Analogue control module 1-10 V for Niko Home Control

550-00241

4 year warranty



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.

This article is protected by at least one patent (or patent application). For more info on patents, see www.niko.eu/innovation.

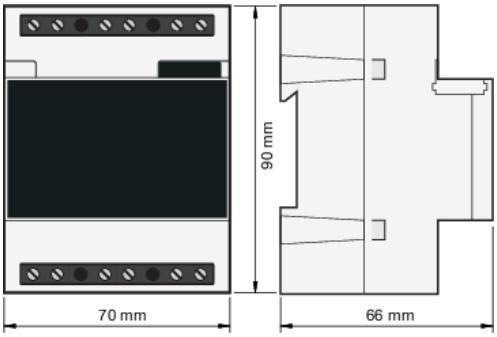
Technical data

Analogue control module 1-10 V for Niko Home Control.

- Function: 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, 330-00701. The output will send a signal between 1 and 10 V to control the connected dimmer/electronic control gear, which allows programmed actions or scene settings to be activated. By pressing the corresponding button, the status of each output can be changed manually and temporarily to connect a light. Please remember that the activation or deactivation is only temporary as it will be overruled by the next bus communication. The distance between the dimmers and the module should not exceed 50 m. A maximum of three dimmers can be connected per module. When the module is functioning properly, the STATUS LED will light up in TEST mode only. If one or several errors occur, the LED will blink to indicate the error code of the error with the highest priority.
- 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)

- NHC version: Niko Home Control II
- Compatible with: connected controller
- Commissioning method 1: Niko Home Control programming software
- Sliding contact: Sliding contact to connect the module to the following module on the DIN rail
- Input voltage: 230 Vac
- Maximum MCB rating: 16 A (limited by national installation rules)
- Number of terminals: 2 x 6 screw terminals
- Terminals wire capacity: 3 x 1.5 mm² or 2 x 2.5 mm² or 1 x 4 mm²
- DIN dimensions: 4U
- Width: 70 mm
- Marking: CE

Dimensions



Wiring diagram

