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-41762 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, master or stand-alone, for surface mounting on high ceilings

Presence detector ensuring that a constant level of light is created in the room while someone is present. The sensor regulates a maximum of 4 zones, of which 2 to 3 daylight-controlled and 1 or 2 secondary zones. With a push button you can manually dim the light or switch it on/off (to be ordered separately). The detector also has an extra relay contact. The detector is directly connected to the DALI bus. The detector assigns every luminaire its own address (DALI addressable). This ensures that each luminaire can be allocated to any zone and zones can be updated without altering the cabling.

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Relay contact 1: NO (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): circle, 16 – 32 m
- Response value luminosity: 100 lux – 2000 lux
- Switch-off delay: 5 m – ∞
- Protection degree: IP54
- Mounting height: 4 – 8 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-41761 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

ACCESSORY – IR REMOTE CONTROL

350-41935 Pieces: 1 IR remote control for users

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, secondary, for surface mounting on high ceilings

Presence detector ensuring that a constant level of light is created in the room while someone is present. The detector is directly connected to the DALI bus. Use exclusively in combination with a DALI addressable master with extra functionalities.

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Detection angle: 360 °
- Detection range (PIR): up to 32 m in diameter from a height of 8 m
- Protection degree: IP54
- Mounting height: 4 – 8 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-41763 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for flush mounting, with EnOcean

Presence detector ensuring that a constant level of light is created in the room while someone is present. The detector regulates a maximum of 4 zones, of which 2 to 3 daylight-controlled and 1 or 2 secondary zones. With a push button you can manually dim the light or switch it on/off (to be ordered separately). The detector also has an extra relay contact. The detector is directly connected to the DALI bus. The detector assigns every luminaire its own address (DALI addressable). This ensures that each luminaire can be allocated to any zone and zones can be updated without altering the cabling. The detector is shipped with a flush-mounting box with spring clips.

- Input voltage: 230 V ± 10 %, 50 Hz
- Relay contact 1: NO (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): circle, 16 – 24 m
- Response value luminosity: 100 lux – 2000 lux
- Switch-off delay: 5 m – ∞
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-41780 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

ACCESSORY – IR REMOTE CONTROL

350-41935 Pieces: 1 IR remote control for users

5.A
5.B
5.C
5.D
5.E
5.F
5.G

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for surface mounting, with EnOcean

Presence detector ensuring that a constant level of light is created in the room while someone is present. The sensor regulates a maximum of 4 zones, of which 2 to 3 daylight-controlled and 1 or 2 secondary zones. With a push button you can manually dim the light or switch it on/off (to be ordered separately). The detector also has an extra relay contact. The detector is directly connected to the DALI bus. The detector assigns every luminaire its own address (DALI addressable). This ensures that each luminaire can be allocated to any zone and zones can be updated without altering the cabling.

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Relay contact 1: NO (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m
- Response value luminosity: 100 lux – 2000 lux
- Switch-off delay: 5 m – ∞
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-41781 Pieces: 1 Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936 Pieces: 1 Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934 Pieces: 1 IR-remote control for users

ACCESSORY – IR REMOTE CONTROL

350-41935 Pieces: 1 IR remote control for users

Compact power supply for DALI bus systems

This compact power supply is used to supply power to the DALI bus and its connected control devices. The power supply can either be integrated in the luminaire itself, or placed on the suspended ceiling. The maximum load is 250 mA.

- power supply voltage: 85 to 265 V, frequency 50/60 Hz
- dimensions (HxWxL): 30 x 20 x 160 mm
- standby consumption: < 1 W
- output: DALI
- output voltage: 16 Vdc + - 5 %
- max. load DALI output: 250 mA/4 W
- ambient temperature: 0 – +50 °C
- protection degree: IP20
- air humidity: 20 - 95% RH, non condensing

COMPLETE UNIT

350-70985 Pieces: 1 Complete unit

DALI link module

With this DALI link module, you can connect several DALI buses together, making it possible to control zones which are separated by folding doors, adjoining zones, or installations with more than the maximum number of 64 DALI units per bus. The module's design makes it easy to integrate into the installation, and it does not require a 230 V supply.

The module can be used with the Niko DALI addressable masters with additional functionalities.

- dimensions (HxWxD): 21 x 30 x 159 mm
- power supply: via the DALI bus
- power consumption of input 1/2: 14/4 mA
- ambient temperature: +5 – +40 °C
- air humidity: 20 - 95% RH, non condensing

COMPLETE UNIT

350-70021 Pieces: 1 DALI link module

DALI push-button interface

Push-button interface for control of DALI buses. Push-button interface transforms the switch impulse of external push buttons (e.g. 4-fold push button) into a DALI command. You can easily mount the compact interface in the flush-mounting box behind a potential-free push button.

You can connect 4 push buttons to this interface. Depending on the setting, you can switch a selected light group on or off with every push button (with a brief press) or dim it (by holding down), or select a light scene (pressing briefly). Suitable for all DALI addressable Niko detectors (350-41650, 350-41680, 350-41750, 350-41751, 350-41760, 350-41761, 350-41780 and 350-41781).

- power supply voltage: via the DALI bus
- dimensions (HxWxD): 35 x 30 x 12 mm
- maximum power consumption: 6 mA
- ambient temperature: +5 – +40 °C

COMPLETE UNIT

350-70020 Pieces: 1 DALI push-button interface for control of DALI buses

DALI relay module

- Reference: 350-70980
- Marking: CE

COMPLETE UNIT

350-70980 Pieces: 1 Complete unit

DALI rotary dimmer

This DALI rotary control is used to control DALI controlled light luminaires. The dimmer can be set to control 15 DALI groups separately or set in broadcast mode, to control all DALI controlled devices simultaneously. This dimmer is not equipped with a built-in power supply for the DALI bus (you can use the external Niko power supply 350-70985 or DALI DIN rail bus power supply 67-710). The rotary dimmer can also be used in combination with the Niko DALI addressable detectors to manually dim the light. It is possible to manually change the dimming speed (the so-called fade rate) - without the use of a PC.

- for use in DALI systems
- power supply voltage: that of the DALI bus (not built-in)
- complies with the EN 60669-2-1
- groups: 15 (configurable) individually or all at once (broadcast)
- dimming speed: adjustable
- wire capacity: 2 x 2.5 mm²
- ambient temperature: +5 – +50 °C
- maximum power consumption: 6 mA

BASE

310-02100 Pieces: 6 With screw terminals and claw fixing

310-02101 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET

100-31003	Pieces: 10	**101-31003**	Pieces: 10	**102-31003**	Pieces: 10
104-31003	Pieces: 10	**121-31003**	Pieces: 10	**122-31003**	Pieces: 10
123-31003	Pieces: 10	**124-31003**	Pieces: 10	**154-31003**	Pieces: 10
157-31003	Pieces: 10	**161-31003**	Pieces: 10	**200-31003**	Pieces: 10
220-31003	Pieces: 10	**221-31003**	Pieces: 10		

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

KNX

In this chapter:

- KNX (mini) presence detector
- KNX motion detectors
- KNX motion detectors for corridors
- KNX outdoor motion detectors

NEW

Mini presence detector P34MR, KNX, 8-10 m, 360°, for flush mounting
ref. 350-34001

- Flat lens
- Includes plug in connector for easy installation
- Easy configuration (well-structured ETS file)
- 5 channels: 4 channels for lighting control, alarm and HVAC + light measurement
- Various applications: presence, lux, constant light switch, HVAC, alarm
- Flat design, available in white and black finish (exchangeable deco ring)
- IP54
- Small form factor (28 mm drill diameter, 40 mm depth in ceiling)

Presence detector P34MR, KNX, 9-10 m, 360°, for flush mounting and flush-mounting box
ref. 350-34002

- Flat lens
- Plug-in terminals for fast installation
- Easy configuration (well-structured ETS file)
- 5 channels: 4 channels for lighting control, alarm and HVAC + light measurement
- Various applications: presence, lux, constant light switch, HVAC, alarm
- Flat design, available in white and black finish (exchangeable deco ring)
- Up to IP54 in combination with surface mounting accessory
- For flush mounting or flush-mounting box
- Surface mounting via accessory

Motion detector M34LR, KNX, 39-41 m, 360°, for flush-mounting box
ref. 350-34003 (white) and 350-34013 (black)

- High performance
- Plug-in terminals for fast installation
- Easy configuration (well-structured ETS file)
- 5 channels: 4 channels for lighting control, alarm and HVAC + light measurement
- Various applications: presence, lux, constant light switch, HVAC, alarm
- Available in white and black finish
- Up to IP54 in combination with surface mounting accessory
- For flush-mounting box
- Flush or surface mounting via accessories

Motion detector M34HC, KNX, high ceiling, 15-29 m, 360°, for flush-mounting box
ref. 350-34004 (white) and ref. 350-34014 (black)

- Installation height up to 10m
- Plug-in terminals for fast installation
- Easy configuration (well-structured ETS file)
- 5 channels: 4 channels for lighting control, alarm and HVAC + light measurement
- Various applications: presence, lux, constant light switch, HVAC, alarm
- Available in white and black finish
- Up to IP54 in combination with surface mounting accessory
- For flush-mounting box
- Flush or surface mounting via accessories

		Article number	Description
	NEW	350-34001	Mini presence detector P34MR, KNX, 8-10 m, 360°, for flush mounting
	NEW	350-34002	Presence detector P34MR, KNX, 9-10 m, 360°, for flush mounting and flush-mounting box
	NEW	350-34003	Motion detector M34LR, KNX, 39-41 m, 360°, for flush-mounting box
	NEW	350-34004	Motion detector M34HC, KNX, 15-29 m, high ceiling, 360°, for flush-mounting box
	NEW	350-34013	Motion detector M34LR, KNX, 39-41 m, 360°, for flush-mounting box, black
	NEW	350-34014	Motion detector M34HC, KNX, high ceiling, 15-29 m, 360°, for flush-mounting box, black
		350-530311	Motion detector for corridors, 360°, KNX, 40 m, for flush-mounting box
		350-213001	Outdoor motion detector, KNX, 360°, 16 m, for surface mounting

	Master/Secondary	Protection degree	Number of channels Number of zones	Detection angle	Mounting height	Detection range Ceiling: at a height of 3 m Outdoor: at a height of 2.5 m Wall: at a height of 1.2 m	Commissioning method	Page
	-	IP54	5 ch	360°	2 - 4 m	10 m	Via the KNX-bus	5.E-1
	-	IP44	5 ch	360°	2 - 4 m	9 - 10 m	Via the KNX-bus	5.E-1
	-	IP40	5 ch	360°	2 - 3 m	39 - 41 m	Via the KNX-bus	5.E-2
	-	IP20	5 ch	360°	2 - 10 m	15 - 29 m	Via the KNX-bus	5.E-2
	-	IP20	5 ch	360°	2 - 3 m	39 - 41 m	Via the KNX-bus	5.E-3
	-	IP20	5 ch	360°	2 - 10 m	15 - 29 m	Via the KNX-bus	5.E-3
	-	IP20	2 ch	360°	2 - 2.5 m	40 m	Via the KNX-bus	5.E-4
	-	IP55	-	360°	2 - 3 m	16 m	Via the KNX-bus	5.E-4

NEW

Mini presence detector P34MR, KNX, 8-10 m, 360°, for flush mounting

This flat lens mini presence detector with 5 channels is suitable for KNX systems. It can be flush mounted in the ceiling or in thin ceiling profiles. A black deco ring can be ordered separately. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Input voltage: 30 Vdc via KNX-bus
- Maximum current consumption: 10 mA
- Number of channels: 5 channels
- Light intensity range: 10 lux – 2000 lux
- Switch-off delay: 1 s – 18 h 12 min 15 s
- Detection angle: 360 °
- Detection range (PIR): up to 10 m in diameter from a height of 3 m
- Ambient temperature: -20 – +50 °C
- Mounting method: flush-mounting
- Drill diameter: 28 mm
- Mounting height: 2 – 4 m
- Colour: white (RAL 9010)
- Dimensions (HxWxD): 45 x 45 x 50 mm
- Protection degree: IP54
- Impact resistance: IK02

Available in the fourth quarter of 2021. This product is still in development. The technical specifications could be subject to change.

COMPLETE UNIT

350-34001 Pieces: 1 Detector

ACCESSORY – DECO RING, BLACK

390-34011 Pieces: 10 Deco ring for P34MR mini detector, black

NEW

Presence detector P34MR, KNX, 9-10 m, 360°, for flush mounting and flush-mounting box

This flat lens presence detector with 5 channels is suitable for KNX systems. It can be flush mounted in the ceiling or installed in a flush-mounting box. A black deco ring and a surface-mounting box can be ordered separately. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Input voltage: 30 Vdc via KNX-bus
- Maximum current consumption: 10 mA
- Number of channels: 5 channels
- Light intensity range: 10 lux – 2000 lux
- Switch-off delay: 1 s – 18 h 12 min 15 s
- Detection angle: 360 °
- Detection range (PIR): up to 10 m in diameter from a height of 3 m
- Ambient temperature: -20 – +50 °C
- Mounting method: flush-mounting
- Drill diameter: 58 mm
- Mounting height: 2 – 4 m
- Colour: white (RAL 9010)
- Dimensions (HxWxD): 75 x 75 x 41 mm
- Protection degree: IP40 (Flush-mounting box) / IP44 (spring clips)
- Impact resistance: IK02

Available in the fourth quarter of 2021. This product is still in development. The technical specifications could be subject to change.

COMPLETE UNIT

350-34002 Pieces: 1 Detector

ACCESSORY – DECO RING, BLACK

390-34012 Pieces: 10 Deco ring for P34MR detector, black

ACCESSORY – SURFACE MOUNTING BOX

390-34102 Pieces: 1 Surface mounting box for P34MR

ACCESSORY – SURFACE MOUNTING BOX, BLACK

390-34112 Pieces: 1 Surface mounting box for P34MR, black

Motion detector M34LR, KNX, 39-41 m, 360°, for flush-mounting box

NEW

This motion detector with 5 channels is suitable for KNX systems. It can be installed in a flush-mounting box. Spring clips for flush-mounting and a surface-mounting box can be ordered separately. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Input voltage: 30 Vdc via KNX-bus
- Maximum current consumption: 10 mA
- Number of channels: 5 channels
- Light intensity range: 10 lux – 2000 lux
- Switch-off delay: 1 s – 18 h 12 min 15 s
- Detection angle: 360 °
- Detection range (PIR): up to 41 m in diameter from a height of 3 m
- Ambient temperature: -20 – +50 °C
- Mounting method: flush-mounting box
- Drill diameter: 56 mm
- Mounting height: 2 – 3 m
- Colour: white (RAL 9010)
- Dimensions (HxWxD): 111 x 111 x 70 mm
- Protection degree: IP40
- Impact resistance: IK02

Available in the fourth quarter of 2021. This product is still in development. The technical specifications could be subject to change.

COMPLETE UNIT

350-34003 Pieces: 36 Detector

ACCESSORY – SURFACE MOUNTING BOX

390-34103 Pieces: 1 Surface mounting box for M34LR

ACCESSORY – SPRING CLIPS

390-34203 Pieces: 1 Spring clips for M34LR/M34HC

Motion detector M34HC, KNX, 15-29 m, high ceiling, 360°, for flush-mounting box

NEW

This motion detector for high ceiling with 5 channels is suitable for KNX systems. It can be installed in a flush-mounting box. Spring clips for flush-mounting and a surface-mounting box can be ordered separately. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Input voltage: 30 Vdc via KNX-bus
- Maximum current consumption: 10 mA
- Number of channels: 5 channels
- Light intensity range: 10 lux – 2000 lux
- Switch-off delay: 1 s – 18 h 12 min 15 s
- Detection angle: 360 °
- Detection range (PIR): up to 29 m in diameter from a height of 10 m
- Ambient temperature: -20 – +50 °C
- Mounting method: flush-mounting box
- Drill diameter: 56 mm
- Mounting height: 2 – 10 m
- Colour: white (RAL 9010)
- Dimensions (HxWxD): 102 x 102 x 51 mm
- Protection degree: IP20
- Impact resistance: IK02

Available in the fourth quarter of 2021. This product is still in development. The technical specifications could be subject to change.

COMPLETE UNIT

350-34004 Pieces: 36 Detector

ACCESSORY – SURFACE MOUNTING BOX

390-34104 Pieces: 1 Surface mounting box for M34HC

Motion detector M34LR, KNX, 39-41 m, 360°, for flush-mounting box, black

NEW

This motion detector with 5 channels is suitable for KNX systems. It can be installed in a flush-mounting box. Spring clips for flush-mounting and a surface-mounting box can be ordered separately. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Input voltage: 30 Vdc via KNX-bus
- Maximum current consumption: 10 mA
- Number of channels: 5 channels
- Light intensity range: 10 lux – 2000 lux
- Switch-off delay: 1 s – 18 h 12 min 15 s
- Detection angle: 360 °
- Detection range (PIR): up to 41 m in diameter from a height of 3 m
- Ambient temperature: -20 – +50 °C
- Mounting method: flush-mounting box
- Drill diameter: 56 mm
- Mounting height: 2 – 3 m
- Colour: black (approximately RAL 9011)
- Dimensions (HxWxD): 111 x 111 x 70 mm
- Protection degree: IP40
- Impact resistance: IK02

Available in the fourth quarter of 2021. This product is still in development. The technical specifications could be subject to change.

COMPLETE UNIT

350-34013 Pieces: 1 Detector

ACCESSORY – SURFACE MOUNTING BOX, BLACK

390-34113 Pieces: 1 Surface mounting box for M34LR, black

ACCESSORY – SPRING CLIPS

390-34203 Pieces: 1 Spring clips for M34LR/M34HC

Motion detector M34HC, KNX, high ceiling, 15-29 m, 360°, for flush-mounting box, black

NEW

This motion detector for high ceiling with 5 channels is suitable for KNX systems. It can be installed in a flush-mounting box. Spring clips for flush-mounting and a surface-mounting box can be ordered separately. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Input voltage: 30 Vdc via KNX-bus
- Maximum current consumption: 10 mA
- Number of channels: 5 channels
- Light intensity range: 10 lux – 2000 lux
- Switch-off delay: 1 s – 18 h 12 min 15 s
- Detection angle: 360 °
- Detection range (PIR): up to 29 m in diameter from a height of 10 m
- Ambient temperature: -20 – +50 °C
- Mounting method: flush-mounting box
- Drill diameter: 56 mm
- Mounting height: 2 – 10 m
- Colour: black (approximately RAL 9011)
- Dimensions (HxWxD): 102 x 102 x 51 mm
- Detector settings: ETS software
- Protection degree: IP20
- Impact resistance: IK02

Available in the fourth quarter of 2021. This product is still in development. The technical specifications could be subject to change.

COMPLETE UNIT

350-34014 Pieces: 1 Detector

ACCESSORY – SURFACE MOUNTING BOX, BLACK

390-34114 Pieces: 1 Surface mounting box for M34HC, black

Motion detector for corridors, 360°, KNX, 40 m, for flush-mounting box

The corridor motion detector with two channels is suitable for KNX systems. It can be installed in a flush-mounting box in the ceiling. Spring clips and an IP54 surface-mounting box can be ordered separately. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Dimensions (HxWxD): 105 x 105 x 60 mm
- Dimensions visible (HxWxD): 105 x 105 x 38 mm
- Input voltage: 30 Vdc via KNX-bus
- Number of channels: 2 channel
- Detection angle: 360°
- Light intensity range: 10 lux – 2000 lux, ∞
- Switch-off delay: 30 s – 60 min
- Protection degree: IP20
- Mounting height: 2 – 2.5 m
- Mounting method: flush-mounting box
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT

350-530311 Pieces: 1 Detector

ACCESSORY – IR REMOTE CONTROL

350-939998 Pieces: 1 IR-remote control for 35 m corridor detector KNX

ACCESSORY – FLUSH-MOUNING BOX WITH SPRING CLIPS

350-991999 Pieces: 1 Flush-mounting box with spring clips

ACCESSORY – IP54 SURFACE-MOUNTING BOX

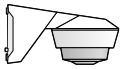
350-992901 Pieces: 1 Surface-mounting box for 35 m detector for corridors

Outdoor motion detector, KNX, 360°, 16 m, for surface mounting

The outdoor motion detector with two channels is suitable for KNX systems. It can be surface mounted on walls or ceilings and is easy to install thanks to the plug-in terminals. The detector can also be used for indoor applications. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Dimensions (HxWxD): 79 x 90 x 150 mm
- Dimensions visible (HxWxD): 79 x 90 x 150 mm
- Input voltage: 30 Vdc via KNX-bus
- Detection angle: 360°
- Light intensity range: 5 lux – 2000 lux ∞
- Switch-off delay: 5 s – 1 h
- Protection degree: IP55
- Mounting height: 2 – 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 °C

COMPLETE UNIT



350-213001 Pieces: 1 Detector

ACCESSORY – IR REMOTE CONTROL FOR 350-213001

350-999908 Pieces: 1 IR-remote control for outdoor motion detector KNX

ACCESSORY – CORNER-MOUNTING BRACKET FOR 350-213001

350-993991 Pieces: 1 Corner mounting bracket

Niko Home Control

In this chapter:

- mini presence detector
- wall motion detector
- outdoor motion detector

	Article number	Description
	550-20220	Mini presence detector, 360°, Niko Home Control, 9 m
	550-20210	Wall motion detector, 180°, Niko Home Control, 9 m, for claw fixing
	550-20211	Wall motion detector, 180°, Niko Home Control, 9 m, for screw fixing (centre distance: 71 mm)
	550-20212	Wall motion detector, 180°, Niko Home Control, 9 m, for screw fixing
	550-20200	Outdoor motion detector, 180°, Niko Home Control, 16 m, with orientable lens
	550-20201	Outdoor motion detector, 180°, Niko Home Control, 13 m, with orientable lens, black

Master/Secondary	Protection degree	Number of channels Number of zones	Detection angle	Mounting height	Detection range Ceiling: at a height of 3 m Outdoor: at a height of 2.5 m Wall: at a height of 1.2 m	Commissioning method 1	Commissioning method 2	Page
-	IP65	1 ch	360°	2-3 m	9 m	Via Niko Home Control	-	5.F-1
-	IP40	1 ch	180°	0.9-1.1 m	9 m	Via Niko Home Control	-	5.F-1
-	IP40	1 ch	180°	0.9-1.1 m	9 m	-	On the device	5.F-1
-	IP40	1 ch	180°	0.9-1.1 m	9 m	-	On the device	5.F-1
-	IP54	1 ch	180°	2,5 m	16 m	-	On the device	5.F-1
-	IP54	1 ch	180°	2,5 m	13 m	-	On the device	5.F-2

Mini presence detector, 360°, Niko Home Control, 9 m

The mini detector detects movement and changes in light intensity. Using this information various Niko Home Control actions can be activated or deactivated. The product is suitable for ceiling mounting in suspended ceilings, both indoors and outdoors.

- Dimensions (HxWxD): 13 x 36 mm
- Dimensions visible (HxWxD): 13 x 36 mm
- Input voltage: 26 Vdc (SELV, safety extra-low voltage)
- Drill diameter: 30 mm
- Detection angle: 360 °
- Detection range (PIR): 9.5 m from a height of 3 m
- Light intensity range: 2 lux – 2500 lux
- Ambient temperature: -10 – +50 °C
- Mounting method: flush-mounting

COMPLETE UNIT

550-20220 Pieces: 1 Detector

Wall motion detector, 180°, Niko Home Control, 9 m

This motion detector is suitable for indoor use only. Niko Home Control supplies power to the motion detector. No additional power supply is required. To be used as a motion detector or as a motion detector in combination with a photo cell.

- resting potential: 26 Vdc (SELV, safety extra-low voltage)
- detection angle: 180° horizontal, 60° vertical
- detection range: 9 m (horizontal)
- recommended mounting height: 90 - 110 cm
- light sensitivity: 5 - 1200 lux
- switch-off delay: 10 s
- manual mode option
- ambient temperature: -5 – +45 °C
- CE marked

COMPLETE UNIT

550-20210 Pieces: 6 For claw fixing
550-20211 Pieces: 6 For screw fixing (centre distance: 71 mm)
550-20212 Pieces: 6 For screw fixing

FINISHING SET

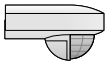
100-55511 Pieces: 6
104-55511 Pieces: 6
123-55511 Pieces: 6
157-55511 Pieces: 6
220-55511 Pieces: 6
101-55511 Pieces: 6
121-55511 Pieces: 6
124-55511 Pieces: 6
161-55511 Pieces: 6
221-55511 Pieces: 6
102-55511 Pieces: 6
122-55511 Pieces: 6
154-55511 Pieces: 6
200-55511 Pieces: 6

Outdoor motion detector, 180°, Niko Home Control, 16 m, with orientable lens

This motion detector is suitable for use on driveways, on outdoor patios, in garden areas or in garages. The detector is equipped with an integrated light sensor. The sensor can be rotated horizontally within a 25° angle to modify the direction of detection. If you do not want the motion detector to detect any motion within a certain section of the detection area, you cover the sensor lens using the cover cap supplied. Niko Home Control supplies power to the motion detector. No additional power supply is required.

- Input voltage: 26 Vdc (SELV, safety extra-low voltage)
- Detection angle: 180 °
- Detection range (PIR): up to 16 m in diameter from a height of 3 m
- Switch-off delay: 8 s – 30 m
- Protection degree: IP54
- Mounting height: 2.5 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT



550-20200 Pieces: 1 Detector, white

ACCESSORY

390-20050 Pieces: 1 Ceiling mounting bracket

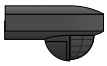
Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Outdoor motion detector, 180°, Niko Home Control, 13 m, with orientable lens, black

This motion detector is suitable for use on driveways, on outdoor patios, in garden areas or in garages. The detector is equipped with an integrated light sensor. The sensor can be rotated horizontally within a 25° angle to modify the direction of detection. If you do not want the motion detector to detect any motion within a certain section of the detection area, you cover the sensor lens using the cover cap supplied. Niko Home Control supplies power to the motion detector. No additional power supply is required.

- Input voltage: 26 Vdc (SELV, safety extra-low voltage)
- Detection angle: 180 °
- Detection range (PIR): up to 13 m in diameter from a height of 3 m
- Switch-off delay: 8 s – 30 m
- Protection degree: IP54
- Mounting height: 2.5 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT



550-20201 Pieces: 1 Detector, black

ACCESSORY

390-20150 Pieces: 10 Ceiling mounting bracket, black

24 V

In this chapter:

- motion detectors
- light sensor
- twilight switch

5.A
5.B
5.C
5.D
5.E
5.F
5.G

	Article number	Description
	350-20011	Motion detector, 90°, 24 V, 6 m
	350-30010	Motion detector, 90°, 24 V DC, 0.5 - 15 m, light sensor
	350-41279	Motion detector, 90°, 24 V, 22 m
	350-41549	Motion detector, 360°, 24 V, 8 m, for surface mounting
	350-10012	Light sensor, IP54, 3 - 60 klux
	350-10032	Twilight switch, 24 V, one channel (4 A)

	Master/Secondary	Protection degree	Number of channels Number of zones	Detection angle	Mounting height	Detection range Ceiling: at a height of 3 m Outdoor: at a height of 2.5 m Wall: at a height of 1.2 m	Commissioning method	Page
	-	IP20	-	90°	2-8 m	6 m	On the device	5.G-1
	-	IP20	-	90°	2-3 m	22 m	On the device	5.G-1
	-	IP20	-	90°	2-3 m	22 m	On the device	5.G-2
	-	IP20	-	360°	2.5-4 m	8 m	On the device	5.G-2
	-	IP54	-	90°	-	-	On the device	5.G-2
	-	IP54	1 ch	-	-	-	On the device	5.G-3

Motion detector, 90°, 24 V, 6 m

Motion detector suitable for motion detection in warehouses. To be used in combination with a daylight control module (360-35010) for lighting control. At a maximum mounting height of 8 m, the detection area covers a surface of 16 x 1 m (LxW). For outdoor applications, use the IP54 protection cap (390-20010). This protection cap needs to be ordered separately.

- Input voltage: 24 Vdc ± 10 %
- Number of channels: 1 channel
- Relay contact 1: on/off (NPN transistor)
- Detection angle: 90 °
- Detection range (PIR): up to 6 m from a height of 3 m
- Protection degree: IP20
- Mounting height: 2.5 – 8 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 °C
- Maximum power consumption: 5 mA

COMPLETE UNIT

350-20011 Pieces: 1 Detector

ACCESSORY

390-20010 Pieces: 10 IP54 protection cap

ACCESSORY

390-20000 Pieces: 1 Vandalproof protection cap, wall mounting

Motion detector, 90°, 24 V DC, 0.5 - 15 m, light sensor

Motion detector with built-in light sensor. Suitable for motion detection at an angle of 90° and over a distance of 0.5 to 15 m. To be used in combination with a daylight control module (360-35010) for lighting control. The use of the IP54 protection cap (390-20010) is obligatory for outdoor use. This protection cap needs to be ordered separately.

- Input voltage: 24 Vdc ± 10 %
- Number of channels: 1 channel
- Detection angle: 90 °
- Detection range (PIR): up to 15 m from a height of 2.5 m
- Protection degree: IP20
- Mounting height: 2 – 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 °C

COMPLETE UNIT

350-30010 Pieces: 1 Detector

ACCESSORY

390-20010 Pieces: 10 IP54 protection cap

ACCESSORY

390-20000 Pieces: 1 Vandalproof protection cap, wall mounting

Motion detector, 90°, 24 V, 22 m

90° motion detector, 24 V, with a potential-free contact for mounting on walls and ceilings. The detector is durable, functional and compact. The motion detector has a built-in walking test and adjustable sensitivity (5 levels) and can be combined with Niko Home Control. To be used in combination with the digital potential-free sensor module (550-00210). For use in small offices, storage areas, corridors, conference rooms … The motion detector is suitable for the control of HVAC, ventilation, building management systems, Niko Home Control … The switch-off delay of the potential-free relay and the sensitivity of the detector can be set on the device. Also suitable for outdoor applications. In this case a protective cover (to be ordered separately) is used to make the motion detector splashproof (protection degree IP54).

- Input voltage: 24 Vac/Vdc ± 10 %
- Maximum power consumption: <18 mA
- Number of channels: 1 channel
- Detection angle: 90 °
- Detection range (PIR): circle, 22 m
- Switch-off delay: 2 s – 30 m
- Protection degree: IP20
- Mounting height: 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 °C

COMPLETE UNIT

350-41279 Pieces: 1 Detector

ACCESSORY

390-20010 Pieces: 10 IP54 protection cap

ACCESSORY

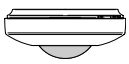
390-20000 Pieces: 1 Vandalproof protection cap, wall mounting

Motion detector, 360°, 24 V, 8 m, for surface mounting

The motion detector has a limited diameter (80 mm) and thickness (3 cm) and an adjustable sensitivity (4 levels). For use in small offices, storage areas, corridors, conference rooms, … The detector is suitable for the control of ventilation, building management systems, Niko Home Control .. To be used in combination with the digital potential-free sensor module (550-00210). It is possible to set both the switch-off delay of the potential-free relay and the sensitivity of the detector on the device using the DIP switches.

- Dimensions (HxWxD): 80 x 80 x 30.6 mm
- Input voltage: 24 Vac/Vdc ± 10 %
- Relay contact : NO. 0.2 A/max 48 V
- Relay contact 1: NO (max. 48 V/0.2 A), potential-free
- Number of channels: 1 channel
- Detection angle: 360°
- Detection range (PIR): up to 8 m in diameter from a height of 3 m
- Switch-off delay: 5 s, 30 s – 1 h
- Protection degree: IP20
- Mounting height: 2.5 – 4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT



350-41549 Pieces: 1 Detector

Light sensor, IP54, 3 - 60 klux

Photo cell for outdoor applications (IP54). To be used in combination with a daylight control module (360-35010). The photo cell has a variable light sensitivity between 3 and 300 lux, 30 and 3 Klux, 300 and 30 Klux or 600 and 60 Klux.

- Dimensions (HxWxD): 52 x 52 x 34,5 mm
- Input voltage: 24 Vdc ± 10 %
- Number of channels: 1 channel
- Light intensity range: 3 lux – 60000 lux
- Protection degree: IP54
- Mounting method: surface-mounting
- Ambient temperature: -40 – +50 °C

COMPLETE UNIT

350-10012 Pieces: 10 Detector

Twilight switch, 24 V, one channel (4 A)

Twilight switch for outdoor wall mounting (IP54), suitable for switching outdoor lighting. Light sensitivity adjustable from 2 to 200 lux. Large sensor surface for accurate light measuring. In conformity with the European directive for EMC and safety EN60669-2-1.

- Input voltage: 24 Vac/Vdc ± 10 %
- Number of channels: 1 channel
- Relay contact 1: NO (max. μ4 A), potential-free
- Light intensity range: 2 lux – 200 lux
- Protection degree: IP54
- Mounting method: surface-mounting
- Ambient temperature: -50 – +50 °C

COMPLETE UNIT

350-10032 Pieces: 5 Twilight switch

Chapter 6

Lighting and lighting control

6.A Flush-mounting dimming

6.B Modular dimming

6.C LED lighting

6.D Orientation lighting

6.E Transformers

Flush-mounting dimming

With dimmers you can control the brightness of your lighting so you always have the right atmosphere in your home. Set your lighting to full brightness when you working at night. Or choose a dimmed light for a dinner party with friends. There is a Niko dimmer for every type of lamp. And even better, your lights operate in a stable way without interfering with other devices.

ADVANTAGES

Large portfolio

- dimmers for all types of dimmable lighting: economy lamps, incandescent lamps, halogen lamps and LED lamps
- extensions available for multiple control points
- for new build and renovation: 2-wire and 3-wire rotating and push-button dimmers

Stable control

- various dimming profiles: every lamp type is dimmed according to its ideal curve
- the boost function also dims lamps that need extra power to start up
- low minimum load: from 3 W

Handy control

- memory function: when turned off the dimmer remembers the last set dimming position
- dim up from the minimum dim level: long push on the button (push button dimmer) or turn right (rotating dimmer) when the lighting is off

Standard PLC interference suppression

- for all universal dimmers
- removes interfering signals from the electricity net as much as possible, in order to limit buzzing and flickering, and reduce humming to a minimum

Standard protection

- overvoltage protection
- short-circuit protection

DALI rotating dimmer

- dims DALI controlled light fixtures
- stand-alone as well as in combination with the Niko DALI detectors
- dims 1 zone or all zones at the same time

NEW

LED compensator

- ideal for challenging 2-wire LED dimming situations
- removes ghosting effects
- removes flickering and blinking
- complementary to the PLC interference suppression (already added to every universal dimmer)

QUICK SELECTION GUIDE

	Universal			Specific	
	2-wire	3-wire	LED	DALI	1-10 V control
Rotating button	310-03900	310-01900 310-02000	310-04900	310-02100	310-01100
Push-button	310-02900		310-02800 (3-wire, Ledino)		

Other types of dimmers can be found on the product pages.

6.A
6.B
6.C
6.D
6.E

Universal rotary dimmer 3 - 300 W, 2 wire

Dimmer for LED lamps, 230 V halogen lamps, all low-voltage halogen lamps and dimmable incandescent lamps, 2 wired.

- for use with or without light value memory
- to switch the lighting on and off from another location, use N.O. push buttons (170-0000x), also when replacing single-pole, two-way or intermediate switches
- power supply voltage: 230 Vac ± 10%, 50 Hz
- incandescent lamps: 3 - 300 W
- 230 V halogen lamps: 3 - 300 W
- dimmable LED lamps: 3 - 200 W (maximum number of lamps will depend on the used lamp type)
- ferromagnetic transformer: 20 - 300 VA
- toroidal core transformer: 20 - 300 VA
- electronic transformer: 20 – 300 VA
- minimum load: 3 W
- maximum load: 300 W
- overload protection with automatic reset function
- electronic short-circuit protection
- powerline communication interference suppression
- power consumption standby: 0.15 W
- connection terminals: 2 x 2.5 mm²
- ambient temperature: 35 °C

BASE

310-03900 Pieces: 6 With screw terminals and claw fixing

310-03901 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET

100-31003 Pieces: 10
104-31003 Pieces: 10
123-31003 Pieces: 10
157-31003 Pieces: 10
220-31003 Pieces: 10
101-31003 Pieces: 10
121-31003 Pieces: 10
124-31003 Pieces: 10
161-31003 Pieces: 10
221-31003 Pieces: 10
102-31003 Pieces: 10
122-31003 Pieces: 10
154-31003 Pieces: 10
200-31003 Pieces: 10

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Universal rotary dimmer 5 - 325 W, 3 wire

Dimmer for dimmable LED lamps, 230 V halogen lamps, all low-voltage halogen lamps, dimmable economy lamps and incandescent lamps. This dimmer is connected with a 3-wire system.

- to be used with or without light value memory
- for use with more than one control point, in combination with (a maximum of five) rotary button extensions (310-02000)
- power supply voltage: 230 Vac ± 10%, 50 Hz
- incandescent lamps: 5 - 325 W
- 230 V halogen lamps: 5 - 325 W
- dimmable economy lamps: 5 - 200 W (max. 10)
- dimmable LED lamps: 5 - 200 W (maximum number of lamps will depend on the used lamp type)
- ferromagnetic transformer: 20 - 325 VA
- toroidal core transformer: 20 - 325 VA
- electronic transformer: 20 - 325 VA
- minimum load: 5 W
- maximum load: 325 W
- overload protection with automatic reset function
- electronic short-circuit protection
- powerline communication interference suppression
- connection terminals: 2 x 2.5 mm²
- ambient temperature: 35 °C

BASE

310-01900 Pieces: 6 With screw terminals and claws

310-01901 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET

100-31003	Pieces: 10	**101-31003**	Pieces: 10	**102-31003**	Pieces: 10
104-31003	Pieces: 10	**121-31003**	Pieces: 10	**122-31003**	Pieces: 10
123-31003	Pieces: 10	**124-31003**	Pieces: 10	**154-31003**	Pieces: 10
157-31003	Pieces: 10	**161-31003**	Pieces: 10	**200-31003**	Pieces: 10
220-31003	Pieces: 10	**221-31003**	Pieces: 10		

Rotary button extension, 3 wire

Rotary button extension for the universal rotary dimmer with PLC interference suppression 5 - 325 W, 3 wire.

- up to five extensions per universal rotary dimmer 5 - 325 W (310-01900)
- power supply voltage: 230 Vac ± 10%, 50 Hz
- connection terminals: 2 x 2.5 mm²

BASE

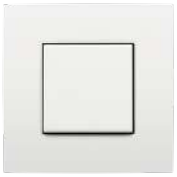
310-02000 Pieces: 6 With screw terminals and claws

310-02001 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET

100-31003	Pieces: 10	**101-31003**	Pieces: 10	**102-31003**	Pieces: 10
104-31003	Pieces: 10	**121-31003**	Pieces: 10	**122-31003**	Pieces: 10
123-31003	Pieces: 10	**124-31003**	Pieces: 10	**154-31003**	Pieces: 10
157-31003	Pieces: 10	**161-31003**	Pieces: 10	**200-31003**	Pieces: 10
220-31003	Pieces: 10	**221-31003**	Pieces: 10		

6.A
6.B
6.C
6.D
6.E



Universal push button dimmer 3 - 300 W, 2 wire

Dimmer for dimmable LED lamps, 230 V halogen lamps, all low-voltage halogen lamps and incandescent lamps. Connected with 2-wire system.

- for use with or without light value memory
- for use with several control points, use N.O. push buttons, also when replacing single-pole, two-way or intermediate switches
- power supply voltage: 230 Vac ± 10%, 50 Hz
- incandescent lamps: 3 - 300 W
- 230 V halogen lamps: 3 - 300 W
- dimmable LED lamps: 3 - 200 W (maximum number of lamps will depend on the used lamp type)
- ferromagnetic transformer: 20 - 300 VA
- toroidal core transformer: 20 - 300 VA
- electronic transformer: 20 – 300 VA
- minimum load: 3 W
- maximum load: 300 W
- overload protection with automatic reset function
- electronic short-circuit protection
- powerline communication interference suppression
- power consumption standby: 0.15 W
- connection terminals: 2 x 2.5 mm²
- ambient temperature: 35 °C

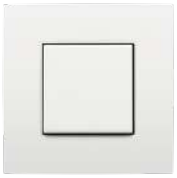
BASE

310-02900 Pieces: 6 With screw terminals and claw fixing

310-02901 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET

100-31002 Pieces: 10
104-31002 Pieces: 10
123-31002 Pieces: 10
157-31002 Pieces: 10
220-31002 Pieces: 10
101-31002 Pieces: 10
121-31002 Pieces: 10
124-31002 Pieces: 10
161-31002 Pieces: 10
221-31002 Pieces: 10
102-31002 Pieces: 10
122-31002 Pieces: 10
154-31002 Pieces: 10
200-31002 Pieces: 10



Push-button dimmer 2 - 100 W, 3 wire

Dimmer for dimmable Philips LED fittings (Ledino), incandescent lamps, dimmable economy lamps, 230 V halogen lamps and electronic transformers, 3 wire

- to be used with or without light value memory
- up to 30 control points with NO push buttons (170-0000x), also when replacing single-pole, two-way or intermediate switching
- power supply voltage: 230 Vac ± 10%, 50 Hz
- dimmable Philips LED fittings (Ledino): 100 W
- incandescent lamps: 100 W
- dimmable economy lamps: 100 W
- 230 V halogen lamps: 100 W
- electronic transformer: 100 VA
- minimum load: 2 W
- maximum load: 100 W
- overload protection with automatic reset function
- electronic short-circuit protection
- connection terminals: 2 x 1.5 mm² or 1 x 2.5 mm²
- ambient temperature: 35 °C

BASE

310-02800 Pieces: 6 With screw terminals and claws

310-02801 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET

100-31002 Pieces: 10
104-31002 Pieces: 10
123-31002 Pieces: 10
157-31002 Pieces: 10
220-31002 Pieces: 10
101-31002 Pieces: 10
121-31002 Pieces: 10
124-31002 Pieces: 10
161-31002 Pieces: 10
221-31002 Pieces: 10
102-31002 Pieces: 10
122-31002 Pieces: 10
154-31002 Pieces: 10
200-31002 Pieces: 10

Rotary dimmer for dimmable LED lamps, 4 – 200 W, 2 wire

Rotary dimmer for dimmable LED lamps in trailing edge.
It can also dim incandescent lamps, 230 Vac Halogen lamps and low voltage halogen lamps with electronic transformer.
2-wire connected.

- rotary control
- trailing edge dimmer
- selectable light value memory mode (ON, OFF)
- adjustable boostlevel
- adjustable minimum dimlevel
- overload and overtemperature protection
- dimmable LED lights: 4 - 200 W (maximum number of lamps will depend on the used lamp type)
- power supply voltage: 230 Vac ± 10%, 50 Hz
- incandescent lamps: 4 – 200 W
- 230 V halogen lamps: 4 - 105 W
- electronic transformers: 4 – 105 VA (trailing edge only)
- minimum load: 4 W
- maximum load: 200 W
- standby consumption: 0.15 W
- screw terminals: 2 x 2.5 mm²
- ambient temperature: 0 – +40 °C

BASE

310-04900 Pieces: 6 With screw terminals and claw fixing

310-04901 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET

100-31003	Pieces: 10	**101-31003**	Pieces: 10	**102-31003**	Pieces: 10
104-31003	Pieces: 10	**121-31003**	Pieces: 10	**122-31003**	Pieces: 10
123-31003	Pieces: 10	**124-31003**	Pieces: 10	**154-31003**	Pieces: 10
157-31003	Pieces: 10	**161-31003**	Pieces: 10	**200-31003**	Pieces: 10
220-31003	Pieces: 10	**221-31003**	Pieces: 10		

DALI rotary dimmer

This DALI rotary control is used to control DALI controlled light luminaires. The dimmer can be set to control 15 DALI groups separately or set in broadcast mode, to control all DALI controlled devices simultaneously. This dimmer is not equipped with a built-in power supply for the DALI bus (you can use the external Niko power supply 350-70985 or DALI DIN rail bus power supply 67-710). The rotary dimmer can also be used in combination with the Niko DALI addressable detectors to manually dim the light. It is possible to manually change the dimming speed (the so-called fade rate) - without the use of a PC.

- for use in DALI systems
- power supply voltage: that of the DALI bus (not built-in)
- complies with the EN 60669-2-1
- groups: 15 (configurable) individually or all at once (broadcast)
- dimming speed: adjustable
- wire capacity: 2 x 2.5 mm²
- ambient temperature: +5 – +50 °C
- maximum power consumption: 6 mA

BASE

310-02100 Pieces: 6 With screw terminals and claw fixing

310-02101 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET

100-31003	Pieces: 10	**101-31003**	Pieces: 10	**102-31003**	Pieces: 10
104-31003	Pieces: 10	**121-31003**	Pieces: 10	**122-31003**	Pieces: 10
123-31003	Pieces: 10	**124-31003**	Pieces: 10	**154-31003**	Pieces: 10
157-31003	Pieces: 10	**161-31003**	Pieces: 10	**200-31003**	Pieces: 10
220-31003	Pieces: 10	**221-31003**	Pieces: 10		

Rotary dimmer for systems with 1-10 V current control

Dimmer for switching and controlling dimmable electronic control gear (ECG) for fluorescent lighting, compact fluorescent lighting and dimmable LED lighting.

Expiring product

- to be used for single-pole switching
- built-in single-pole switch (max. 2 A)
- maximum control: 45 mA
- minimum control: 0.1 mA
- compatible with all electronic control gear in compliance with EN60929
- adjustment range depends on the electronic control gear connected and the manufacturer
- connection terminals: 2 x 1.5 mm² or 1 x 2.5 mm²
- ambient temperature: 20 °C

BASE

310-01100 Pieces: 6 With screw terminals and claws

310-01101 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET

100-31000	Pieces: 10	**101-31000**	Pieces: 10	**102-31000**	Pieces: 10
104-31000	Pieces: 10	**121-31000**	Pieces: 10	**122-31000**	Pieces: 10
123-31000	Pieces: 10	**124-31000**	Pieces: 10	**154-31000**	Pieces: 10
157-31000	Pieces: 10	**161-31000**	Pieces: 10	**200-31000**	Pieces: 10
220-31000	Pieces: 10	**221-31000**	Pieces: 10		

DALI push-button interface

Push-button interface for control of DALI buses. Push-button interface transforms the switch impulse of external push buttons (e.g. 4-fold push button) into a DALI command. You can easily mount the compact interface in the flush-mounting box behind a potential-free push button.

You can connect 4 push buttons to this interface. Depending on the setting, you can switch a selected light group on or off with every push button (with a brief press) or dim it (by holding down), or select a light scene (pressing briefly). Suitable for all DALI addressable Niko detectors (350-41650, 350-41680, 350-41750, 350-41751, 350-41760, 350-41761, 350-41780 and 350-41781).

- power supply voltage: via the DALI bus
- dimensions (HxWxD): 35 x 30 x 12 mm
- maximum power consumption: 6 mA
- ambient temperature: +5 – +40 °C

COMPLETE UNIT

350-70020 Pieces: 1 DALI push-button interface for control of DALI buses

LED compensator

NEW

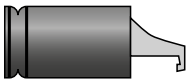
The LED compensator is used with LED lamps when lamp flicker is seen with a 2-wire dimmer. Please note: PLC interference effects that cause flicker symptoms in certain EU countries, will not be blocked by this product.
You can also use the LED compensator as a load to the connected dimmer (55X-722X1) to complete the commissioning with the wireless smart hub for Niko Home Control (552-00001).
It will remove afterglow with lamps or reduce switching delays between led drivers in a light circuit.
One or more LED compensators are installed parallel over a LED lamp, between the phase wire and the neutral wire.

- input voltage: 230 Vac ± 10 %, 50 Hz
- nominal standby consumption: 1.4 W
- dimensions (HxWxD): 30.8 mm x 22.1 mm x 17.1 mm (cabling excluded)
- weight: 21 g ±1 g
- operating temperature: 0 - 40 ° C
- protection degree: IP51

COMPLETE UNIT

310-05001 Pieces: 6 LED compensator

Fuse holder for modular dimmer



ACCESSORY

09-794-31 Pieces: 10 Fuse holder for dimmer 05-704

Modular dimming

Sometimes dimming actions are better coordinated from the electrical cabinet instead of installing separate dimmers for every light. Niko's modular dimmers make it easy. Just like regular dimmers, they are of high quality and you can add as many control points as you like.

ADVANTAGES

Modular dimming

- install the modular dimming in the electrical cabinet
- control the dimmer in various ways:
  - push-button
  - 0-10 V control
  - 1-10 V control
  - DALI dimmer

Universal dimmer

- dims every type of dimmable lighting: economy lamps, incandescent lamps, halogen lamps and LED lamps
- dims every lamp according to its ideal dimming curve
- decide on the fixture or lamp type later
- low minimum load: from 5 W
- standard overvoltage and short-circuit protection

Standard PLC interference suppression

- for all universal dimmers
- removes interfering signals from the electricity net as much as possible, in order to limit buzzing and flickering, and reduce humming to a minimum

Universal modular dimmer PLC interference suppression 5 - 350 W

Dimmer for all types of lamps: dimmable LED lamps, 230 V halogen lamps, all types of low-voltage halogen lamps, dimmable economy lamps and incandescent lamps. Control via an NO push button (230 Vac or 8-24 Vac/Vdc). Use with or without memory function, staircase function or all-off function. In compliance with the European directives for EMC and safety EN60669-2-1.

- power supply voltage: 230 Vac ± 10%, 50 Hz
- incandescent lamps: 5 - 350 W
- 230 V halogen lamps: 5 - 350 W
- ferromagnetic transformer: 20 - 350 VA
- toroidal core transformer: 20 - 350 VA
- electronic transformer: 20 - 350 VA
- economy lamps: 5 - 200 W
- LED lamps: 5 - 200 W (maximum number of lamps will depend on the used lamp type)
- minimum load: 5 W
- overload protection with automatic reset function
- electronic short-circuit protection
- powerline communication interference suppression
- connection terminals: 2 x 1.5 mm² or 1 x 2.5 mm²
- ambient temperature: 35 °C
- dimensions (1 DIN rail module): 89 x 17.5 x 60 mm (HxWxD)
- weight: ± 70 g

COMPLETE UNIT

330-00700 Pieces: 10 Complete unit

Universal modular dimmer PLC interference suppression 5 - 350 W, analogue

Dimmer for all types of lamps: dimmable LED lamps, 230 V halogen lamps, all types of low-voltage halogen lamps, dimmable economy lamps and incandescent lamps. 0-10 V control or 1-10 V current control. In compliance with the European directives for EMC and safety EN60669-2-1.

- power supply voltage: 230 Vac ± 10%, 50 Hz
- 0-10 V input impedance: 33 kΩ
- 1-10 V input impedance: 22 kΩ
- incandescent lamps: 5 - 350 W
- 230 V halogen lamps: 5 - 350 W
- ferromagnetic transformer: 20 - 350 VA
- toroidal core transformer: 20 - 350 VA
- electronic transformer: 20 - 350 VA
- economy lamps: 5 - 200 W
- LED lamps: 5 - 200 W (maximum number of lamps will depend on the used lamp type)
- minimum load: 5 W
- overload protection with automatic reset function
- electronic short-circuit protection
- powerline communication interference suppression
- connection terminals: 2 x 1.5 mm² or 1 x 2.5 mm²
- ambient temperature: 35 °C
- dimensions (1 DIN rail module) : 89 x 17.5 x 60 mm (HxWxD)
- weight: ± 70 g

COMPLETE UNIT

330-00701 Pieces: 10 Complete unit

Universal modular dimmer 750 VA (3 A)

Dimmer for incandescent lamps, 230 V halogen lamps and all types of low-voltage halogen lamps. Automatic selection of the dimming principle. Control via an NO push button, control without voltage, 0-10 V control, 1-10 V current control or directly on the device. Up to 30 NO push buttons in parallel. Use with or without memory function. Additional memory for saving one atmosphere via push-button control. Indication LEDs for the operation and feedback on errors. In compliance with the European directives for EMC and safety EN60669-2-1.

- power supply voltage: 230 Vac ± 10%, 50 Hz ± 1 Hz
- incandescent lamps: 750 W
- 230 V halogen lamps: 750 W
- ferromagnetic transformer: 750 VA
- toroidal core transformer: 750 VA
- electronic transformer: 750 VA
- minimum load: 60 W/60 VA
- hum-free
- overload protection with automatic reset function
- electronic short-circuit protection
- powerline communication interference suppression
- connection terminals: 2 x 2.5 mm² or 1 x 4 mm²
- ambient temperature: 35 °C
- dimensions (2 DIN rail modules): 90 x 35 x 66 mm (HxWxD)
- weight: ± 144 g

Replaces 05-707

COMPLETE UNIT

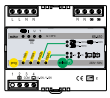
05-715 Pieces: 10 Complete unit

Universal modular dimmer 1400 VA (6 A)

Dimmer for incandescent lamps, 230 V halogen lamps and all types of low-voltage halogen lamps. Automatic selection of the dimming principle. Control via an NO push button, control without voltage, 0-10 V control, 1-10 V current control or directly on the device. Up to 30 NO push buttons in parallel. Use with or without memory function. Additional memory for saving one atmosphere via push-button control. Integrated staircase function. Minimum dimming level adjustable between 1 and 40% and maximum dimming level between 60 and 100%. Indication LEDs for the operation and feedback on errors. In compliance with the European directives for EMC and safety EN60669-2-1.

- power supply voltage: 230 Vac ± 10%, 50 Hz ± 1 Hz
- incandescent lamps: 1400 W
- 230 V halogen lamps: 1400 W
- ferromagnetic transformer: 1400 VA
- toroidal core transformer: 1400 VA
- electronic transformer: 1400 VA
- minimum load: 100 W/100 VA
- hum-free
- overload protection with automatic reset function
- electronic short-circuit protection
- powerline communication interference suppression
- connection terminals: 2 x 2.5 mm² or 1 x 4 mm²
- ambient temperature: 35 °C
- dimensions (6 DIN rail modules): 89 x 105 x 60 mm (HxWxD)
- weight: ± 440 g

COMPLETE UNIT



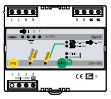
65-410 Pieces: 1 Complete unit

Universal modular dimmer 1400 VA (6 A), DALI control

Dimmer for incandescent lamps, 230 V halogen lamps and all types of low-voltage halogen lamps. Automatic selection of the dimming principle. Control via DALI (EN60929) or directly on the device. Use with or without memory function. Indication LEDs for the operation and feedback on errors. In compliance with the European directives for EMC and safety EN60669-2-1.

- power supply voltage: 230 Vac ± 10%, 50 Hz ± 1 Hz
- incandescent lamps: 1400 W
- 230 V halogen lamps: 1400 W
- ferromagnetic transformer: 1400 VA
- toroidal core transformer: 1400 VA
- electronic transformer: 1400 VA
- minimum load: 100 W/100 VA
- hum-free
- overload protection with automatic reset function
- electronic short-circuit protection
- powerline communication interference suppression
- connection terminals: 2 x 2.5 mm² or 1 x 4 mm²
- ambient temperature: 35 °C
- dimensions (6 DIN rail modules): 89 x 105 x 60 mm (HxWxD)
- weight: ± 440 g

COMPLETE UNIT



65-411 Pieces: 1 Complete unit

Dimmer for systems with 1-10 V current control

Dimmer for switching and controlling dimmable electronic control gear (ECG) for fluorescent lighting, compact fluorescent lighting and dimmable LED lighting. Control via a voltage-free NO push button, 0-10 V voltage control or directly on the device. Up to 30 NO push buttons in parallel. Use with or without memory function. Additional memory for saving one atmosphere via push button control. Panic function: as long as this function is activated, the lighting is illuminated at its maximum. Indication LEDs for the operation and feedback on errors. In compliance with the European directives for EMC and safety EN60669-2-1.

- power supply voltage: 230 Vac ± 10%, 50 Hz ± 1 Hz
- maximum switching capacity: 6 A
- dimming capacity: 0 - 50 mA
- compatible with all electronic control gear in compliance with EN60929
- adjustment range depends on the electronic control gear connected and the manufacturer
- connection terminals: 2 x 1.5 mm² or 1 x 2.5 mm²
- dimensions (4 DIN rail modules): 90 x 71.5 x 66 mm (HxWXD)
- weight: ± 238 g

Replaces 65-230 and 65-330

COMPLETE UNIT

05-711 Pieces: 6 Complete unit

Modular DALI power supply

A DALI power supply always has to be connected to the bus. The maximum current on the DALI bus amounts to 250 mA. The modular power supply is provided with an electronic overload, short-circuit and overheating protection. Protections are indicated with a red LED. The presence of power supply is indicated with a green LED. If the Niko power supply is connected to components of other manufacturers, a safety extra-low voltage (SELV) is no longer guaranteed. The power supply can also be used for other systems than DALI, on the condition that they have the same specifications.

- power supply voltage: 230 Vac, 50 Hz
- secondary voltage: 16 or 22.5 Vdc (adjustable)
- weight: 400 g
- dimensions (4 DIN rail modules): 89 x 70 x 54.5 mm (HxWxD)
- DALI compatibility: 7.5 – 22.5 Vdc, current protection activated from 240 mA onwards

COMPLETE UNIT

67-710 Pieces: 6 Complete unit

Compact power supply for DALI bus systems

This compact power supply is used to supply power to the DALI bus and its connected control devices. The power supply can either be integrated in the luminaire itself, or placed on the suspended ceiling. The maximum load is 250 mA.

- power supply voltage: 85 to 265 V, frequency 50/60 Hz
- dimensions (HxWxL): 30 x 20 x 160 mm
- standby consumption: < 1 W
- output: DALI
- output voltage: 16 Vdc + - 5 %
- max. load DALI output: 250 mA/4 W
- ambient temperature: 0 – +50 °C
- protection degree: IP20
- air humidity: 20 - 95% RH, non condensing

COMPLETE UNIT

350-70985	Pieces: 1	Complete unit

LED lighting

The right light is always important. With LED lighting, you can provide the right atmosphere or choose the colour or white tone that fits the occasion.

ADVANTAGES

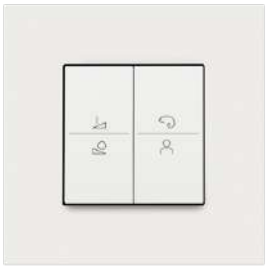
Several types of power supplies

- for DIN rail mounting or with transformer case for flush-mounting in false walls or ceilings

RGB(W) controlling possibilities

- via the LED controller: control the colour intensity of adjustable white, RGB or RGB(W) LED strips (100 W per channel)

PRODUCT IN THE PICTURE



Wireless wall control

- attach to any surface
- to be combined with 4 channel constant voltage controller
- 4 buttons with clear icons
  - switch on/off
  - memorise colour setting and call favourites
  - dim
  - select colour (temperature)
- control up to 10 constant voltage controllers (connected via a wired master-secondary configuration) for a synchronised control of a larger number of LED strips
- connect up to 15 wireless wall controls to 1 constant voltage controller
- available in every Niko colour
- finish with Niko Pure, Niko Intense or Niko Original faceplates

4-channel constant voltage LED controller, wireless

- ideal to control LED strips (contant voltage, comman anode) from 12 to 24 Vdc
- the controller can control the following types of LED strips: RGB, RGBW, tunable white and monochrome
- 4 LED channels: R-WW, G-CW, B-WW, W-CW
- wireless system according to the Easywave protocol (RF 868 MHz)
- Compatible with wireless controls according to the Easywave protocol (RF 868 MHz)

Power supply for LED strips, 24 Vdc - 60 W - IP67

The 60 W power supply is suitable for supplying power to LED strips. This power supply has an IP67 protection degree, is dust-free and waterjet proof. As a result, it is extremely well-suited for installation in a damp room, such as a bathroom or kitchen. The cables are fixed with resin.

- dimensions: 53 x 150 x 35 mm (HxWxD)
- weight: ± 495 g
- primary wire connection: 2 x 0.8 mm²; L: 30 cm
- power supply voltage: 230 V; 50 Hz
- secondary wire connection: 2 x 0.8 mm²; L: 30 cm
- dim wire connection: 2 x 0.3 mm²; L: 30 cm
- output voltage: 24 Vdc
- nominal power: 60 W
- protection degree: IP67
- ambient temperature: 50 °C; Tc: 85 °C

COMPLETE UNIT

340-00028 Pieces: 1 Power supply 24 Vdc, 60 W, IP67 for LED strips

Power supply for LED strips, 24 Vdc - 120 W - IP67

The 120 W power supply is suitable for supplying power to LED strips. This power supply has an IP67 protection degree, is dust-free and waterjet proof. As a result, it is extremely well-suited for installation in a damp room, such as a bathroom or kitchen. The cables are fixed with resin.

- dimensions: 63 x 190 x 37 mm (HxWxD)
- weight: ± 868 g
- primary wire connection: 2 x 0.8 mm²; L: 30 cm
- power supply voltage: 230 V; 50 Hz
- secondary wire connection: 2 x 2 mm²; L: 30 cm
- dim wire connection: 2 x 0.8 mm²; L: 30 cm
- output voltage: 24 Vdc
- nominal power: 120 W
- protection degree: IP67
- ambient temperature: 50 °C; Tc: 85 °C

COMPLETE UNIT

340-00029 Pieces: 1 Power supply 24 Vdc, 120 W, IP67 for LED strips

DIN rail power supply for LED strips, 24 Vdc - 60 W

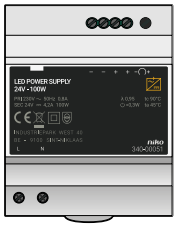
The 60 W power supply is suitable for DIN rail mounting. The power supply is equipped with a primary input and four secondary terminals to connect two loads. Usage of screw terminals, both at primary and at secondary side. The output power range is adjustable. In compliance with the European directives for EMC and safety.

- dimensions (only 3 DIN rail modules): 90 x 52.5 x 55 mm (HxWxD)
- weight: ± 270 g
- operating temperature -30 – +70 °C
- ambient temperature: 35 °C
- protection against short-circuit, overvoltage and overload (automatic reset function)
- input terminals (1 pair): 1 x 2.5 mm²
- power supply voltage: 85 - 264 V AC; 47 - 63 Hz
- output terminals (2 pairs): 2 x 1.5 mm² or 1 x 2.5 mm²
- output power range: 21.6 - 29 V DC
- nominal current: 2.5 A
- nominal power: 60 W
- ripple voltage: 150 mVp-p
- stand-by power consumption: <0.5 W
- SELV (safety extra-low voltage)

COMPLETE UNIT

340-00050 Pieces: 6 Modular power supply 24 Vdc, 60 W

DIN rail power supply for LED strips, 24 Vdc - 100 W



The power supply is suitable for DIN rail mounting. The power supply is equipped with a primary input and four secondary terminals to connect two loads. Usage of screw terminals, both at primary and at secondary side. The output power range is adjustable. In compliance with the European directives for EMC and safety

- dimensions (only 4 DIN rail modules): 90 x 70 x 55 mm (HxWxD)
- weight: ± 270 g
- operating temperature -30 – +70 °C
- ambient temperature: 35 °C
- protection against short-circuit, overvoltage and overload (automatic reset function)
- input terminals (1 pair): 1 x 2.5 mm²
- power supply voltage: 85 - 264 V AC; 47 - 63 Hz
- output terminals (2 pairs): 2 x 1.5 mm² or 1 x 2.5 mm²
- output power range: 21.6 - 29 V DC
- nominal current: 4.2 A
- nominal power: 100 W
- ripple voltage: 150 mVp-p
- stand-by power consumption: <0.5 W
- SELV (safety extra-low voltage)

COMPLETE UNIT

340-00051 Pieces: 6 Modular power supply 24 Vdc, 100 W

Wireless 4-channel constant voltage controller

The 4-channel controller is suitable for controlling LED strips (constant voltage, common anode) from 12 to 24 Vdc. The controller has a maximum power of 50 W per channel for 12 Vdc LED strips and of 100 W per channel for 24 Vdc LED strips. The controller can control the following types of LED strips: RGB, RGBW, tunable white and monochrome. We recommend using the specifically designed RGB(W) wall controller in 4-button mode (article numbers 410-00002 + xxx-90002) for controlling the colour LED strips.

- wireless system
- frequency: 868 MHz
- transmission range: ± 30 m indoors, 100 m in open spaces
- primary connection: 1 x 2.5 mm² of 2 x 1.5 mm²
- secondary connection: 1 x 1.5 mm²
- dimensions: 176 x 62 x 36 mm (HxWxD)
- protection degree: IP20
- minimum drill diameter: 75 mm
- minimum flush-mounting height in suspended ceiling: 170 mm”

COMPLETE UNIT

410-00121 Pieces: 1

Wireless switch with four buttons

This wireless switch with four buttons can be used by a smart switch or a wireless receiver. It can be used as a two dual-button controls (upper:on, lower off) or as four one-button controls (toggle on/off or pulse). The switch can also be used in the Niko Home Control installation in combination with the Niko Home Control RF interface Easywave.

BASE

410-00002 Pieces: 6 With plastic mounting frame and battery

FINISHING SET

100-90002	Pieces: 10	**101-90002**	Pieces: 10	**102-90002**	Pieces: 10
104-90002	Pieces: 10	**121-90002**	Pieces: 10	**122-90002**	Pieces: 10
123-90002	Pieces: 10	**124-90002**	Pieces: 10	**154-90002**	Pieces: 10
157-90002	Pieces: 10	**161-90002**	Pieces: 10	**200-90002**	Pieces: 10
220-90002	Pieces: 10	**221-90002**	Pieces: 10		

6.A
6.B
6.C
6.D
6.E

PWM dimmer, 100 W

The PWM dimmer will be used to dim LED strips with monochrome LEDs, up to a maximum capacity of 100 W. The light intensity is dimmed linearly by using an NO push button. Press the NO push button briefly for switching on and off, and hold it down for brightening and dimming the light.

Replaces 340-10027 and 340-10028.

- power supply voltage: 8 - 24 Vdc
- frequency: 295 Hz
- double primary connection: max. 2 x 1.5 mm² or 1 x 2.5 mm²
- double secondary connection: max. 2 x 1.5 mm² or 1 x 2.5 mm²
- double connection for NO push button: max. 2 x 1.5 mm² or 1 x 2.5 mm²
- dimensions: 100 x 48 x 28 mm (HxWxD)
- minimum flush-mounting diameter: 55 mm
- minimum flush-mounting height in false ceiling: 100 mm
- protection degree: IP20
- ambient temperature: -5 – +55 °C
- CE marked

COMPLETE UNIT

340-00048	Pieces: 5	PWM dimmer, 100 W

RGB controller, max. 50 w

The RGB controller will be used to control Niko LED strips with RGB LEDs, up to a maximum capacity of 50 W. In addition to the on/off function, there are two modes that can be selected with an NO push button. Press the NO push button briefly for running through the different modes (on, fade, fixed colour, off), and hold it down for adjusting the speed of the ‘fade’ mode or the intensity of the ‘fixed colour’ mode.

- power supply voltage: 8 - 24 Vdc
- double primary connection: max. 2 x 1.5 mm² or 1 x 2.5 mm²
- four-fold secondary connection (connection to Niko LED strips): 3 PWM outputs and 1 common connection
- double connection for NO push button: max. 2 x 1.5 mm² or 1 x 2.5 mm²
- dimensions: 116 x 52 x 32 mm (HxWxD)
- minimum flush-mounting diameter: 55 mm
- minimum flush-mounting height in false ceiling: 100 mm
- protection degree: IP20
- ambient temperature: -5 – +55 °C
- CE marked

COMPLETE UNIT

340-00110	Pieces: 10	RGB controller, max. 50 W

Orientation lighting

Thanks to orientation lighting, you can wander through your home safely without having to turn on the light. Orientation lighting can also be used as decoration, flush-mounted in the wall next to your staircase or in the hallway. Reassure your child during the night by adding one to their bedroom. You can safely leave it on for the entire night: it will not warm up.

ADVANTAGES

Easy installation
- works directly on 230 V
- fits in a standard flush-mounting box with a minimum depth of 40 mm
- no need for a patch kit

Safe and energy-efficient
- energy use as low as 0.2 W
- generates no heat, IR or UV radiation
- also available with an emergency battery in case of power outage

Timeless design
- finish with Niko Pure, Niko Intense or Niko Original faceplates
- available in various light colours and white tones

Orientation lighting with backup battery and white leds, 830 lux - 6500 K

Suitable for indoor use. In case of a power failure, the integrated backup battery takes over for a period of 15 minutes.

- works directly on 230 Vac (no transformer needed)
- only suitable for a flush-mounting box with a flush-mounting depth of minimum 50 mm
- no plaster kit needed
- terminal connection: min. 2 x 1.5 mm², max. 2 x 2.5 mm²
- power consumption: 0.6 W
- light intensity at diffuser: 830 lux
- protection degree: IP41
- impact-resistance: IK06
- no heat, IR or UV radiation
- average life span of LEDs: 60 000 h
- battery: environmentally friendly NiMH battery
- battery recharge cycle: ± 24 h

COMPLETE UNIT

170-38010 Pieces: 6 With plug-in terminals and claws

170-38011 Pieces: 6 With plug-in terminals, for screw fixing

ACCESSORY

170-38020 Pieces: 1 Backup battery

Orientation lighting with warm white LEDs, 360 lux - 2800 K

- works directly on 230 Vac (no transformer needed)
- only suitable for a flush-mounting box with a flush-mounting depth of minimum 50 mm
- no plaster kit needed
- terminal connection: min. 2 x 1.5 mm², max. 2 x 2.5 mm²
- power consumption: 0.25 W
- light intensity at diffuser: 360 lux
- protection degree: IP41
- impact-resistance: IK06
- no heat, IR or UV radiation
- average life span of LEDs: 60 000 h

COMPLETE UNIT

170-38500 Pieces: 6 With plug-in terminals and claws

170-38501 Pieces: 6 With plug-in terminals, for screw fixing

Orientation lighting with white leds, 830 lux - 6500 K

- works directly on 230 Vac (no transformer needed)
- only suitable for a flush-mounting box with a flush-mounting depth of minimum 50 mm
- no plaster kit needed
- terminal connection: min. 2 x 1.5 mm², max. 2 x 2.5 mm²
- power consumption: 0.2 W
- light intensity at diffuser: 830 lux
- protection degree: IP41, IK06
- impact-resistance: IK06
- no heat, IR or UV radiation
- average life span of LEDs: 60 000 h

BASE

170-38000 Pieces: 6 With plug-in terminals and claws

170-38001 Pieces: 6 With plug-in terminals, for screw fixing

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Orientation lighting with white leds, 2100 lux - 6500 K

- works directly on 230 Vac (no transformer needed)
- only suitable for a flush-mounting box with a flush-mounting depth of minimum 50 mm
- no plaster kit needed
- terminal connection: min. 2 x 1.5 mm², max. 2 x 2.5 mm²
- power consumption: 0.6 W
- light intensity at diffuser: 2100 lux
- protection degree: IP41
- impact-resistance: IK06
- no heat, IR or UV radiation
- average life span of LEDs: 60 000 h

COMPLETE UNIT

170-38200 Pieces: 6 With plug-in terminals and claws

170-38201 Pieces: 6 With plug-in terminals, for screw fixing

Orientation lighting with blue leds, 270 lux

- works directly on 230 Vac (no transformer needed)
- only suitable for a flush-mounting box with a flush-mounting depth of minimum 50 mm
- no plaster kit needed
- terminal connection: min. 2 x 1.5 mm², max. 2 x 2.5 mm²
- power consumption: 0.6 W
- light intensity at diffuser: 270 lux
- protection degree: IP41
- impact-resistance: IK06
- no heat, IR or UV radiation
- average life span of LEDs: 60 000 h

COMPLETE UNIT

170-38100 Pieces: 6 With plug-in terminals and claws

170-38101 Pieces: 6 With plug-in terminals, for screw fixing

Orientation lighting with red leds, 460 lux

- works directly on 230 Vac (no transformer needed)
- only suitable for a flush-mounting box with a flush-mounting depth of minimum 50 mm
- no plaster kit needed
- terminal connection: min. 2 x 1.5 mm², max. 2 x 2.5 mm²
- power consumption: 0.6 W
- light intensity at diffuser: 460 lux
- protection degree: IP41
- impact-resistance: IK06
- no heat, IR or UV radiation
- average life span of LEDs: 60 000 h

COMPLETE UNIT

170-38300 Pieces: 6 With plug-in terminals and claws

170-38301 Pieces: 6 With plug-in terminals, for screw fixing

Orientation lighting with green leds, 900 lux

- works directly on 230 Vac (no transformer needed)
- only suitable for a flush-mounting box with a flush-mounting depth of minimum 50 mm
- no plaster kit needed
- terminal connection: min. 2 x 1.5 mm², max. 2 x 2.5 mm²
- power consumption: 0.6 W
- light intensity at diffuser: 900 lux
- protection degree: IP41
- impact-resistance: IK06
- no heat, IR or UV radiation
- average life span of LEDs: 60 000 h

COMPLETE UNIT

170-38400 Pieces: 6 With plug-in terminals and claws

170-38401 Pieces: 6 With plug-in terminals, for screw fixing

6.A
6.B
6.C
6.D
6.E

Transformers

ADVANTAGES

User-friendly and fast installation

- 30% time savings thanks to the click cover
- connect 2 spots directly thanks to 2 secondary exits
- easy to daisy chain thanks to 2 primary entrances
- extra time savings by transformers equipped with halogen cap, euro plug or Q distribution block

Compact

- ideal for installation in small spaces or low ceilings
- all transformers fit through a circular 55 mm hole, & some even through a circular 38 mm hole
- flush-mounting depth: minimum 100 mm
- IP65 transformers available for installation in humid environments (like bathrooms or kitchens)

Compact electronic transformers

- even more compact than before
- a circular hole of 38 mm suffices
- wiring along the side is ideal for narrow spaces (like porch profiles)
- universally dimmable
- 4-year warranty

Ref. No	Description
320-00121	Compact electronic transformer 70 W, wire PRI and SEC
320-00122	Compact electronic transformer 105 W, wire PRI and SEC

150 W transformers

- 30% time saving thanks to the click cover
- connect 4 spots directly
- possibility to daisy chain 8 times
- universally dimmable
- 4-year warranty

Ref. No	Description
320-00123	Electronic transformer 150 W, terminal PRI and SEC
320-00124	Electronic transformer 150 W, wire PRI and SEC

Select the best transformer for the job

The selected halogen spot has a terminal

It is best combined with a Niko transformer with a wire connection on the secondary side to ensure a smooth connection.

Applications	Ref. No	Power	Connection PRI
flush-mounting in false ceilings (diameter 55 mm)	320-00124	150 W	dual isolated power cable
flush-mounting (diameter 38 mm)	320-00121	70 W	dual isolated power cable
	320-00122	105 W	dual isolated power cable
IP65 transformers for humid environments and outside use	320-00106	70 W	rubber cable
	320-00107	105 W	rubber cable

The selected halogen spot has a wire output shorter than 20 cm

It is best combined with a Niko transformer with a wire output on the secondary side to ensure a smooth connection.

Applications	Ref. No	Power	Connection PRI
flush-mounting in false ceilings (diameter 55 mm)	320-00124	150 W	dual isolated power cable
flush-mounting (diameter 38 mm)	320-00121	70 W	dual isolated power cable
	320-00122	105 W	dual isolated power cable
IP65 transformers for humid environments and outside use	320-00106	70 W	rubber cable
	320-00107	105 W	rubber cable

The selected halogen spot has no connection possibilities

It is best combined with a Niko transformer with a lamp cap to ensure a quick installation.

Applications	Ref. No	Power	Connection PRI
flush-mounting in false ceilings (diameter 55 mm)	320-00103	70 W	2 pairs of terminals

The selected halogen spot has a wire output longer than 20 cm

It is best combined with a Niko transformer with terminal connection on the secondary side to ensure a smooth connection.

Applications	Ref. number	Power	Connection PRI
flush-mounting in false ceilings (diameter 55 mm)	320-00104	105 W	2 pairs of terminals
	320-00124	150 W	2 pairs of terminals

Electronic 70 W transformer, terminal PRI and SEC

This universal dimmable electronic transformer (70 W) is used for the connection of low-voltage loads (12 V - SELV). This transformer is very compact and therefore very suitable for connection in small spaces. Strain relief is ensured with the easy-to-install click cap. Two loads can be easily connected to the two secondary outputs, and the two primary inputs make interconnection easy (max. 8x). CE marking, CEBEC and ENEC approved.

- dimensions: 116 x 52 x 32 mm (HxWxD)
- weight: 105 g
- dimmable with phase control, reverse phase control and universal dimmers
- load (min-max): 20-70 W
- 4-fold, primary terminal connection: 1 x 2.5 mm^2 or 2 x 1.5 mm^2 with screw terminal
- V pri: 230 Vac ± 10%, 50-60 Hz
- 4-fold, secondary terminal connection: 1 x 2.5 mm^2 or 2 x 1.5 mm^2 with screw terminal
- V sec: 11.5 V, 35 kHz
- min. diameter: 55 mm
- flush-mounting height in false ceiling: min. 100 mm
- protection degree: IP20
- filament test at 850 °C
- ambient temperature: 50 °C; Tc: 80 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III loads
- suitable for flush-mounting in furniture
- suitable for normal combustible surfaces
- self-resetting, built-in protection against short-circuit, overload and overheating
- guarantee: 4 years

COMPLETE UNIT

320-00101	Pieces: 10	Complete unit

Electronic 105 W transformer, terminal PRI and sec

This universal dimmable electronic transformer (105 W) is used for the connection of low-voltage loads (12 V - SELV). This transformer is very compact and therefore very suitable for connection in small spaces. Strain relief is ensured with the easy-to-install click cap. The transformer is equipped with screw terminals on both the primary and the secondary sides. Two loads can be connected to the two secondary outputs. The two primary inputs make interconnection easy (max. 8x). CE marking, CEBEC and ENEC approved.

- dimensions: 116 x 52 x 32 mm (HxWxD)
- weight: 125 g
- dimmable with phase control, reverse phase control and universal dimmers
- load (min-max): 20-105 W
- 4-fold, primary terminal connection: 1 x 2.5 mm^2 or 2 x 1.5 mm^2 with screw terminal
- V pri: 230 Vac ± 10%, 50-60 Hz
- 4-fold, secondary terminal connection: 1 x 2.5 mm^2 or 2 x 1.5 mm^2 with screw terminal
- V sec: 11.5 V, 35 kHz
- min. diameter: 55 mm
- flush-mounting height in false ceiling: min. 100 mm
- protection degree: IP20
- filament test at 850 °C
- ambient temperature: 45 °C; Tc: 85 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III loads
- suitable for flush-mounting in furniture
- suitable for normal combustible surfaces
- self-resetting, built-in protection against short-circuit, overload and overheating
- guarantee: 4 years

COMPLETE UNIT

320-00104	Pieces: 10	Complete unit

Electronic 150 W transformer, terminal PRI and sec

This universal dimmable electronic transformer (150 W) is used for the connection of low-voltage loads (12 V - SELV). This transformer is very compact and therefore very suitable for connection in small spaces. Strain relief is ensured with the easy-to-install click cap. The transformer is equipped with screw terminals on both the primary and the secondary sides. Up to four loads (4 x 35 W or 3 x 50 W) can be easily connected to the 4 secondary outputs. The 2 primary inputs make interconnection easy (max. 8 times). CE marking; CEBEC and ENEC approved.

- dimensions: 184 x 52 x 32 mm (HxWxD)
- weight: 220 g
- dimmable with phase control, reverse phase control and universal dimmers
- load (min-max): 35-150 W
- 4-fold primary terminal connection: 1 x 2.5 mm² or 2 x 1.5 mm² with screw terminal
- V primary: 230 Vac ± 10%, 50-60 Hz
- 8-fold secondary terminal connection: 1x2.5 mm² or 2 x 1.5 mm² with screw terminal
- V secondary: 11.5 V, 35 kHz
- min. diameter: 55 mm
- mounting height in false ceiling: min. 100 mm
- protection degree: IP20
- filament test at 850 °C
- ambient temperature: 50 °C; Tc: 85 °C
- class II devices: SELV (safety extra low voltage)
- suitable for the power supply of class III loads
- suitable for flush-mounting in furniture
- suitable for normal non-flammable surfaces
- self-restoring, built-in protection against short-circuiting, overloading and overheating
- warranty: 4 years

COMPLETE UNIT

320-00123 Pieces: 10 Complete unit

Electronic 70 W transformer, wire PRI and SEC, IP68

This universal dimmable electronic transformer (70 W) is used for the connection of low-voltage loads (12 V - SELV). This transformer is very compact and therefore very suitable for connection in small spaces. The transformer has an IP68 protection degree, is dustfree and jetproof. It is exceptionally suited for installation in damp rooms such as bathrooms and kitchens. The cables are fixed with resin. On the primary side, the transformer is equipped with a rubber cable that can be connected to a mini-connection box (320-00210). This guarantees a quick and correct connection. The silicone wire on the secondary side is directly connected with a spotlight. CE marking, CEBEC and ENEC approved.

- dimensions: 86 x 52 x 32 mm (HxWxD)
- weight: 140 g
- dimmable with phase control, reverse phase control and universal dimmers
- load (min-max): 20-70 W
- secondary connection: rubber cable - 2 x 1 mm²; length: 50 cm
- V pri: 230 Vac ± 10%, 50-60 Hz
- secondary connection: silicon wire (170 °C) - 2 x 0.75 mm²; length: 30 cm
- V sec: 11.5 V, 35 kHz
- min. diameter: 55 mm
- flush-mounting height in false ceiling: min. 100 mm
- protection degree: IP68
- filament test at 850 °C
- ambient temperature: 50 °C; Tc: 80 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III loads
- suitable for flush-mounting in furniture
- suitable for normal combustible surfaces
- self-resetting, built-in protection against short-circuit, overload and overheating
- guarantee: 4 years

COMPLETE UNIT

320-00106 Pieces: 5 Complete unit

Electronic 105 W transformer, wire PRI and SEC, IP65

This universal dimmable electronic transformer (105 W) is used for the connection of low-voltage loads (12 V - SELV). This transformer is very compact and therefore very suitable for connection in small spaces. It has an IP65 protection degree, is dustfree and jetproof. The transformer is exceptionally suited for installation in damp rooms such as bathrooms and kitchens. The cables are fixed with resin. On the primary side, the transformer is equipped with a rubber cable. This cable can be connected to a mini-connection box (320-00210). This guarantees a quick and correct connection. The silicone wire on the secondary side is directly connected with a spotlight. CE marking, CEBEC and ENEC approved.

- dimensions: 86 x 52 x 32 mm (HxWxD)
- weight: 200 g
- dimmable with phase control, reverse phase control and universal dimmers
- load (min-max): 35-105 W
- primary connection: rubber cable - 2 x 1 mm²; length: 50 cm
- V pri: 230 Vac ± 10%, 50-60 Hz
- secondary connection: silicon wire (170 °C) - 2 x 1 mm²; length: 30 cm
- V sec: 11.5 V, 35 kHz
- min. diameter: 55 mm
- flush-mounting height in false ceiling: min. 100 mm
- protection degree: IP65
- filament test at 850 °C
- ambient temperature: 45 °C; Tc: 85 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III loads
- suitable for flush-mounting in furniture
- suitable for normal combustible surfaces
- self-resetting, built-in protection against short-circuit, overload and overheating
- guarantee: 4 years

COMPLETE UNIT

320-00107 Pieces: 5 Complete unit

Electronic 150 W transformer, wire PRI and SEC, IP65

This universal dimmable electronic transformer (150 W) is used for the connection of low-voltage halogen loads (12 V - SELV). The transformer has an IP65 protection degree, is dustfree and jetproof. It is exceptionally suitable for installation in damp rooms such as bathrooms and kitchens. The cables are fixed with resin. On the primary side, the transformer is equipped with a rubber cable. This cable can be connected to a mini-connection box (320-00210), which guarantees a quick and correct connection. The silicone wire on the secondary side is directly connected with a spot light. CE marking and ENEC approved.

- dimensions: H113 mm x W52 mm x D32 mm
- weight: 320 g
- dimmable with phase control, reverse phase control and universal dimmers
- load (min-max): 35-150 W
- primary connection: rubber cable – 2x1 mm²; length: 50 cm
- V primary: 230 V~ ±10%; 50-60 Hz
- secondary connection: silicone wire (170 °C) – 2x1.5 mm²; length: 30 cm
- V secondary: 11.5 V – 35kHz
- min. diameter: 55 mm
- mounting height in false ceiling: min. 100 mm
- protection degree: IP65
- filament test 850 °C
- ambient temperature: 40 °C; Tc 80 °C
- class II devices: SELV (safety extra low voltage)
- suitable for the power supply of class III loads
- suitable for flush-mounting in furniture
- suitable for normal non-flammable surfaces
- self-restoring, built-in protection against short-circuiting, overloading and overheating
- warranty: 4 years

COMPLETE UNIT

320-00124 Pieces: 10 Complete unit

Compact electronic 70 W transformer, wire PRI and sec

This universal dimmable electronic transformer (70 W) is used for the connection of low-voltage loads (12 V - SELV). On the primary side, the transformer is equipped with a double insulated wire. This wire can be connected to a mini connection box (320-00210) which guarantees a quick and correct connection. The silicon wire on the secondary side can be directly connected to a spotlight. Both wires are on the side of the transformer for an easy installation. This transformer is very compact and therefore highly suitable for installations in small spaces. CE marking and ENEC approved.

- dimensions: 32 x 77 x 22 mm (HxWxD)
- weight: 80 g
- dimmable with phase control, reverse phase control and universal dimmers
- load (min-max): 20-70 W
- primary connection: double insulated mains lead with cord end terminals (2 x 0.75 mm²; length: 30 cm)
- primary voltage: 230 Vac ± 10%, 50-60 Hz
- secondary connection: silicone wire (170 °C) (2 x 0.75 mm²; length: 30 cm)
- secondary voltage: 11.5 V, 35 kHz
- min. diameter: 38 mm
- protection degree: IP20
- filament test at 850 °C
- ambient temperature: 50 °C; Tc: 80 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for the power supply of class III loads
- suitable for flush-mounting in furniture
- suitable for normal non-flammable surfaces
- self-restoring, built-in protection against short-circuiting, overloading and overheating
- warranty: 4 years

COMPLETE UNIT

320-00121	Pieces: 10	Complete unit

Compact electronic 105 W transformer, wire PRI and SEC

This universal dimmable electronic transformer (105 W) is used for the connection of low-voltage loads (12 V - SELV). On the primary side, the transformer is equipped with a double insulated wire. This wire can be connected to a mini connection box (320-00210) which guarantees a quick and correct connection. The silicon wire on the secondary side can be directly connected to a spotlight. Both wires are on the side of the transformer for an easy installation. This transformer is very compact and therefore highly suitable for installations in small spaces. CE marking and ENEC approved.

- dimensions: 32 x 103 x 29 (HxWxD)
- weight: 125 g
- dimmable with phase control, reverse phase control and universal dimmers
- load (min-max): 35-105 W
- primary connection: double insulated mains lead with cord end terminals (2 x 0.75 mm²; length: 30 cm)
- primary voltage: 230 Vac ± 10%, 50-60 Hz
- secondary connection: silicone wire (170 °C) (2 x 1 mm²; length: 30 cm)
- secondary voltage: 11.5 V, 35 kHz
- min. diameter: 38 mm
- protection degree: IP20
- filament test at 850 °C
- ambient temperature: 45 °C; Tc: 75 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for the power supply of class III loads
- suitable for flush-mounting in furniture
- suitable for normal non-flammable surfaces
- self-restoring, built-in protection against short-circuiting, overloading and overheating
- warranty: 4 years

COMPLETE UNIT

320-00122	Pieces: 10	Complete unit

Compact cast resin electronic 70 W transformer, wire PRI and sec

This universal dimmable electronic transformer (70 W) is used for the connection of low-voltage loads (12 V - SELV). The cables are fixed by means of resin. On the primary side, the transformer is equipped with a double insulated wire. This wire can be connected to a mini connection box (320-00210) which guarantees a quick and correct connection. The silicon wire on the secondary side can be directly connected to a spotlight. This transformer is very compact and therefore highly suitable for installations in small spaces. CE marking and ENEC approved.

- dimensions: 55 x 48.5 x 28.5 mm (HxWxD)
- weight: 140 g
- dimmable with phase control, reverse phase control and universal dimmers
- load (min-max): 20-70 W
- primary connection: double insulated mains lead with cord end terminals (2 x 0.75 mm²; length: 30 cm)
- primary voltage: 230 Vac ± 10%, 50-60 Hz
- secondary connection: silicon wire (170 °C) (2 x 0.75 mm²; length: 25 cm)
- secondary voltage: 11.5 V, 35 kHz
- min. diameter: 55 mm
- protection degree: IP20
- ambient temperature: 50 °C; Tc 80 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III loads
- suitable for flush-mounting in furniture
- suitable for normal combustible surfaces
- self-resetting, built-in protection against short-circuit, overload and overheating
- warranty: 4 years

COMPLETE UNIT

320-00131	Pieces: 10	Complete unit

Compact cast resin electronic 70 W transformer, wire PRI and SEC, round

This universal dimmable round electronic transformer (70 W) is used for the connection of low-voltage loads (12 V - SELV). The cables are fixed by means of resin. On the primary side, the transformer is equipped with a double insulated wire. This wire can be connected to a mini connection box (320-00210) which guarantees a quick and correct connection. The silicon wire on the secondary side can be directly connected to a spotlight. This transformer is very compact and, thanks to its round shape, can be easily concealed when working with spotlights. CE marking and ENEC approved.

- dimensions: 29 x 52.5 mm (HxD)
- weight: 125 g
- dimmable with phase control, reverse phase control and universal dimmers
- load (min-max): 20-70 W
- primary connection: double insulated mains lead with cord end terminals (2 x 0.75 mm²; length: 30 cm)
- primary voltage: 230 Vac ± 10%, 50-60 Hz
- secondary connection: silicon wire (170 °C) (2 x 0.75 mm²; length: 20 cm)
- secondary voltage: 11.5 V, 35 kHz
- min. diameter: 53 mm
- protection degree: IP20
- ambient temperature: 50 °C; Tc: 80 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III loads
- suitable for flush-mounting in furniture
- suitable for normal combustible surfaces
- self-resetting, built-in protection against short-circuit, overload and overheating
- warranty: 4 years

COMPLETE UNIT

320-00132	Pieces: 10	Complete unit

Compact cast resin electronic 70 W transformer, wire PRI and SEC, flat

This universal dimmable flat electronic transformer (70 W) is used for the connection of low-voltage loads (12 V - SELV). The cables are fixed by means of resin. On the primary side, the transformer is equipped with a double insulated wire. This wire can be connected to a mini connection box (320-00210) which guarantees a quick and correct connection. The silicon wire on the secondary side can be directly connected to a spotlight. This transformer is very compact and, thanks to its shape, is highly suitable for installation in small spaces. CE marking.

- dimensions: 29 x 103 x 21.5 mm (HxWxD)
- weight: 120 g
- dimmable with phase control, reverse phase control and universal dimmers
- load (min-max): 20-70 W
- primary connection: double insulated mains lead with cord end terminals (2 x 0.75 mm²; length: 30 cm)
- primary voltage: 230 Vac ± 10%, 50-60 Hz
- secondary connection: silicon wire (170 °C) (2 x 0.75 mm²; length: 30 cm)
- secondary voltage: 11.5 V, 35 kHz
- minimum diameter: 38 mm
- protection degree: IP20
- ambient temperature: 50 °C; Tc: 80 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III loads
- suitable for flush-mounting in furniture
- suitable for normal combustible surfaces
- self-resetting, built-in protection against short-circuit, overload and overheating
- warranty: 4 years

COMPLETE UNIT

320-00133 Pieces: 10 Complete unit

Compact cast resin electronic 105 W transformer, wire PRI and SEC, flat

This universal dimmable flat electronic transformer (105 W) is used for the connection of low-voltage loads (12 V - SELV). The cables are fixed by means of resin. On the primary side, the transformer is equipped with a double insulated wire. This wire can be connected to a mini connection box (320-00210) which guarantees a quick and correct connection. The silicon wire on the secondary side can be directly connected to a spotlight. This transformer is very compact and, thanks to its shape, is highly suitable for installation in small spaces. CE marking.

- dimensions: 29 x 103 x 21.5 mm (HxWxD)
- weight: 140 g
- dimmable with phase control, reverse phase control and universal dimmers
- load (min-max): 35-105 W
- primary connection: double insulated mains lead with cord end terminals (2 x 0.75 mm²; length: 30 cm)
- primary voltage: 230 Vac ± 10%, 50-60 Hz
- secondary connection: silicon wire (170 °C) (2 x 0.75 mm²; length: 30 cm)
- secondary voltage: 11.5 V, 35 kHz
- min. diameter: 38 mm
- protection degree: IP20
- ambient temperature: 45 °C; Tc: 85 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III loads
- suitable for flush-mounting in furniture
- suitable for normal combustible surfaces
- self-resetting, built-in protection against short-circuit, overload and overheating
- warranty: 4 years

COMPLETE UNIT

320-00134 Pieces: 10 Complete unit

Compact cast resin electronic 70 W transformer, wire PRI and SEC, cylindrical

This universal dimmable electronic transformer (70 W) is used for the connection of low-voltage loads (12 V - SELV). The cables are fixed by means of resin. On the primary side, the transformer is equipped with a double insulated wire. This wire can be connected to a mini connection box (320-00210) which guarantees a quick and correct connection. The silicon wire on the secondary side can be directly connected to a spotlight. This transformer is very compact and, thanks to its shape, is highly suitable for installation in small spaces. CE marking and ENEC approved.

- dimensions: 90 x 39.5 x 29.5 mm (HxWxD)
- weight: 150 g
- dimmable with phase control, reverse phase control and universal dimmers
- load (min-max): 20-70 W
- primary connection: double insulated mains lead with cord end terminals (2 x 0.75 mm²; length: 30 cm)
- primary voltage: 230 Vac ± 10%, 50-60 Hz
- secondary connection: silicon wire (170 °C) (2 x 0.75 mm²; length: 25 cm)
- secondary voltage: 11.5 V, 35 kHz
- min. diameter: 38 mm
- protection degree: IP20
- ambient temperature: 50 °C; Tc: 80 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III loads
- suitable for flush-mounting in furniture
- suitable for normal combustible surfaces
- self-resetting, built-in protection against short-circuit, overload and overheating
- warranty: 4 years

COMPLETE UNIT

320-00135	Pieces: 10	Complete unit

IP68 kit

The IP68 kit is the waterproof solution for all outdoor applications. The kit contains:

- an electronic 105 W transformer, terminal PRI and SEC (320-00104),
- a casting pot,
- a sack of resin,
- a convenient box with a holder for the casting pot.

COMPLETE UNIT

320-00128	Pieces: 1	Complete unit

Ferromagnetic 35 W transformer with wire output, IP40

This ferromagnetic transformer (35 W) is used for the connection of low-voltage loads (12 V - SELV). On the primary side, the transformer is equipped with a double-insulated wire with cord end terminals that can be connected to a mini-connection box (320-00210). This guarantees a quick and correct connection. The silicone wire on the secondary side is directly connected with the load. CE marking, CEBEC and ENEC approved. In compliance with the safety directive EN60669-2-1.

- dimensions: 45 x 76 x 59 mm (HxWxD)
- weight: 750 g
- dimmable with phase control and universal dimmers
- maximum output power: 35 W
- primary connection: double-insulated wire with cord end terminals - 2 x 0.75 mm²; length: 30 cm
- V primary: 230 V, 50 Hz
- secondary connection: teflon wire (170 °C) - 2 x 0.75 mm²; length: 30 cm
- V secondary: 11.5 V
- min. diameter: 63.5 mm
- protection degree: IP40
- ambient temperature: 25 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III loads
- suitable for flush-mounting in furniture
- integrated thermal protection
- resettable protection against short-circuit, overload and overheating (interrupt power to reactivate the protection)
- guarantee: 4 years

COMPLETE UNIT

320-00001	Pieces: 10	Complete unit

Ferromagnetic 35 W transformer with terminal connections

This ferromagnetic transformer (35 W) is used for the connection of low-voltage loads (12 V - SELV). Both the primary and the secondary side of the transformer are equipped with two screw terminals for wire with a diameter of 6 mm². CE marking; CEBEC and ENEC approved.

- dimensions: 36 x 182 x 41 mm (HxWxD)
- weight: 1 kg
- dimmable with phase control and universal dimmers
- maximum output power: 35 W
- primary connection: 2 screw terminals of 6 mm²
- V primary: 230 V, 50 Hz
- secondary connection: 2 screw terminals of 6 mm²
- V secondary: 11.5 V
- min. diameter: 55 mm
- protection degree: IP20
- ambient temperature: 25 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III loads
- suitable for flush-mounting in furniture
- integrated thermal protection
- resettable protection against short-circuit, overload and overheating (interrupt power to reactivate the protection)
- guarantee: 4 years

COMPLETE UNIT

320-00002 Pieces: 10 Complete unit

Short circuit-resistant ferromagnetic 105 W block transformer (terminal connections)

This short circuit-resistant ferromagnetic transformer (105 W) is used for the connection of low-voltage loads (12 V - SELV). The transformer is equipped with a built-in, resettable protection. On the primary side, the transformer is equipped with two screw terminals and on the secondary side with four screw terminals for wire with a diameter of 4 mm². Incl. attachment brackets. CE marking. Complies with the EN 61558-2-6 safety standard.

- dimensions: 119 x 85.5 x 72 mm (HxWxD)
- weight: 1.9 kg
- dimmable with phase control and universal dimmers
- maximum output power: 105 W
- primary connection: 2 screw terminals of 4 mm²
- V primary: 230 V, 50 Hz
- secondary connection: 4 screw terminals of 4 mm²
- V secondary: 11.6 V
- protection degree: IP20
- ambient temperature: 25 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III loads
- resettable protection against short-circuit, overload and overheating (interrupt power to reactivate the protection)
- guarantee: 4 years

COMPLETE UNIT

320-00003 Pieces: 1 Complete unit

Ferromagnetic 150 W block transformer (terminal connections)

This ferromagnetic transformer (150 W) is used for the connection of low-voltage loads (12 V - SELV). On the primary side, the transformer is equipped with two screw terminals and on the secondary side with four screw terminals for wire with a diameter of 4 mm². Incl. attachment brackets. CE marking. Complies with the EN 61558-2-6 safety standard.

- dimensions: 133 x 95 x 80 mm (HxWxD)
- weight: 2.7 kg
- dimmable with phase control and universal dimmers
- maximum output power: 150 W
- primary connection: 2 screw terminals of 4 mm²
- V primary: 230 V, 50 Hz
- secondary connection: 4 screw terminals of 4 mm²
- V secondary: 11.6 V
- protection degree: IP20
- ambient temperature: 25 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III loads
- guarantee: 4 years

COMPLETE UNIT

320-00004 Pieces: 1 Complete unit

Ferromagnetic 200 W block transformer (terminal connections)

This ferromagnetic transformer (200 W) is used for the connection of low-voltage loads (12 V - SELV). On the primary side, the transformer is equipped with two screw terminals and on the secondary side with four screw terminals for wire with a diameter of 4 mm². Incl. attachment brackets. CE marking. Complies with the EN 61558-2-6 safety standard.

- dimensions: 142 x 107 x 90 mm (HxWxD)
- weight: 3.7 kg
- dimmable with phase control and universal dimmers
- maximum output power: 200 W
- primary connection: 2 screw terminals of 4 mm²
- V primary: 230 Vac, 50 Hz
- secondary connection: 4 screw terminals of 4 mm²
- V secondary: 11.6 V
- protection degree: IP20
- ambient temperature: 25 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III loads
- guarantee: 4 years

COMPLETE UNIT

320-00005 Pieces: 1 Complete unit

Ferromagnetic 300 W block transformer (terminal connections)

This ferromagnetic transformer (300 W) is used for the connection of low-voltage loads (12 V - SELV). On the primary side, the transformer is equipped with two screw terminals for wire with a diameter of 6 mm²; on the secondary side with four screw terminals for wire with a diameter of 6 mm². CE marking. Complies with the EN 61558-2-6 safety standard.

- dimensions: 160 x 135 x 115 mm (HxWxD)
- weight: 6.3 kg
- dimmable with phase control and universal dimmers
- maximum output power: 300 W
- primary connection: 2 screw terminals of 6 mm²
- V primary: 230 V, 50 Hz
- secondary connection: 4 screw terminals of 6 mm²
- V secondary: 11.6 V
- protection degree: IP20
- ambient temperature: 25 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III loads
- guarantee: 4 years

COMPLETE UNIT

320-00006 Pieces: 1 Complete unit

Chapter 7

Access control

7.A Digital solutions

7.B Analogue video solutions

7.C Analogue audio solutions

7.D Installation tools

7.E Bell push button

Mr. & Mrs. Niko

9:41
FRONT DOOR
Ignore
Accept

Digital solutions

Digital access control offers crystal-clear images. Would you like to connect your digital video unit to the existing wiring of your doorbell? That is now possible! Niko's 2-wire IP access control solution is ideal for people who want to switch to digital access control during their renovation, without having to make major changes to their electrical installation. And for those people building a new home, enjoy the benefits of the external video unit for Niko Home Control or the 2-wire IP technology.

ADVANTAGES

2-wire IP access control

Easy to install

- replace an existing doorbell with the 2-wire external video unit without changing the wiring
- thanks to the wide camera angle you can place the external video unit in virtually any desired position
- plug-and-play app: scan the QR code
- plug-and-play internal video unit: follow the steps on the screen

Safe and reliable

- crystal-clear video quality, even at night (infrared)
- camera keeps every visitor on screen (wide camera angle of 155°)
- connect the external video unit with your personal Niko access control account via a one-time registration
- screen your direct environment whenever you want to by using the 'peek outside' function

Easy to use

- stream live video footage to your smartphone (iOS and Android) and to the internal video unit when someone's at the door
- open the electric door lock from a distance using your smartphone
- share your Niko access control account with your family or trusted friends

Superior design

- both video units have a stylish, modern design
- the external video unit is equipped with a robust aluminium body
- the external video unit goes with every façade
- the engraved name plate lights up at night

7.A
7.B
7.C
7.D
7.E

Video kit, 2-wire, with access control module, external and internal video unit

This video kit contains:
- External video unit, 2-wire, surface-mounted, 1 button
- Access control module, 2-wire, with integrated power supply
- Internal video unit for 2-wire-based access control systems

This compact external video unit is equipped with an HD colour camera, microphone and loudspeaker. The camera with integrated infrared LEDs guarantees better visibility at night (razor-sharp black and white image). You can personalize the unit with a name plate (optionally in engravable PMMA plastic). The internal unit offers outstanding image and sound quality and allows hands-free communication with the visitor. The internal unit is equipped with a flat touch-sensitive screen, which enhances its styling and ease-of-maintenance. The door lock can be connected to the access control module (recommended) or directly to the external unit.

You can register your external video unit via the Niko access control app (Android or iOS) to enable control of the installation via your smartphone. Make sure your access control module is connected to your network router.

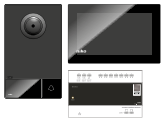
The kit can be expanded with:
- One external video unit 510-31001
- Up to 4 internal video units 510-50000

Access control module
- power: 230 Vac 50 Hz
- dimensions (HxWxD): 90 x 143.7 x 65.9 mm (8 TE)
- door lock powered: 12 V ac – 1 A
- door lock relay: 24 V – 1 A
- chime relay: 24 V – 1 A

Internal video unit
- input voltage: 230 Vac
- screen resolution: 1024 x 600
- screen size: 7”
- dimensions (HxWxD): 115 x 179 x 26.75 mm

External video unit
- camera resolution: 2 MP
- IR range: 3 m
- maximum number of door locks: 2
- door lock powered 12 V ac – 1 A
- door lock relay : 24 V – 1 A
- dimensions (HxWxD) 181.1 x 109.4 x 31.1 mm
- wide-angle camera: 155°
- housing: 3 mm aluminium
- protection degree: IP54

COMPLETE UNIT



510-01501 Pieces: 1

ACCESSORY

510-81001 Pieces: 10 Replacement nameplate + removal tool

Video kit, 2-wire, with access control module and external video unit

This video kit contains:
- External video unit, 2-wire, surface-mounted, 1 button
- Access control module, 2-wire, with integrated power supply

This compact external video unit is equipped with an HD colour camera, microphone and loudspeaker. The camera's infrared LEDs guarantee better visibility at night (razor-sharp black and white image). You can personalize the unit with a name plate (optionally in engravable PMMA plastic). The door lock can be connected to the access control module (recommended) or directly to the external video unit.

You can register your external video unit via the Niko access control app (Android or iOS) to enable control of the installation via your smartphone. Make sure your access control module is connected to your network router.

The kit can be expanded with:
- One external video unit 510-31001
- Up to 5 internal video units 510-50000

Access control module
- power: 230 Vac 50 Hz
- dimensions (HxWxD): 90 x 143.7 x 65.9 mm (8 TE)
- door lock powered: 12 V ac – 1 A
- door lock relay: 24 V – 1 A
- chime relay: 24 V – 1 A

External video unit
- camera resolution: 2 MP
- IR range: 3 m
- maximum number of door locks: 2
- door lock powered 12 V ac – 1 A
- door lock relay : 24 V – 1 A
- dimensions (HxWxD) 181.1 x 109.4 x 31.1 mm
- wide-angle camera: 155°
- housing: 3 mm aluminium
- protection degree: IP54

COMPLETE UNIT

510-01001 Pieces: 1 Video kit, 2-wire

ACCESSORY

510-81001 Pieces: 10 Replacement nameplate + removal tool

Compact 2-wire external video unit

This compact external video unit is equipped with an HD colour camera, microphone and loudspeaker. The camera with integrated infrared LEDs provides better visibility at night (razor-sharp black and white image). You can personalize the unit with a name plate (optionally in engravable PMMA plastic). The maintenance-free push-button contacts guarantee a long lifespan. The door lock can be connected to the the access control module (recommended) or directly to the external video unit.

You can receive calls from your external video unit on your smartphone via the Niko access control app (Android or iOS).

This external video unit requires the access control module 510-21400 to supply its power. Complete your access control system with the internal video unit 510-50000.

- camera resolution: 2 MP
- IR range: 3 m
- maximum number of door locks: 2
- door lock powered 12 V ac – 1 A
- door lock relay : 24 V – 1 A
- dimensions (HxWxD) 181.1 x 109.4 x 31.1 mm
- wide-angle camera: 155°
- housing: 3 mm aluminium
- protection degree: IP54

COMPLETE UNIT

510-31001 Pieces: 1

ACCESSORY

510-81001 Pieces: 10 Replacement nameplate + removal tool

7.A
7.B
7.C
7.D
7.E

Internal video unit 2-wire

This wall-mounted touchscreen allows you to communicate with callers at your door through a built-in microphone and speakers. See who is calling and unlock the door. Use the 'Peek outside' functionality to look outside whenever you want. Missed calls? A feedback LED notifies you of any unanswered calls. Check your call history of short video snippets to see who wanted to visit you.

The internal video unit is easy to install and configure. The internal video unit can only be used in combination with the access control module 510-21400 and one or maximum two 2-wire external video unit(s) 510-31001.

- wiring: 2-wire
- screen resolution: 1024 x 600
- screen size: 7"
- colour screen
- dimensions (HxWxD): 115 x 179 x 26.75 mm
- protection degree: IP20

COMPLETE UNIT

510-50000 Pieces: 1 Internal video

Access control module 2-wired

The DIN-rail access control module is the central module of the 2-wire Niko access control installation. It directly connects the external video unit(s) with the touchscreen(s) and/or the internet for use via the Niko access control app.

- The power supply module providing an input voltage of 24 V DC to the bus.
- The connection to (5) internal video units 510-50000 and (2) external video units 510-31001.
- The connection to the internet via UTP cable to the router. This enables the user to control the installation anywhere in the world (via mobile networks such as 3G, 4G or WiFi) using mobile devices (smartphones with iOS or Android). This also ensures the time stamps for all connected internal video units and mobile devices.

The module has a RESET button to restart all connected devices. Each installation must consist of one access control module. You can register your external video unit via the Niko access control app (Android or iOS) to enable control of the installation via your smartphone. Make sure your access control module is connected to your network router.

- cabling: 2 wire, AWG24 to AWG15
- power: 230 Vac 50 Hz
- dimensions (HxWxD): 90 x 143.7 x 65.9 mm (8 TE)
- door lock powered: 12 V ac – 1 A
- door lock relay: 24 V – 1 A
- chime relay: 24 V – 1 A
- protection degree: IP20

COMPLETE UNIT

510-21400 Pieces: 1 DIN-rail controller for external video unit

Analogue solutions

From an indestructible doorbell to the more sophisticated video or audio units: Niko has a wide range of internal and external units for access control. Some are even the most compact on the market. Easy to install and easy to extend.

ADVANTAGES

Compact, sustainable external video and audio units

- extremely solid: all external units are made of thick aluminium (between 3 and 7 mm)
- the surface-mounting units are only 16 to 20 mm thick
- anodised twice – resistant to all types of weather
- suitable for situations with limited space: on the frame of an outer door, on the pole of a gate or on a fence
- bright and even nameplate lighting switched by a light sensor; the nameplate is lit only when it's dark
- all external video units are equipped with a colour camera
- for mail cabinets as well as for flush-mounting and surface-mounting

Internal video and audio units with sleek design

- extreme compact design
- internal video unit with touch-sensitive controls
- internal units can be mounted on a flush-mounting box
- extended functionality

Configuration software

- easy programming
- service tool available for analysis and programming
- extendible

Suited for apartments as well as free-standing homes

7.A
7.B
7.C
7.D
7.E

Compact external video unit for surface mounting with one column of bell push buttons and colour camera, 16 mm

The solid unit for surface mounting, which is completely finished in up to 4 mm thick aluminium, is equipped with a built-in colour camera, an adjustable microphone and loudspeaker and a text field for personalisation that will only be illuminated in the dark. The colour camera is equipped with infrared LEDs for a better visibility at night. The maintenance-free, gold-plated push-button contacts guarantee a long lifespan.

- surface-mounting height: 16 mm
- ambient temperature: -20 - 50 °C
- electronic parts protected against water and corrosion
- CE marking
- memory for two serial numbers per push button
- confirmation tone for the visitor
- configurable with the Niko configuration software for access control

Colour camera specifications:

- type: Sony Super HAD CCD-sensor
- resolution: 420 horizontal TV lines
- focal length: 3.7 mm (F=2)
- light sensitivity: 0.2 lux
- video output: 1 Vpp, symmetrical
- diagonal coverage angle: 90°

COMPLETE UNIT

10-161	Pieces: 1	With 1 bell push button, 175 x 104 x 16 (19) mm (HxWxD)
10-162	Pieces: 1	With 2 bell push buttons, 175 x 104 x 16 (19) mm (HxWxD)
10-163	Pieces: 1	With 3 bell push buttons, 175 x 104 x 16 (19) mm (HxWxD)

External video unit for surface mounting with two columns of bell push buttons and colour camera, 20 mm

The solid unit for surface mounting, which is completely finished in up to 7 mm thick aluminium, is equipped with a built-in colour camera, an adjustable microphone and loudspeaker and text fields for personalisation provided with vandal proof plexiglas (5 mm thick). The colour camera is equipped with infrared LEDs for a better visibility at night. The maintenance-free, gold-plated push-button contacts guarantee a long lifespan. The unit for surface mounting has two columns of bell push buttons, and is therefore suitable for large housing complexes. This device is available with maximum 88 bell push buttons by means of the extension modules. The extension module has the same finish as the external unit. Since the module is opened at the bottom, it has to be mounted sidelong on the external unit.

- surface-mounting height: 20 mm
- electronic parts protected against water and corrosion
- CE marking
- memory for two serial numbers per push button
- confirmation tone for the visitor
- removable EEPROM memory
- configurable with the Niko configuration software for access control

Colour camera specifications:

- type: CMOS sensor
- resolution: 380 horizontal TV lines
- focal length: 2.0 mm (F=2.5)
- light sensitivity: 0 lux with IR, 1 lux without IR
- video output: 1 Vpp, symmetrical
- diagonal coverage angle: 130°

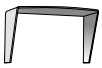
COMPLETE UNIT

10-404	Pieces: 1	With 4 bell push buttons, 166 x 135 x 20 mm (HxWxD)
10-406	Pieces: 1	With 6 bell push buttons, 185 x 135 x 20 mm (HxWxD)
10-408	Pieces: 1	With 8 bell push buttons, 204 x 135 x 20 mm (HxWxD)
10-410	Pieces: 1	With 10 bell push buttons, 223 x 135 x 20 mm (HxWxD)
10-412	Pieces: 1	With 12 bell push buttons, 242 x 135 x 20 mm (HxWxD)
10-416	Pieces: 1	With 16 bell push buttons, 280 x 135 x 20 mm (HxWxD)

EXTENSION MODULE

10-112-01	Pieces: 1	With 12 bell push buttons, 128 x 135 x 20 mm (HxWxD)
10-114-01	Pieces: 1	With 14 bell push buttons, 147 x 135 x 20 mm (HxWxD)
10-116-01	Pieces: 1	With 16 bell push buttons, 166 x 135 x 20 mm (HxWxD)
10-118-01	Pieces: 1	With 18 bell push buttons, 185 x 135 x 20 mm (HxWxD)

ACCESSORY



10-876	Pieces: 1	Protection cap, 83 x 139 x 60 mm (HxWxD)

External video unit for flush mounting with one, two or three columns of bell push buttons and colour camera

The ultraflat unit for flush mounting, which is completely finished with an aluminium front plate (3 mm thick), is equipped with a built-in colour camera, an adjustable microphone and loudspeaker and text fields for personalisation provided with vandal-proof plexiglas (5 mm thick). The maintenance-free, gold-plated push-button contacts guarantee a long lifespan. The flush-mounting box is supplied with this device (see technical information for the dimensions of the flush-mounting box).

- electronic parts protected against water and corrosion
- CE marking
- memory for two serial numbers per push button
- confirmation tone for the visitor
- removable EEPROM memory
- configurable with the Niko configuration software for access control

Colour camera specifications:

- type: CMOS-sensor
- resolution: 380 horizontal TV lines
- aperture: F2
- focal length: 2.0 mm
- light sensitivity: 0 Lux with IR on; 1 Lux with IR off
- video output: 1 Vpp, symmetrical
- diagonal capture angle: 130°

COMPLETE UNIT

10-301	Pieces: 1	With 1 bell push button, 252 x 150 x 3 mm (HxWxD)
10-302	Pieces: 1	With 2 bell push buttons, 252 x 150 x 3 mm (HxWxD)
10-303	Pieces: 1	With 3 bell push buttons, 252 x 150 x 3 mm (HxWxD)
10-304	Pieces: 1	With 4 bell push buttons, 252 x 150 x 3 mm (HxWxD)
10-306	Pieces: 1	With 6 bell push buttons, 296 x 150 x 3 mm (HxWxD)
10-308	Pieces: 1	With 8 bell push buttons, 340 x 150 x 3 mm (HxWxD)
10-310	Pieces: 1	With 10 bell push buttons, 274 x 274 x 3 mm (HxWxD)
10-312	Pieces: 1	With 12 bell push buttons, 296 x 274 x 3 mm (HxWxD)
10-314	Pieces: 1	With 14 bell push buttons, 318 x 274 x 3 mm (HxWxD)
10-316	Pieces: 1	With 16 bell push buttons, 340 x 274 x 3 mm (HxWxD)
10-318	Pieces: 1	With 18 bell push buttons, 296 x 398 x 3 mm (HxWxD)
10-321	Pieces: 1	With 21 bell push buttons, 318 x 398 x 3 mm (HxWxD)

Transponder reader for transponder keys or cards

The transponder reader is used as a door opening function, either stand-alone or as part of an access control installation. Up to 250 transponder keys (10-905-01) or cards (10-905-02) can be programmed. When reading the key or card, you receive visual and acoustic feedback. The programming of the system is password-protected. The transponder is also protected against sabotage of the device. The module is made of anodised aluminium.

The transponder reader module includes an IR remote control.

- dimensions: 153 x 104 x 16 mm (HxWxD)
- finishing colour: anodised aluminium
- mounting: surface-mounting
- ambient temperature: -25 °C to +55 °C
- protection degree: IP44
- vandal proof: yes
- power supply voltage: +24 V ±8% (18-28 V in stand-alone)
- input current (in standby): 0 mA, I(P) = 17 mA
- max input current: I(Pmax) = 40 mA
- wire technique: 2- or 3-wired
- marking: CE
- up to 250 transponder keys or cards can be programmed
- MIFARE Classic® 1K / 4K technology
- door opening function with potential-free relay contact
- visual and acoustic feedback after code is entered
- LEDs for status indication
- password protection against unauthorized configuration
- sabotage contact
- configurable with Niko configuration software for access control

COMPLETE UNIT

10-905	Pieces: 1	Transponder reader for transponder keys or cards

ACCESSORY

10-905-01	Pieces: 1	Transponder key (to be ordered separately for each project)

ACCESSORY

10-905-02	Pieces: 1	Transponder card (to be ordered separately for each project)

7.A
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7.E

Code keyboard

The code keyboard for surface mounting, which is completely made of aluminium (3 mm thick), is suitable for both indoor and outdoor applications. Up to ten different user codes can be taught to the code keyboard. Different functions can be assigned to every user code, such as a door opener function or an external relay contact. The code keyboard can be integrated in the Niko access control installation, but it can also be used as a stand-alone appliance. In combination with power supply 20 (10-801), the code keyboard can directly control a door lock. The code keyboard is illuminated by means of five blue LEDs.

- dimensions: 113 x 88 x 12 mm (HxWxD)
- power consumption: I(a) = 0.4 mA – I(Pmax) = 59 mA
- stand-alone use: 24 Vdc, 60 mA
- stand-alone output: 24 Vdc (for controlling a 24 Vdc relay, such as a relay for external audio units (10-835))
- CE marking

COMPLETE UNIT

10-901	Pieces: 1	Code keyboard

Modular external video unit for flush-mounting (full set - 4 modules)

This modular flush-mounted external unit offers an elegant and flexible solution for your projects (up to 256 housing units). The start screen of the display can be configured individually (e.g. name of the residence). The front plate is made from high-quality brushed stainless steel. This complete video set is equipped with a dome camera, audio, display and code lock module.

The dome camera module ensures excellent colour image quality, both during the day and at night. It makes it possible to activate a door call, have a conversation and open the door. Thanks to the 3 function keys on the display module, you can easily navigate through the alphabetically sorted resident list. You can also use the code lock module to navigate via the flat number.

Do you require more information and/or help with your project? Feel free to contact Niko.

Specifications of the flush-mounted unit:

- front plate dimensions: 440 x 200 x 3 mm (HxWxD)
- flush-mounting box dimensions: 420 x 180 x 50 mm (HxWxD)
- configurable with the Niko configuration software for access control

Included function modules:

- dome camera module
- speech module
- LCD display module with 3 buttons
- keypad module

COMPLETE UNIT

10-386	Pieces: 1	Modular external video unit for flush-mounting with 4 modules

Front plate and flush-mounting box for modular external unit

This modular flush-mounted series offers an elegant and flexible solution for your projects (up to 256 housing units). The front plate is constructed from high-quality, 3 mm thick brushed stainless steel, and is supplied with the accompanying metal flush-mounting box.

- available in 8 different dimensions
- can be combined with separate function modules

COMPLETE UNIT

10-351	Pieces: 1	With 1x1 module, 200 x 200 x 3 mm (HxWxD)
10-352	Pieces: 1	With 1x2 modules, 320 x 200 x 3 mm (HxWxD)
10-353	Pieces: 1	With 1x3 module, 440 x 200 x 3 mm (HxWxD)
10-354	Pieces: 1	With 1x4 modules, 560 x 200 x 3 mm (HxWxD)
10-355	Pieces: 1	With 1x5 module, 680 x 200 x 3 mm (HxWxD)
10-356	Pieces: 1	With 1x6 modules, 800 x 200 x 3 mm (HxWxD)
10-357	Pieces: 1	With 2x2 modules, 320 x 320 x 3 mm (HxWxD)

Audio module for modular external unit

The audio module makes it possible to activate a door call, have a conversation and open the door. The module is made of black anodised aluminium.

The audio module is usually used in combination with the display module (10-362).

- dimensions: 105 x 105 x 27 mm (HxWxD)
- finishing colour: black anodised aluminium
- ambient temperature: -25 °C to +55 °C
- protection degree: IP44
- vandal proof: yes
- input current in standby: I(a) = 0.2 mA, I(P) = 4 mA
- max input current: I(Pmax) = 13.5 mA
- wire technique: 3-wired
- marking: CE
- hands-free conversation (standard)
- full duplex conversation possible for internal units with receiver
- visual feedback for visitor (colour pictographs)
- error detection and indication
- integrated twilight switch
- extra clamps: yes (e.g. for connecting door opener)
- removable EEPROM memory
- configurable with Niko Configuration SW for access control

COMPLETE UNIT

10-360 Pieces: 1 Audio module for modular external unit

Dome camera module for modular external unit

The dome camera module ensures excellent colour image quality. The image sensor has a high resolution and high light sensitivity, both at day/night as well as with strong contrast or backlight. The camera has a 90° picture angle and can be adjusted both horizontally and vertically. The module is made of black anodised aluminium with an acrylic glass dome.

The dome camera module includes an integrated two-wire video transmitter (10-498).

- dimensions: 125 x 105 x 42 mm (HxWxD)
- finishing colour: black anodised aluminium and acrylic glass
- ambient temperature: -10 °C to +50 °C
- protection degree: IP44
- vandal proof: yes
- input current in standby: I(a) = 0 mA, I(P) = 60 mA
- max input current: I(Pmax) = 60 mA
- wire technique: 6-wired
- marking: CE
- camera with AGC and AWB
- image sensor: 0.8 cm (1/3") DPS
- resolution: 700 horizontal TV lines
- aperture: F1.2
- focal length: 3.6 mm
- light sensitivity: 0.01 lux
- picture angle: 90° diagonally (adjustable 60° horizontally/vertically)
- configurable with the Niko configuration software for access control

COMPLETE UNIT

10-361 Pieces: 1 Dome camera module for modular external unit

Display module for modular external unit

The display module provides an alphabetic overview of the resident list. With the 3 function keys, you can quickly and easily navigate through the list. The start screen of the display can be configured individually (e.g. name of the residence). The module is made of black anodised aluminium with a display of high-quality plastic.

The display module is usually used in combination with the audio module (10-360) and/or with the code lock module (10-363).

- dimensions: 105 x 105 x 22 mm (HxWxD)
- finishing colour: black anodised aluminium and plastic
- ambient temperature: -25 °C to +55 °C
- protection degree: IP44
- vandal proof: yes
- input current in standby: I(a) = 0.11 mA, I(P) = 7.8 mA
- max input current: I(Pmax) = 86 mA
- wire technique: 3-wired
- marking: CE
- fully graphic, monochrome display of 160 x 104 pixels
- white backlight
- data memory: up to 256 residents
- start screen individually programmable
- direct dialling possible (in combination with 10-850)
- visual error indication
- removable EEPROM memory
- configurable with Niko configuration software for access control

COMPLETE UNIT

10-362 Pieces: 1 Display module for modular external unit

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7.B
7.C
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7.E

Code lock module for modular external unit

The code lock module is used as a door opening function. Up to 20 access codes can be programmed. Upon entering the access code, you receive visual and acoustic feedback. The module is made of black anodised aluminium.

The code lock module can be used as a stand-alone solution or in combination with the audio module (10-360) and/or the display module (10-362).

- dimensions: 105 x 105 x 43 mm (HxWxD)
- finishing colour: black anodised aluminium
- ambient temperature: -25 °C to +55 °C
- protection degree: IP44
- vandal proof: yes
- input current in standby: I(a) = 0.2 mA, I(P) = 4 mA
- max input current: I(Pmax) = 17 mA
- wire technique: 6-wired
- marking: CE
- up to 20 access codes can be programmed
- door opening function with potential-free relay contact
- visual and acoustic feedback after code is entered
- LEDs for status indication
- configurable with Niko configuration software for access control

COMPLETE UNIT

10-363 Pieces: 1 Code lock module for modular external unit

Transponder reader module for modular external unit

The transponder reader module is used as a door opening function. Up to 250 transponder keys (10-905-01) or cards (10-905-02) can be programmed. When reading the key or card, you receive visual and acoustic feedback. The programming of the system is password-protected. The module is made of black plastic.

The transponder reader module includes an IR remote control.

- dimensions: 105 x 105 x 26 mm (HxWxD)
- finishing colour: black plastic
- ambient temperature: -10 °C to +50 °C
- protection degree: IP44
- vandal proof: yes
- input current in standby: I(a) = 0.1 mA, I(P) = 11 mA
- max input current: I(Pmax) = 25 mA
- power supply voltage: +24 V ±8% (18-28 V in stand-alone)
- wire technique: 2- or 3-wired
- marking: CE
- up to 250 transponder keys or cards can be programmed
- MIFARE Classic® 1K / 4K technology
- door opening function with potential-free relay contact
- visual and acoustic feedback after code is entered
- LEDs for status indication
- password protection against unauthorized configuration
- configurable with Niko configuration software for access control

COMPLETE UNIT

10-364 Pieces: 1 Transponder reader module for modular external unit

ACCESSORY

10-905-01 Pieces: 1 Transponder key (to be ordered separately for each project)

ACCESSORY

10-905-02 Pieces: 1 Transponder card (to be ordered separately for each project)

House number/info module for modular external unit

The house number/info module is used to display the house number, the name of the residence and other information. Thanks to the backlight with white LEDs the information is clearly legible, both during the day and at night. The module is made of black plastic with transparent acrylic glass.

- dimensions: 105 x 105 x 26 mm (HxWxD)
- finishing colour: black plastic with acrylic glass
- backlight with white LEDs
- ambient temperature: -25 °C to +55 °C
- protection degree: IP44
- vandal proof: yes
- input current in standby: I(a) = 0.2 mA, I(P) = 4 mA
- wire technique: 3-wired
- marking: CE

COMPLETE UNIT

10-365 Pieces: 1 House number/info module for modular external unit

Blank module for modular external unit

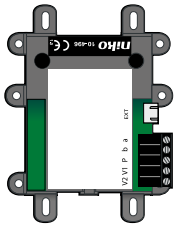
The blank module serves as a filler for the modular external unit. It can later be replaced by an extra function (e.g. code lock or transponder reader module). The module is made of black plastic with transparent acrylic glass.

- dimensions: 105 x 105 x 43 mm (HxWxD)
- finishing colour: black plastic with acrylic glass
- marking: CE

COMPLETE UNIT

10-366 Pieces: 1 Blank module for modular external unit

Colour camera module for flush mounting



The colour camera module is suitable for flush mounting into existing panels or panels of own design for door intercom or video intercom systems.This camera can be used in combination with the door loudspeaker for flush mounting 10-880-02 and extension 10-881-01.

- dimensions: 80 x 109 x 35 mm (HxWxD)
- ambient temperature: -20 - 50 °C
- CE marking
- configurable with Niko Configuration SW for access control

Colour camera specifications:

- type: Sony Super HAD CCD sensor
- resolution: 420 horizontal TV lines
- aperture: F2
- focal length: 3.6 mm
- light sensitivity: 0.1 lux
- picture angle: 70° horizontal, 50° vertical

COMPLETE UNIT

10-496 Pieces: 1 Colour camera module for flush mounting

ACCESSORY

10-896 Pieces: 1 Flush surround plate, aluminium

Slim internal video unit for surface mounting, with colour screen and touch buttons

NEW

The communication with the visitor via this compact surface-mounted unit is hands-free. The device has clear, intuitive touch buttons:

- door opener button/light switch button
- talk button
- ringtone buttons
- select image touch button
- control function for the DIN rail relay (10-831)
- 2 control functions

A menu on the screen provides access to standard functions, including the following:

- internal call
- automatic door opener
- call forwarding
- select ringtone for floor call, internal call, call from the main external unit and from an auxiliary external unit
- ringtone/speech volume and image adjustment

- dimensions: 194 x 94 x 21 mm (HxWxD)
- finishing colour: white plastics ASA
- mounting: surface-mounting
- ambient temperature: -5 °C to +40 °C
- protection degree: IP30
- input current (in standby): 0.13 mA, I(P) = 3.18 mA
- max. input current: I(Pmax) = 147 mA
- wire technique: 6-wired
- TFT screen with 8.9 cm (3.5") diagonal screen size
- configurable with the Niko configuration software for access control

COMPLETE UNIT

10-577 Pieces: 1 Slim programmable internal video unit with colour screen and touch buttons

7.A
7.B
7.C
7.D
7.E

Internal video unit for surface-mounting with colour screen and receiver

The internal video unit for surface-mounting comprises two function keys:
- door opener key
- free function key

One of the following functions can be assigned to the free function key:
- control function for the DIN rail relay (10-831)
- activating the light switch function
- calling up camera images

The device also has a switch on the side to switch the ringtone on and off, as well as a ringtone volume control.

- dimensions (without receiver): 250 x 100 x 28 mm (HxWxD)
- dimensions (with receiver): 250 x 100 x 50 mm (HxWxD)
- housing material: plastic, white
- mounting on flush-mounting socket possible
- CE marking

- TFT colour screen: 3.5 inch (8.9 cm diagonal)
- resolution: 320 x 240 pixels, RGB

- video signal input: symmetrical, 1 Vss FBAS

- parallel connection to another internal video unit possible
- 7 adjustable ringtones
- ringtone distinction for floor call, door call and internal call
- configurable with the Niko configuration software for access control

COMPLETE UNIT

10-575 Pieces: 1 Internal video unit for surface-mounting with colour screen and receiver

Internal video unit for surface mounting with colour display

The communication with the visitor through this unit for surface mounting is hands-free. The device has five function keys:
- door opener key/key for activating the light switch function
- conversation key
- key for activating and deactivating the ring signal
- key for calling up camera images
- free function key

One of the following functionalities can be assigned to the free function key:
- control function for the DIN rail relay (10-831)
- light switching
- internal call
- ring-and-come-in function
- call forwarding

The side of device has also three navigation keys to consult the menu and to run through the menu options.

- dimensions: 104 x 153 x 19 mm (HxWxD)
- TFT colour display: 68 x 50 mm (HxW)
- material: aluminium and plastic
- for flush-mounting box with conical screw fixing
- CE marking

- adjustable ring volume and image

- two indication LEDs for an engaged-line signal and a call signal
- parallel connection with another internal audio unit possible
- ring tone distinction between a floor call, a door call and an internal call
- configurable with the Niko configuration software for access control

COMPLETE UNIT

10-571 Pieces: 1 Internal video unit for surface mounting with colour display, aluminium

ACCESSORY

10-568 Pieces: 1 Table-top support, aluminium

Power supply 20

This central power supply for DIN rail mounting is suitable for door and video intercom installations. When used in door intercom installations, a maximum of 20 internal audio units (10-505) and two illuminated external audio units can be connected to the power supply. When used in video intercom installations, an additional direct current power supply (10-805-01) is always required for the displays. The power supply has bus connections, a potential-free relay contact for the light circuit (max. 24 Vdc and 1 A) and an alternating current output for the door opener (8 - 12 Vac). The front side of the power supply is provided with a programming button, a status LED (lights up when put into operation) and two potentiometers to adjust the activation time of the door opener and light circuit.

- dimensions: 90 x 72 x 70 mm (HxWxD) (DIN 4U)
- input voltage: 230 Vac
- output voltage (bus): 24 V ± 1 V
- activation time of the door opener: 0.8 - 8 s
- activation time of the light circuit: 0.5 s - 5 min
- current: 50 mA (for a two-wire connection), 130 mA (for a three-wire connection) (P wire)
- CE marking

COMPLETE UNIT

10-801	Pieces: 1	Power supply 20

Video power supply

This video power supply for DIN rail mounting is suitable for video intercom installations with one external video unit, one splitter and a maximum of 12 internal video units (only one of which can be active at any one time). If two internal video units are to be active simultaneously, the installation may only contain six internal video units. The installation can be expanded with one external audio unit, three internal audio units and one relay. The power supply has a potential-free relay contact for the light circuit (max. 24 Vdc and 1 A) and an alternating current output for the door opener (8 - 12 Vac). The front side of the power supply is provided with a programming button, a status LED (lights up when put into operation) and two potentiometers to adjust the activation time of the door opener and light circuit.

- dimensions: 90 x 105 x 70 mm (HxWxD) (DIN 6U)
- input voltage: 230 Vac
- output voltage (bus): 26 V ± 1 V
- activation time of the door opener: 0.8 - 8 s
- activation time of the light circuit: 0.8 s - 5 min
- CE marking

COMPLETE UNIT

10-806-01	Pieces: 1	Modular power supply for a video installation

Direct current power supply 2.5 A

This direct current power supply for DIN rail mounting is suitable for extensive video intercom installations. The power supply is always used in combination with power supply 20 (10-801) or power supply 100 (10-802).

- dimensions: 90 x 140 x 70 mm (HxWxD) (DIN 8U)
- input voltage: 230 V ± 15%
- output voltage: 26 V (Imax: 2.5 A)
- CE marking

COMPLETE UNIT

10-805-01	Pieces: 1	Direct current power supply 2.5 A

Relay for flush mounting

This external relay is suitable for mounting in flush mounting boxes and is used for opening a door lock. The relay can react to the door opener function without additional programming. In case several relays are used, the programming should be carried out by means of the service set.

- dimensions: 51 x 51 x 22 mm (HxWxD)
- power supply (bus): 24 V ± 1 V
- potential-free relay contact: 2 A
- CE marking

COMPLETE UNIT

10-836	Pieces: 1	Relay for flush mounting

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7.C
7.D
7.E

Universal relay for flush mounting

This external, potential-free relay is suitable for mounting in flush-mounting boxes and is equipped with a potential-free input contact that can be used as an NO or NC contact. The relay is used for the connection of an additional bell or as a light switch.

- dimensions: 51 x 51 x 22 mm (HxWxD)
- power supply (bus): 24 V ± 1 V
- potential-free relay contact: 230 Vac, 3 A
- CE marking

COMPLETE UNIT

10-837 Pieces: 1 Universal relay for flush mounting

DIN rail relay

The universal relay for DIN rail mounting (10-830) is used for the connection of an additional bell, as a light switch, … The function of both the relay output and the input contact are freely programmable.

The pre-programmed relay for DIN rail mounting (10-831) switches its relay output when the control function of the internal audio or video units is used (by means of the free function key). The input contact switches the relay output according to the pre-set switching time.

- dimensions: 85 x 18 x 65 mm (HxWxD) (DIN 1U)
- potential-free input contact
- potential-free relay contact: 230 V, 2 A
- two status LEDs for the relay output and the input contact
- switching time of the relay output: 0 - 63 s
- three-wire connection required (a, b, P)
- CE marking

COMPLETE UNIT

10-831 Pieces: 1 Pre-programmed DIN rail relay

COMPLETE UNIT

10-830 Pieces: 1 Universal DIN rail relay

Video splitter 2 for flush mounting

This video splitter for flush mounting is suitable for splitting video signals over two circuits. The video splitter is provided with an active amplifier. Depending on the number of devices, several video splitters can be included in the installation.

- dimensions: 51 x 51 x 22 mm (HxWxD)
- input current: I(a) = 0.0 mA – I(Pmax) = 60 mA
- signal amplification: 0 - +12 dB (linear)
- maximum output signal: 4 Vpp (in case of 1 Vpp at the input and a terminal resistance of 100 Ω)
- CE marking

COMPLETE UNIT

10-821-01 Pieces: 1 Video splitter 2 for flush mounting

Modular video splitter 2

This video splitter for DIN rail mounting is suitable for splitting video signals over two circuits. The video splitter is provided with active amplifiers. Depending on the number of devices, several video splitters can be included in the installation.

- dimensions: 90 x 72 x 70 mm (HxWxD) (DIN 4U)
- input current: I(a) = 0.0 mA – I(Pmax) = 75 mA
- signal amplification: 0 - +12 dB (linear)
- maximum output signal: 4 Vpp (in case of 1 Vpp at the input and a terminal resistance of 100 Ω)
- CE marking

COMPLETE UNIT

10-824-01 Pieces: 1 Modular video splitter 2

Modular video splitter 4

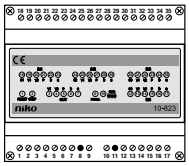
This video splitter for DIN rail mounting is suitable for splitting video signals over four circuits. The video splitter is provided with active amplifiers. Depending on the number of devices, several video splitters can be included in an installation.

- dimensions: 90 x 105 x 70 mm (HxWxD) (DIN 6U)
- input current: I(a) = 0.0 mA – I(Pmax) = 120 mA
- signal amplification: 0 - +12 dB (linear)
- maximum output signal: 4 Vpp (in case of 1 Vpp at the input and a terminal resistance of 100 Ω)
- CE marking

COMPLETE UNIT

10-822-01 Pieces: 1 Modular video splitter 4

Modular video switcher 4



This video switcher for DIN rail mounting sends the video signal coming from a maximum of four external units or external cameras to one output. Several video switchers (maximum sixteen) can be connected in cascade if more than four external units are included in an installation.

- dimensions: 90 x 105 x 70 mm (HxWxD) (DIN 6U)
- four video inputs, one video output
- input voltage: 26 V ± 8%
- maximum power consumption: 20 mA
- CE marking

COMPLETE UNIT

10-826 Pieces: 1 Modular video switcher 4-fold

Video transmitter for flush mounting

This video transmitter for flush mounting guarantees the connection between an external camera with coaxial connection and the bus. The video transmitter is supplied with power via the P wire of the bus and can be used on any location.

- dimensions: 51 x 51 x 22 mm (HxWxD)
- input impedance: 75 Ω
- output impedance: 100 Ω, symmetrical
- video signal: -10 - +4 dB
- camera power supply: 12 V, max. 250 mA
- CE marking

COMPLETE UNIT

10-498 Pieces: 1 Video transmitter for flush mounting

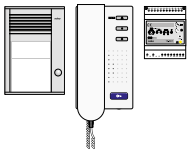
Telephone interface

This telephone interface is designed to connect the Niko access control installation to the telephone network via the a/b connection of analogue or ISDN telephone exchanges. The power supply voltage is provided via the P wire of the installation. This module is equipped with a potential-free input contact and a relay output with programmable switching time. A maximum of 64 numbers can be programmed in the memory of the telephone interface. In case more numbers are required, more telephone interfaces can be connected in parallel (up to 64).

- dimensions: 90 x 105 x 70 (HxWxD) (DIN 6U)
- CE marking
- security feature for programming mode via pin code
- control of door opener relay, light relay and a maximum of ten bus relays
- the external audio unit can be connected to the internal telephones

COMPLETE UNIT

10-850-01 Pieces: 1 Modular interface



Audio kit with 1 internal unit with receiver, surface-mounting

This audio kit with two-wire technology consists of:

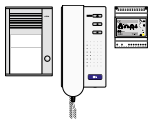
- one surface-mounting external audio unit with one bell push button (10-151)
- one compact intercom for surface-mounting (10-505)
- one power supply 20 (10-801)

The external unit is equipped with an adjustable microphone and loudspeaker and illuminated text field for personalisation. The ring volume can be adjusted and switched on and off on the internal unit. The classic receiver is used to communicate with the visitor. The door lock can be directly connected to the power supply. The kit is pre-programmed so that all you have to do is connect it.

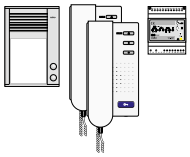
The kit can be expanded with:

- one internal audio unit (10-525) or one compact intercom for surface mounting (10-505)
- one external audio unit
- one DIN rail relay (10-831) for controlling an extra gate or enclosure
- one table-top support (10-509) for the intercom

COMPLETE UNIT



10-015 Pieces: 1 Compact audio kit



Audio kit with 2 internal units with receiver, surface-mounting

This audio kit with two-wire technology consists of:

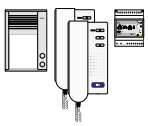
- one surface-mounting external audio unit with two bell push buttons (10-152)
- two compact intercoms for surface-mounting (10-505)
- a power supply 20 (10-801)

The external unit is equipped with an adjustable microphone and loudspeaker and illuminated text field for personalisation. The ring volume can be adjusted and switched on and off on the internal units. The classic receiver is used to communicate with the visitor. The door lock can be directly connected to the power supply. The kit is pre-programmed so that all you have to do is connect it.

The kit can be expanded with:

- two compact intercoms for surface mounting (10-505)
- one external audio unit
- one DIN rail relay (10-831) for controlling an extra gate or enclosure
- two table-top supports (10-509) for the intercoms

COMPLETE UNIT



10-055 Pieces: 1 Compact audio kit

External audio unit for surface mounting with one column of bell push buttons, 16 mm

The compact unit for surface mounting, which is completely made of aluminium, is equipped with an adjustable microphone and loudspeaker as well as text fields for personalisation provided with vandal-proof plexiglas (4 mm thick). The maintenance-free, gold-plated push-button contacts guarantee a long lifespan. The push buttons can also be used for switching the light. Thanks to the two-wire technology, an existing bell push button can easily be replaced by an external audio unit.

- surface-mounting height: 16 mm
- electronic parts protected against water and corrosion
- CE marking
- memory for two serial numbers per push button
- confirmation tone for the visitor
- removable EEPROM memory
- configurable with the Niko configuration software for access control

COMPLETE UNIT

10-151	Pieces: 1	With 1 bell push button, 153 x 104 x 16 mm (HxWxD)
10-152	Pieces: 1	With 2 bell push buttons, 153 x 104 x 16 mm (HxWxD)
10-153	Pieces: 1	With 3 bell push buttons, 153 x 104 x 16 mm (HxWxD)
10-154	Pieces: 1	With 4 bell push buttons, 153 x 104 x 16 mm (HxWxD)
10-156	Pieces: 1	With 6 bell push buttons, 197 x 104 x 16 mm (HxWxD)

External audio unit for surface mounting with two columns of bell push buttons, 20 mm

The solid unit for surface mounting, which is completely finished in up to 7 mm thick aluminium, is equipped with an adjustable microphone and loudspeaker as well as text fields for personalisation provided with vandal-proof plexiglas (5 mm thick). The maintenance-free, gold-plated push-button contacts guarantee a long lifespan. The push buttons can also be used for switching the light. The unit for surface mounting has two columns of bell push buttons, and is therefore suitable for large housing complexes. This device is available with maximum 92 bell push buttons by means of the extension modules. The extension module has the same finish as the external unit. Since the module is opened at the bottom, it has to be mounted sidelong on the external unit.

- surface-mounting height: 20 mm
- electronic parts protected against water and corrosion
- CE marking
- memory for two serial numbers per push button
- confirmation tone for the visitor
- removable EEPROM memory
- configurable avec le logiciel de configuration Niko pour le contrôle d'accès

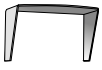
COMPLETE UNIT

10-104	Pieces: 1	With four bell push buttons, 128 x 135 x 20 mm (HxWxD)
10-106	Pieces: 1	With six bell push buttons, 147 x 135 x 20 mm (HxWxD)
10-108	Pieces: 1	With eight bell push buttons, 166 x 135 x 20 mm (HxWxD)
10-110	Pieces: 1	With ten bell push buttons, 185 x 135 x 20 mm (HxWxD)

EXTENSION MODULE

10-112-01	Pieces: 1	With 12 bell push buttons, 128 x 135 x 20 mm (HxWxD)
10-114-01	Pieces: 1	With 14 bell push buttons, 147 x 135 x 20 mm (HxWxD)
10-116-01	Pieces: 1	With 16 bell push buttons, 166 x 135 x 20 mm (HxWxD)
10-118-01	Pieces: 1	With 18 bell push buttons, 185 x 135 x 20 mm (HxWxD)

ACCESSORY



10-876	Pieces: 1	Protection cap, 83 x 139 x 60 mm (HxWxD)

External audio unit for flush mounting with one, two or three columns of bell push buttons

The ultraflat unit for flush mounting, which is completely finished with an aluminium front plate (3 mm thick), is equipped with an adjustable microphone and loudspeaker as well as text fields for personalisation provided with vandal-proof plexiglas (5 mm thick). The maintenance-free, gold-plated push-button contacts guarantee a long lifespan. The push buttons can also be used for switching the light. Thanks to the two-wire technology, an existing bell push button can easily be replaced by an external audio unit. The flush-mounting box is supplied with this device (see technical information for the dimensions of the flush-mounting box).

- electronic parts protected against water and corrosion
- CE marking
- memory for two serial numbers per push button
- confirmation tone for the visitor
- electronic parts protected against water and corrosion
- removable EEPROM memory
- configurable with the Niko configuration software for access control

COMPLETE UNIT

10-201	Pieces: 1	With 1 bell push button, 208 x 150 x 3 mm (HxWxD)
10-202	Pieces: 1	With 2 bell push buttons, 208 x 150 x 3 mm (HxWxD)
10-203	Pieces: 1	With 3 bell push buttons, 208 x 150 x 3 mm (HxWxD)
10-204	Pieces: 1	With 4 bell push buttons, 208 x 150 x 3 mm (HxWxD)
10-206	Pieces: 1	With 6 bell push buttons, 252 x 150 x 3 mm (HxWxD)
10-208	Pieces: 1	With 8 bell push buttons, 296 x 150 x 3 mm (HxWxD)
10-210	Pieces: 1	With 10 bell push buttons, 340 x 150 x 3 mm (HxWxD)
10-212	Pieces: 1	With 12 bell push buttons, 252 x 274 x 3 mm (HxWxD)
10-214	Pieces: 1	With 14 bell push buttons, 274 x 274 x 3 mm (HxWxD)
10-216	Pieces: 1	With 16 bell push buttons, 296 x 274 x 3 mm (HxWxD)
10-218	Pieces: 1	With 18 bell push buttons, 318 x 274 x 3 mm (HxWxD)
10-220	Pieces: 1	With 20 bell push buttons, 340 x 274 x 3 mm (HxWxD)
10-224	Pieces: 1	With 24 bell push buttons, 296 x 398 x 3 mm (HxWxD)
10-227	Pieces: 1	With 27 bell push buttons, 318 x 398 x 3 mm (HxWxD)

Transponder reader for transponder keys or cards

The transponder reader is used as a door opening function, either stand-alone or as part of an access control installation. Up to 250 transponder keys (10-905-01) or cards (10-905-02) can be programmed. When reading the key or card, you receive visual and acoustic feedback. The programming of the system is password-protected. The transponder is also protected against sabotage of the device. The module is made of anodised aluminium.

The transponder reader module includes an IR remote control.

- dimensions: 153 x 104 x 16 mm (HxWxD)
- finishing colour: anodised aluminium
- mounting: surface-mounting
- ambient temperature: -25 °C to +55 °C
- protection degree: IP44
- vandal proof: yes
- power supply voltage: +24 V ±8% (18-28 V in stand-alone)
- input current (in standby): 0 mA, I(P) = 17 mA
- max input current: I(Pmax) = 40 mA
- wire technique: 2- or 3-wired
- marking: CE
- up to 250 transponder keys or cards can be programmed
- MIFARE Classic® 1K / 4K technology
- door opening function with potential-free relay contact
- visual and acoustic feedback after code is entered
- LEDs for status indication
- password protection against unauthorized configuration
- sabotage contact
- configurable with Niko configuration software for access control

COMPLETE UNIT

10-905	Pieces: 1	Transponder reader for transponder keys or cards

ACCESSORY

10-905-01	Pieces: 1	Transponder key (to be ordered separately for each project)

ACCESSORY

10-905-02	Pieces: 1	Transponder card (to be ordered separately for each project)

Code keyboard

The code keyboard for surface mounting, which is completely made of aluminium (3 mm thick), is suitable for both indoor and outdoor applications. Up to ten different user codes can be taught to the code keyboard. Different functions can be assigned to every user code, such as a door opener function or an external relay contact. The code keyboard can be integrated in the Niko access control installation, but it can also be used as a stand-alone appliance. In combination with power supply 20 (10-801), the code keyboard can directly control a door lock. The code keyboard is illuminated by means of five blue LEDs.

- dimensions: 113 x 88 x 12 mm (HxWxD)
- power consumption: I(a) = 0.4 mA – I(Pmax) = 59 mA
- stand-alone use: 24 Vdc, 60 mA
- stand-alone output: 24 Vdc (for controlling a 24 Vdc relay, such as a relay for external audio units (10-835))
- CE marking

COMPLETE UNIT

10-901 Pieces: 1 Code keyboard

Modular external audio unit for flush-mounting with 3 modules

Modular external audio unit for flush-mounting with 3 modules: audio, display and code lock

This modular flush-mounted external unit offers an elegant and flexible solution for your projects (up to 256 housing units). The start screen of the display can be configured individually (e.g. name of the residence). The front plate is made from high-quality brushed stainless steel. This complete audio set is equipped with an audio, display and code lock module.

It makes it possible to activate a door call, have a conversation and open the door. Thanks to the 3 function keys on the display module, you can easily navigate through the alphabetically sorted resident list. You can also use the code lock module to navigate via the flat number.

An overview of the entire series of modular external units (mounting kits and functional modules) can be found under ‘video solutions’.

Do you require more information and/or help with your project? Feel free to contact Niko.

- front plate dimensions: 440 x 200 x 3 mm (HxWxD)
- flush-mounting frame dimensions: 420 x 180 x 50 mm (HxWxD)
- finishing colour: brushed steel; modules made of black aluminium
- protection degree: IP44
- ambient temperature: -20 °C to +50 °C
- vandal proof: yes
- input current in standby: I(a) = 0.4 mA, I(P) = 140 mA
- max input current: I(Pmax) = 245 mA
- wire technique: 3-wired
- marking: CE
- suitable for projects with up to 256 housing units
- fully graphic, monochrome display of 160 x 104 pixels
- hands-free conversation (standard); full duplex conversation possible
- visual feedback for visitor (colour pictographs)
- error detection and indication
- integrated twilight switch
- direct dialling possible (in combination with 10-850)
- extra clamps: yes (e.g. for connecting door opener)
- removable EEPROM memory
- configurable with the Niko configuration software for access control

COMPLETE DEVICE

10-286 Pieces: 1 Modular external audio unit for flush-mounting with 3 modules

Door loudspeaker for flush mounting

The door loudspeaker is suitable for flush mounting into existing panels or panels of own design for door intercom or video intercom systems. The product is equipped with an adjustable microphone and loudspeaker. The push buttons can also be used for switching the light.

- dimensions: 80 x 112 x 34 mm (HxWxD)
- CE marking
- cable length of removable microphone: 25 cm
- connection terminals for 16 bell push buttons
- memory for two serial numbers per push button
- confirmation tone for the visitor
- removable EEPROM memory
- configurable with Niko Configuration SW for access control

The door loudspeaker is expandable with up to six extension modules (10-881-01) in cascade. The small connecting cable on the extension module enables its connection with the door loudspeaker.

- dimensions: 56 x 88 x 30 mm (HxWxD)
- CE marking
- connection terminals for 32 bell push buttons
- memory for two serial numbers per push button
- removable EEPROM memory

ACCESSORY

10-881-01	Pieces: 1	Extension module

Compact intercom for surface mounting

The intercom for surface mounting has four function keys:
- door opener key
- key for switching the light
- key for activating and deactivating the ring signal
- free function key

One of the following functionalities can be assigned to the free function key:
- control function for the DIN rail relay (10-831)
- internal call
- ring-and-come-in function
- call forwarding

The table-top support is used for mounting on a table:
- dimensions: 185 x 67 x 26 mm (HxWxD)
- including a 3 m cable with RJ12 connector

- dimensions (without receiver): 180 x 100 x 23 mm (HxWxD)
- dimensions (with receiver): 204 x 100 x 50 mm (HxWxD)
- material of the housing: white plastic
- mounting on flush-mounting box possible
- CE marking

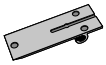
- parallel connection with another internal audio unit possible
- 13 adjustable ring tones

- ring tone distinction between a floor call, a door call and an internal call
- two indication LEDs for an engaged-line signal and a call signal
- adjustable ring and speech volume with volume control at the bottom
- configurable avec le logiciel de configuration Niko pour le contrôle d'accès

COMPLETE UNIT

10-505	Pieces: 1	Compact intercom for surface mounting, white

ACCESSORY



10-509	Pieces: 1	Table-top support, aluminium

Power supply 20

This central power supply for DIN rail mounting is suitable for door and video intercom installations. When used in door intercom installations, a maximum of 20 internal audio units (10-505) and two illuminated external audio units can be connected to the power supply. When used in video intercom installations, an additional direct current power supply (10-805-01) is always required for the displays. The power supply has bus connections, a potential-free relay contact for the light circuit (max. 24 Vdc and 1 A) and an alternating current output for the door opener (8 - 12 Vac). The front side of the power supply is provided with a programming button, a status LED (lights up when put into operation) and two potentiometers to adjust the activation time of the door opener and light circuit.

- dimensions: 90 x 72 x 70 mm (HxWxD) (DIN 4U)
- input voltage: 230 Vac
- output voltage (bus): 24 V ± 1 V
- activation time of the door opener: 0.8 - 8 s
- activation time of the light circuit: 0.5 s - 5 min
- current: 50 mA (for a two-wire connection), 130 mA (for a three-wire connection) (P wire)
- CE marking

COMPLETE DEVICE

10-801	Pieces: 1	Power supply 20

Direct current power supply 2.5 A

This direct current power supply for DIN rail mounting is suitable for extensive video intercom installations. The power supply is always used in combination with power supply 20 (10-801) or power supply 100 (10-802).

- dimensions: 90 x 140 x 70 mm (HxWxD) (DIN 8U)
- input voltage: 230 V ± 15%
- output voltage: 26 V (Imax: 2.5 A)
- CE marking

COMPLETE UNIT

10-805-01 Pieces: 1 Direct current power supply 2.5 A

Relay for external audio units

This external relay is suitable for flush mounting in all external audio units and is used for opening a door lock.

- dimensions: 20 x 26 x 6 mm (HxWxD)
- relay contact: 24 V, 2 A
- CE marking

COMPLETE UNIT

10-835 Pieces: 1 Relay for external audio units

Relay for flush mounting

This external relay is suitable for mounting in flush mounting boxes and is used for opening a door lock. The relay can react to the door opener function without additional programming. In case several relays are used, the programming should be carried out by means of the service set.

- dimensions: 51 x 51 x 22 mm (HxWxD)
- power supply (bus): 24 V ± 1 V
- potential-free relay contact: 2 A
- CE marking

COMPLETE UNIT

10-836 Pieces: 1 Relay for flush mounting

Universal relay for flush mounting

This external, potential-free relay is suitable for mounting in flush-mounting boxes and is equipped with a potential-free input contact that can be used as an NO or NC contact. The relay is used for the connection of an additional bell or as a light switch.

- dimensions: 51 x 51 x 22 mm (HxWxD)
- power supply (bus): 24 V ± 1 V
- potential-free relay contact: 230 Vac, 3 A
- CE marking

COMPLETE UNIT

10-837 Pieces: 1 Universal relay for flush mounting

DIN rail relay

The universal relay for DIN rail mounting (10-830) is used for the connection of an additional bell, as a light switch, … The function of both the relay output and the input contact are freely programmable.

The pre-programmed relay for DIN rail mounting (10-831) switches its relay output when the control function of the internal audio or video units is used (by means of the free function key). The input contact switches the relay output according to the pre-set switching time.

- dimensions: 85 x 18 x 65 mm (HxWxD) (DIN 1U)
- potential-free input contact
- potential-free relay contact: 230 V, 2 A
- two status LEDs for the relay output and the input contact
- switching time of the relay output: 0 - 63 s
- three-wire connection required (a, b, P)
- CE marking

COMPLETE UNIT

10-831 Pieces: 1 Pre-programmed DIN rail relay

COMPLETE UNIT

10-830 Pieces: 1 Universal DIN rail relay

External unit connection for up to 4 secondary external audio units

This external unit connection makes it possible to configure an access control installation with 1 main external unit and a maximum of 4 secondary external audio units. From the main external unit a call can be made to all secondary installations, and within the same secondary installation speech connections can also be established.

- dimensions: 90 x 105 x 70 mm (HxWxD) (DIN 6U)
- input voltage: 230 Vac ± 10%
- output voltage: +24 V ± 8%
- output current: I(a) = 35 mA (on the line); I(P) = 60 mA
- activation time for door opener: 3 s (standard)
- wire technique: 3-wired
- marking: CE
- possibility to use 5 external unit connections in 1 installation
- (5x4 secondary installations)

COMPLETE UNIT

10-803 Pieces: 1 External unit connection for up to 4 slave external audio units

Telephone interface

This telephone interface is designed to connect the Niko access control installation to the telephone network via the a/b connection of analogue or ISDN telephone exchanges. The power supply voltage is provided via the P wire of the installation. This module is equipped with a potential-free input contact and a relay output with programmable switching time. A maximum of 64 numbers can be programmed in the memory of the telephone interface. In case more numbers are required, more telephone interfaces can be connected in parallel (up to 64).

- dimensions: 90 x 105 x 70 (HxWxD) (DIN 6U)
- CE marking
- security feature for programming mode via pin code
- control of door opener relay, light relay and a maximum of ten bus relays
- the external audio unit can be connected to the internal telephones

COMPLETE UNIT

10-850-01 Pieces: 1 Modular interface

Niko configuration software for access control

Using Niko configuration software, you can configure your access control project offline beforehand (on laptop). You assign the bell push buttons to the right internal unit. You can set the desired parameters for most devices and units. After, you can quickly and easily upload the entire configuration into the installation, using the PC interface (10-855) which is available separately.

The Niko configuration software for access control can also be used to read an existing installation for maintenance of changing the parameters.

Download the Niko configuration software for access control via www.niko.be/NAC_Configuration_SW.

COMPLETE UNIT

10-854 Pieces: 1 Configuration Software for access control

PC interface for programming and configuration

The PC interface, in combination with the Niko configuration software for access control, is suitable to read or configure a new or existing installation and/or modify the settings of separate devices. The interface is connected to the bus via an intermediate circuit board. The connection to the PC or laptop occurs via USB.

The drivers for PC interface can be downloaded via www.niko.eu. The drivers are available for PC or laptop with a Windows operating system.

- required PC configuration: minimum Windows 98SE
- USB connection: USB 1.1 or USB 2.0

For more information and project support, please contact Niko.

COMPLETE UNIT

10-855 Pieces: 1 PC interface for programming

Service set

With this service set, a complete installation can be easily programmed by one single person. All devices can be connected with one another without requiring access to the housing units. The service set can also be used to analyse the installation or to locate an error in the installation. Thanks to the built-in call suppression, all basic functions can be tested and programmed without bothering the residents. The service set is connected to the external unit(s) or the bus using a connection plug.

- dimensions: 200 x 50 x 35 mm (HxWxD)
- special functions such as program block
- function keys (light switch key, programming key, key for testing the speech connection to the external and internal unit)
- indication of bus parameters (bus voltage, bus commands, …) on the display

COMPLETE UNIT

10-870 Pieces: 1 Service set

Bell push button

The Niko bell push button is finished with high-quality materials such as sprayed aluminium and black technical plastic. The product is excellently protected against corrosion and is suitable for variable weather conditions. The text field is large and very well illuminated. The push button is provided with contacts of top quality: a reed contact, consisting of two bar contacts in a hermetically sealed glass enclosure. The lamp has to be removed when using an electronic gong.

- dimensions: 95 x 54 x 19 mm (HxWxD)

COMPLETE UNIT

05-540	Pieces: 10	Including lamp, 12 Vac, 1 A, black/aluminium
05-540-06	Pieces: 10	Including lamp, 6 Vac, 1 A, black/aluminium
05-540-13	Pieces: 10	Including lamp, 12 Vac, 1 A, white/white
05-540-23	Pieces: 10	Including lamp, 12 Vac, 1 A, black/white

ACCESSORY

05-501-06	Pieces: 10	Lamp for bell push button, 6 Vac, 1 A
05-501-12	Pieces: 10	Lamp for bell push button, 12 Vac, 1 A

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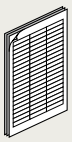
Faceplates with safety identification that cannot be lost

Faceplates with text field for easy labeling and identification.
Ideal for application in health care, retailing, office buildings, hospitals etc.

	ref. code	description	centre distance	dimensions	surface-mounting height
	120-76101	single faceplate	-	8.5 x 8.5 cm	0.85 cm
	120-76801	double faceplate vertical	71 mm	15.6 x 8.5 cm	0.85 cm
	120-76802	double fwaceplate horizontal	71 mm	8.5 x 15.6 cm	0.85 cm
	120-76701	3-fold faceplate vertical	71 mm	22.7 x 8.5 cm	0.85 cm
	120-76702	3-fold faceplate horizontal	71 mm	8.5 x 22.7 cm	0.85 cm
	120-76401	4-fold faceplate vertical	71 mm	29.8 x 8.5 cm	0.85 cm
	120-76402	4-fold faceplate horizontal	71 mm	8.5 x 29.8 cm	0.85 cm
	170-00090	label holder (to be ordered separately)			
	170-00091	label paper (to be ordered separately)			

Faceplates for use in trunking systems

Specially designed for cable trunking systems with a cover opening of 80 mm.
Particularly suited to use in e.g. health care, retail, offices, hospitals, etc.

	ref. code	description	centre distance	dimensions	surface-mounting height
	101-76101	single faceplate	-	8.0 x 8.0 cm	0.95 cm
	101-76801	double faceplate horizontal	71 mm	8.0 x 15.0 cm	0.95 cm

Faceplates								Finishing set	
		centre distance **71 mm** horizontal/vertical				centre distance **60 mm** vertical			
Niko Pure									
dimensions (cm)	8.3 x 8.3	8.3 x 15.4	8.3 x 22.5	8.3 x 29.6	8.3 x 36.7	14.3 x 8.3	20.3 x 8.3	colour	ref. code
alu grey	155-76100	155-76800	155-76700	155-76400	155-76005	155-76200	155-76300	anthracite	122-xxxxx
alu steel grey	220-76100	220-76800	220-76700	220-76400	220-76005	220-76200	220-76300	steel grey coated	220-xxxxx
alu black	158-76100	158-76800	158-76700	158-76400	158-76005	158-76200	158-76300	white coated	154-xxxxx
alu gold	221-76100	221-76800	221-76700	221-76400	221-76005	221-76200	221-76300	gold coated	221-xxxxx
steel white	154-76100	154-76800	154-76700	154-76400	154-76005	154-76200	154-76300	white coated	154-xxxxx
steel black	161-76100	161-76800	161-76700	161-76400	161-76005	161-76200	161-76300	black coated	161-xxxxx
steel champagne	157-76100	157-76800	157-76700	157-76400	157-76005	157-76200	157-76300	champagne coated	157-xxxxx
stainless steel on white	250-76100	250-76800	250-76700	250-76400	250-76005	250-76200	250-76300	white coated	154-xxxxx
stainless steel on anthracite	150-76100	150-76800	150-76700	150-76400	150-76005	150-76200	150-76300	anthracite	122-xxxxx
liquid snow white	241-76100	241-76800	241-76700	241-76400	241-76005	241-76200	241-76300	white	101-xxxxx
liquid black	242-76100	242-76800	242-76700	242-76400	242-76005	242-76200	242-76300	piano black coated	200-xxxxx
Bakelite® piano black	200-76100	200-76800	200-76700	200-76400	200-76005	200-76200	200-76300	piano black coated	200-xxxxx
natural soft grey	159-76100	159-76800	159-76700			159-76200	159-76300	anthracite	122-xxxxx
natural red	152-76100	152-76800	152-76700			152-76200	152-76300	anthracite	122-xxxxx
bamboo	156-76100	156-76800	156-76700	156-76400	156-76005	156-76200	156-76300	anthracite	122-xxxxx
dark bamboo on anthracite	256-76100	256-76800	256-76700	256-76400	256-76005	256-76200	256-76300	anthracite	122-xxxxx
dark bamboo on gold	257-76100	257-76800	257-76700	257-76400	257-76005	257-76200	257-76300	gold coated	221-xxxxx
Niko Intense									
dimensions (cm)	8.5 x 8.5	8.5 x 15.6	8.5 x 22.7	8.5 x 29.8	8.5 x 36.7	14.5 x 8.5	20.5 x 8.5	colour	ref. code
white	120-76100	120-76800	120-76700	120-76400	120-76005	120-76200	120-76300	white	101-xxxxx
sterling	121-76100	121-76800	121-76700	121-76400	121-76005	121-76200	121-76300	sterling	121-xxxxx
bronze	123-76100	123-76800	123-76700	123-76400	123-76005	123-76200	123-76300	bronze	123-xxxxx
dark brown	124-76100	124-76800	124-76700	124-76400	124-76005	124-76200	124-76300	dark brown	124-xxxxx
anthracite	122-76100	122-76800	122-76700	122-76400	122-76005	122-76200	122-76300	anthracite	122-xxxxx
matt black	130-76100	130-76800	130-76700	130-76400	130-76005	130-76200	130-76300	black coated	161-xxxxx
Niko Original									
dimensions (cm)	8.3 x 8.3	8.3 x 15.4	8.3 x 22.5	8.3 x 29.6	8.3 x 36.7	14.3 x 8.3	20.3 x 8.3	colour	ref. code
cream	100-76100	100-76800	100-76700	100-76400	100-76005	100-76200	100-76300	cream	100-xxxxx
white	101-76100	101-76800	101-76700	101-76400	101-76005	101-76200	101-76300	white	101-xxxxx
light grey	102-76100	102-76800	102-76700	102-76400	102-76005	102-76200	102-76300	light grey	102-xxxxx
greige	104-76100	104-76800	104-76700	104-76400	104-76005	104-76200	104-76300	greige	104-xxxxx

Bakelite® is a registered trademark of Hexion GmbH

Niko designs electr(on)ic solutions to enhance buildings to better suit the needs of the people who live and work in them. By using less energy, by improving light comfort and safety and by making sure all applications work together seamlessly. Buildings with Niko are more efficient, are controllable from a distance and interact within bigger ecosystems. Niko is a Belgian family business from Sint-Niklaas with 700 employees and 10 European branches.

At Niko, there is one question that keeps us busy every day: “How can we enhance buildings to better suit your needs?”

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