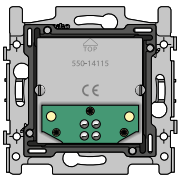

HAVE
a
Wonderful
DAY

Niko Home Control



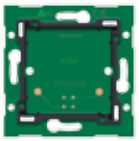
Simple wall-mounted printed circuit board with bridge

The wall-mounted printed circuit board enables you to connect a control to the installation. You mount the wall-mounted printed circuit board onto an existing flush-mounting box or on very uneven walls. Several wall-mounted printed circuit boards with bridge can be clicked together. The wall-mounted printed circuit board with bridge can be combined with all Niko flush-mounting mechanisms.

- 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

COMPLETE UNIT

550-14115	Pieces: 6	Simple wall-mounted printed circuit board with bridge



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.

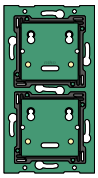
- double plug-in connector: possible connection of two wires per contact, each with a diameter of 0.5 to 1 mm
- mounting of push button: click mechanism
- wall mounting: screws or a set of claws

COMPLETE UNIT

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

ACCESSORIES

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



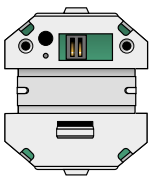
Multiple wall-mounted printed circuit board to be used with connection unit

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 flush surround plates. 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

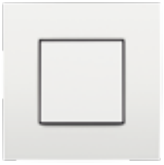
ACCESSORIES

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

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

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

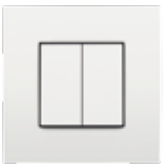
The single push button includes one action button. This action button allows the resident to control a light point or a light circuit, brighten or dim a dimmable light point or activate a mood setting. The action button is equipped with an amber indication LED to indicate the status of the action. You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

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.

COMPLETE UNIT

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		

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, sun blinds 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, sun blinds 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, sun blinds 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, sun blinds 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		

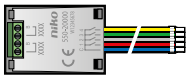
Ventilation control with leds

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		

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 condition that the splash proof 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, sun blinds, 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 mounting with claws, centre distance 60 mm
550-13041	Pieces: 6	For mounting with screws, centre distance 71 mm
550-13042	Pieces: 6	For mounting with screws, 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 mounting with claws, centre distance 60 mm
550-13081	Pieces: 6	For mounting with screws, centre distance 71 mm
550-13082	Pieces: 6	For mounting with screws, 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).

- 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 mounting with claws, centre distance 60 mm
550-13051	Pieces: 6	For mounting with screws, centre distance 71 mm
550-13052	Pieces: 6	For mounting with screws, centre distance 60 mm

Touchscreen

NEW

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 sun blinds 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 from now on. This way, you can answer incoming calls if you wish, and check missed calls. A feedback LED displays any missed calls, even when the device is in stand-by 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 new 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 touchscreens, smartphone or PC applications can be used per installation.

- power supply voltage: 24 V DC (± 10%) (SVV, JYSTY, TPVF, UTP, etc.) or Power over Ethernet (PoE) (UTP, STP, FTP) (48 V DC)
- electricity consumption: 500 mA (24 V DC) 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)

COMPLETE DEVICE

550-20102	Pieces: 1	Touchscreen

COMPLETE UNIT

550-00501	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 name plate 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 via the external video unit. You can then use a smartphone or tablet as an additional external video unit if both the installation 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

NEW **550-22001** Pieces: 1 — 1 illuminated touch button

NEW **550-22002** Pieces: 1 — 2 illuminated touch buttons

COMPLETE UNIT

550-21004 Pieces: 12 — 4 touch buttons (not illuminated)

COMPLETE UNIT

550-00501 Pieces: 1 — PoE power supply

ACCESSORIES

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

Indoor motion detector

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: 8 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

BASE

550-20210 Pieces: 6 — For claw fixing, centre distance 60 mm

550-20211 Pieces: 6 — For screw fixing, centre distance 71 mm)

550-20212 Pieces: 6 — For screw fixing, centre distance 60 mm

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

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

360° Mini detector for Niko Home Control

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: 13,3 x 36 mm (HxW), 62,6 x 36 mm (HxW) (incl. invisible part)
- idling voltage: 26 V DC (SELV, safety extra-low voltage)
- power consumption: 0,1 W / 5 mA (10 Niko Home Control points)
- detection angle: 360°
- detection range: circle, maximum 9,5 m at a height of 3 m (sensitivity set to high)
- connection: cable 50 cm, 2 x 0,5 mm² (featuring cord end terminals of 8,8 mm long and a diameter of 1 mm)
- mounting height: 2 - 3 m
- drill diameter: 30 mm
- light sensitivity: 2 – 25.000 lux
- switch-off delay: 1 - 60 min
- protection degree: IP65
- ambiant temperature: -20 °C - 50 °C
- marking : CE marked

COMPLETE UNIT

550-20220 Pieces: 1 Complete unit

Outdoor motion detector (white)

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.

- resting potential: 26 Vdc (SELV, safety extra-low voltage)
- detection angle: 180°
- detection range: semi-circular, up to 14 m (at a height of 2.5 m)
- light sensitivity: 5 lux - infinite
- hysteresis on light sensitivity: +10%
- switch-off delay: 8 s - 30 min
- mounting height: 2.5 m
- cable inlet: 2 x 12.5 mm
- protection degree: IP54
- ambient temperature: -20 - 45 °C
- CE marked
- in conformity with EN60669-2-1

COMPLETE UNIT

550-20200 Pieces: 1 Complete unit

ACCESSORIES

390-20050 Pieces: 1 Ceiling mounting bracket

Outdoor motion detector (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.

- resting potential: 26 Vdc (SELV, safety extra-low voltage)
- detection angle: 180°
- detection range: semi-circular, up to 11 m (at a height of 2.5 m)
- light sensitivity: 5 lux - infinite
- hysteresis on light sensitivity: +10%
- switch-off delay: 8 s - 30 min
- mounting height: 2.5 m
- cable inlet: 2 x 12.5 mm
- protection degree: IP54
- ambient temperature: -20 - 45 °C
- CE marked
- in conformity with EN60669-2-1

COMPLETE UNIT

550-20201 Pieces: 1 Complete unit

ACCESSOIRES

390-20150 Pieces: 10 Ceiling mounting bracket

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 Complete unit

Twilight switch, 24 V, one channel (4 A)

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 Complete unit

Motion detector, 90°, 24 V DC, 0.5 - 22 m

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.

- power supply voltage: 24 V DC ± 10 %
- dimensions (HxWxD): 67 x 52 x 34 mm
- power consumption: < 5 mA
- relay contact: on/off (NPN transistor)
- wire input: 2 x 2 x 0.6 mm²
- detection angle: 90°
- detection range: up to 22 m in diameter at a height of 3 m
- protection degree: IP20
- mounting height: max. 3 m
- ambient temperature: -20 - +50 °C
- mounting: surface-mounting

COMPLETE UNIT

350-30010 Pieces: 1 Complete unit

ACCESSORIES

390-20010 Pieces: 10 IP54 protection cap

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

Motion detector 90°, 24 V DC, 0.5 - 22 m, with potential-free contact

NEW

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).

- power supply voltage: 24 V DC ± 10 %
- dimensions (HxWxD): 67 x 52 x 34 mm
- relay contact: reed relay, NO. (max. 48 V / 0.2 A), potential-free
- minimum power consumption: 4 mA (when idle)
- maximum power consumption: 18 mA
- detection angle: 90°
- protection degree: IP20
- mounting height: 2 - 3 m
- detection range: up to 22 m
- switch-off delay: 2 sec, 30 sec or 30 min
- ambient temperature: -20 °C - +50 °C
- mounting: surface-mounting

COMPLETE UNIT

350-41279	Pieces: 1	Complete unit

ACCESSORIES

390-20010	Pieces: 10	IP54 protection cap

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

Motion detector 360°, 24 V, with potential-free contact, for surface mounting

NEW

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 HV AC, 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.

- power supply voltage: 24 V AC/V DC ± 10 %
- relay contact: reed relay, NO. (max 48 V / 0.2 A), potential-free
- minimum power consumption: 4 mA (when idle at 24 V DC)
- maximum power consumption: 20 mA (at 24 V AC)
- detection angle: 360°
- detection range: 12 m maximum diameter
- switch-off delay: 30 sec – 60 min
- protection degree: IP20
- mounting height: 2.5 - 4 m
- ambient temperature: -5 °C - +50 °C
- mounting: surface mounting

COMPLETE UNIT

350-41549	Pieces: 1	Complete unit

NEW

Connected controller

Connected controller

The connected controller is the central module of every Niko Home Control installation. 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 WiFi 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
- 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

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

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.

- 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 (max. 10) and dimmable economy lamps CFLi (max. 10). 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
- connect maximum 10 CFLi lamps or dimmable LED lamps
- 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)

Motor module

The motor module can operate up to three applications that are motor-controlled, such as roll-down shutters, sun blinds 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 allows the resident to measure the consumption or the production on one switching circuit or phase. The module is suitable for measuring the total consumption or total production in homes connected to a single-phase supply network. You attach the accompanying current clamp by clipping it around the conductor of the circuit or phase to be measured (measurement of current) and you use the connection terminals to establish a connection with the circuit or phase to be measured (measurement of voltage). By measuring both current and voltage, you obtain accurate measurements. 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.

- 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 mm^2 or 6 x 2.5 mm^2 or 9 x 1.5 mm^2
- maximum cable thickness for current clamp 550-00809: 4 x 10 mm^2 or 12 x 2.5 mm^2 or 20 x 1.5 mm^2
- 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

ACCESSORIES

550-00809 Pieces: 1 Current clamp 120 A

Electricity measuring module (3 channels)

This module allows the resident to measure the consumption or the production on several switching circuits or phases. The module is suitable for measuring the total consumption or total production in homes connected to a single-phase supply network, a three-phase supply network 3N 400 Vac or a three-phase supply network 3 x 230 Vac (if this network can be divided into three single-phase circuits). The resident can also measure part of the installation, e.g. the production of photovoltaic solar panels, the consumption of some circuits (such as the upper floor of a house) or a specific device (heavy electricity user). You attach the three accompanying current clamps by clipping it around the conductors of the circuits or phases to be measured (measurement of current) and you use the connection terminals to establish a connection with the circuits or phases to be measured (measurement of voltage). By measuring both current and voltage, you obtain accurate measurements. 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.

- 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 mm^2 or 6 x 2.5 mm^2 or 9 x 1.5 mm^2
- maximum cable thickness for current clamp 550-00809: 4 x 10 mm^2 or 12 x 2.5 mm^2 or 20 x 1.5 mm^2
- 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

ACCESSORIES

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 mm^2 or 2 x 2.5 mm^2 or 1 x 4 mm^2
- 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.

- 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, 65-412, 65-416 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, 65-412, 65-416, 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 sun blinds, 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

RF interface Easywave

This RF interface Easywave allows you to use the Niko wireless controls that operate according to the Easywave protocol (except for remote control 05-312) in the Niko Home Control installation. This module can receive radio signals (Easywave), which allows for the use of these controls:
- where this would not normally be possible, e.g. on glass or concrete surfaces.
- 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.

- one RF interface Easywave per installation
- use with the external antenna supplied
- position the antenna on a metal surface of at least 15 x 15 cm
- reception range: ± 30 m indoors, 100 m in open spaces
- 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

550-00610 Pieces: 6 RF interface Easywave

Nikobus interface

The Nikobus interface allows you to expand the Nikobus installation by adding functions of the Niko Home Control installation. Note that programming via PC must be enabled within the Nikobus installation, i.e. at least PC Link, PC Logic or a feedback module is required.

This module is only suited for use in a Niko Home Control I installation.

- connection of Nikobus to two screw terminals (B1 and B2)
- dimensions: DIN 2U
- sliding contact to connect the module to the following module on the DIN rail
- 2 screw terminals for 3 x 1.5 mm^2 or 2 x 2.5 mm^2 or 1 x 4 mm^2
- CE marked
- in conformity with EN60669-2-1
- ambient temperature: 0 - 45 °C
- short-circuit and overheating protection

COMPLETE UNIT

550-00505 Pieces: 10 Nikobus interface

NEW

Programming software Niko Home Control II

You programme the installation with the programming software. The new software is even more user-friendly, intuitive and structured very visually. The software can be downloaded for free from www.niko.eu. The software is available for Windows and Mac.

NIKO HOME CONTROL II PROGRAMMING SOFTWARE

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

NEW

Control app for smartphone or tablet

With this app you can use your smartphone or tablet (tablet version available from Q2 2018) indoors and outdoors as the central control of your Niko Home Control II installation. Install this app on an iPhone, iPad or Android smartphone or tablet. Your connected controller and mobile device must both be connected to the internet (via WiFi, 3G, 4G, GPRS) to use the app. You can control all the functionality of your Niko Home Control installation through a modern and user-friendly interface. You can use the app for switching lighting and socket outlets, dimming lighting, controlling roller shutters and sun blinds as well as for activating atmospheres and switching your heating and ventilation. The app also informs you about your home's electricity, gas and water consumption. This app also allows you to answer calls from your external video unit when you're not home. You can see the visitor, talk to them and open your door remotely if necessary. 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 in access control installations. You can download the app for free from the app store.

NIKO HOME CONTROL II CONTROL APP

550-92102	Pieces: 1	Niko Home Control II control app for iOS
550-92202	Pieces: 1	Niko Home Control II control app for Android