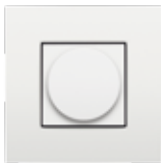






Lighting and control



Universal rotary dimmer 5 - 325 W, 3 wire

Dimmer for incandescent lamps, 230 V halogen lamps, all low-voltage halogen lamps, dimmable economy lamps and dimmable LED lamps.

- 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)
- 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 (max. 10)
- ferromagnetic transformer: 20 - 325 W
- toroidal core transformer: 20 - 325 W
- electronic transformer: 20 - 325 W
- 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

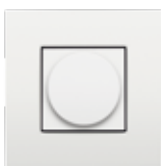


310-01901 Pieces: 6 With screw terminals, for screw fixing

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.

- up to five extensions per universal rotary dimmer plus 5 - 325 W (310-01900)
- power supply voltage: 230 Vac \pm 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			

Rotary dimmer 500 VA, 2 wire

Dimmer for incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with ferromagnetic transformer or toroidal core transformer.

- to be used for single-pole, two-way or intermediate switching
- built-in two-way switch
- power supply voltage: 230 Vac \pm 10%, 40 - 60 Hz
- incandescent lamps: 500 W
- 230 V halogen lamps: 400 W
- ferromagnetic transformer: 500 VA
- toroidal core transformer: 200 VA
- minimum load: 50 VA
- overload protection with automatic reset function
- short-circuit protection via fuse
- built-in spare fuse
- connection terminals: 2 x 1.5 mm² or 1 x 2.5 mm²
- ambient temperature: 20 °C

**BASE**

310-01600 Pieces: 6 With screw terminals and claws



310-01601 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			

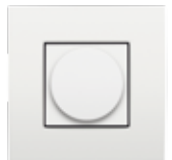
ACCESSORIES

310-00001 Pieces: 10 Fuse holder for rotary dimmers

Rotary dimmer 320 VA, 2 wire

Dimmer for incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with electronic transformer.

- to be used for single-pole, two-way or intermediate switching
- built-in two-way switch
- power supply voltage: 230 Vac \pm 10%, 50 Hz \pm 1 Hz
- incandescent lamps: 250 W
- 230 V halogen lamps: 250 W
- electronic transformer: 320 VA
- minimum load: 20 W/35 VA
- hum-free
- powerline communication interference suppression
- 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: 20 °C

**BASE**

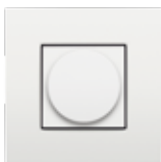
310-01700 Pieces: 6 With screw terminals and claws



310-01701 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			



Rotary dimmer 420 W, 2 wire

Dimmer for incandescent lamps and 230 V halogen lamps.

- to be used for single-pole, two-way or intermediate switching
- built-in two-way switch
- power supply voltage: 230 Vac \pm 10%, 40 - 60 Hz
- incandescent lamps: 420 W
- 230 V halogen lamps: 300 W
- minimum load: 60 W
- overload protection with automatic reset function
- short-circuit protection via fuse
- built-in spare fuse
- connection terminals: 2 x 1.5 mm² or 1 x 2.5 mm²
- ambient temperature: 20 °C



BASE



310-01400 Pieces: 6 With screw terminals and claws



310-01401 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET



100-31000 Pieces: 10

104-31000 Pieces: 10

123-31000 Pieces: 10

157-31000 Pieces: 10

220-31000 Pieces: 10

101-31000 Pieces: 10

121-31000 Pieces: 10

124-31000 Pieces: 10

161-31000 Pieces: 10

221-31000 Pieces: 10

102-31000 Pieces: 10

122-31000 Pieces: 10

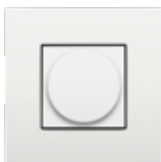
154-31000 Pieces: 10

200-31000 Pieces: 10

ACCESSORIES



310-00001 Pieces: 10 Fuse holder for rotary dimmers



Rotary dimmer 300 W, 2 wire

Dimmer for incandescent lamps and 230 V halogen lamps.

- to be used for single-pole, two-way or intermediate switching
- built-in two-way switch
- power supply voltage: 230 Vac \pm 10%, 40 - 60 Hz
- incandescent lamps: 300 W
- 230 V halogen lamps: 250 W
- minimum load: 60 W
- overload protection with automatic reset function
- short-circuit protection via fuse
- built-in spare fuse
- connection terminals: 2 x 1.5 mm² or 1 x 2.5 mm²
- ambient temperature: 20 °C

BASE



310-01300 Pieces: 6 With screw terminals and claws



310-01301 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET



100-31000 Pieces: 10

104-31000 Pieces: 10

123-31000 Pieces: 10

157-31000 Pieces: 10

220-31000 Pieces: 10

101-31000 Pieces: 10

121-31000 Pieces: 10

124-31000 Pieces: 10

161-31000 Pieces: 10

221-31000 Pieces: 10

102-31000 Pieces: 10

122-31000 Pieces: 10

154-31000 Pieces: 10

200-31000 Pieces: 10

ACCESSORIES



310-00001 Pieces: 10 Fuse holder for rotary dimmers

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.

- to be used for single-pole switching
- built-in single-pole switch (max. 2 A)
- power supply voltage: 230 Vac \pm 10%, 50 Hz \pm 1 Hz
- 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

104-31000 Pieces: 10

123-31000 Pieces: 10

157-31000 Pieces: 10

220-31000 Pieces: 10



101-31000 Pieces: 10

121-31000 Pieces: 10

124-31000 Pieces: 10

161-31000 Pieces: 10

221-31000 Pieces: 10



102-31000 Pieces: 10

122-31000 Pieces: 10

154-31000 Pieces: 10

200-31000 Pieces: 10

DALI potentiometer

This DALI potentiometer or DALI slave dimmer is used to control DALI controlled light luminaires. The dimmer can be set to control 15 DALI groups or zones 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). 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/zones: 15 separately or all at once
- dimming speed: adjustable
- connection terminals: 2 x 2.5 mm²
- ambient temperature: +5 °C +50 °C
- power consumption: 6 mA



NEW

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

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



NEW

Universal push button dimmer 3 - 300 W, 2 wire

Dimmer for incandescent lamps, 230 V halogen lamps, all low-voltage halogen lamps and dimmable LED 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
- incandescent lamps: 3 - 300 W
- 230 V halogen lamps: 3 - 300 W
- dimmable LED lamps: 3 - 200 W (max. 10)
- ferromagnetic transformer: 20 - 300 W
- toroidal core transformer: 20 - 300 W
- electronic transformer: 20 - 300 W
- 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



NEW

310-02900

Pieces: 6

With screw terminals and claw fixing



NEW

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.

- to be used with or without light value memory
- up to 30 control points with NO push buttons, also when replacing single-pole, two-way or intermediate switching
- 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 W
- 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

Universal push-button dimmer 450 VA, 2 wire

Dimmer for incandescent lamps, 230 V halogen lamps and all types of low-voltage halogen lamps.

- to be used with or without light value memory
- up to 30 control points with NO push buttons, also when replacing single-pole, two-way or intermediate switching
- power supply voltage: 230 Vac \pm 10%, 50 Hz, \pm 1 Hz
- incandescent lamps: 450 W
- 230 V halogen lamps: 450 W
- ferromagnetic transformer: 450 VA
- toroidal core transformer: 450 VA
- electronic transformer: 450 VA
- minimum load: 40 W/40 VA
- hum-free
- powerline communication interference suppression
- 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: 20 °C

**BASE**

310-02700 Pieces: 6 With screw terminals and claws



310-02701 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET

100-31001 Pieces: 10

104-31001 Pieces: 10

123-31001 Pieces: 10

157-31001 Pieces: 10

220-31001 Pieces: 10

101-31001 Pieces: 10

121-31001 Pieces: 10

124-31001 Pieces: 10

161-31001 Pieces: 10

221-31001 Pieces: 10

102-31001 Pieces: 10

122-31001 Pieces: 10

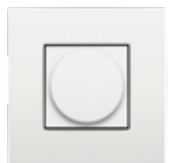
154-31001 Pieces: 10

200-31001 Pieces: 10

Universal rotary dimmer 3 - 300 W, 2 wire

Dimmer for incandescent lamps, 230 V halogen lamps, all low-voltage halogen lamps, dimmable economy lamps and dimmable LED lamps, 2 wired.

- 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: 3 - 300 W
- 230 V halogen lamps: 3 - 300 W
- dimmable LED lamps: 3 - 200 W (max. 10)
- ferromagnetic transformer: 20 - 300 W
- toroidal core transformer: 20 - 300 W
- electronic transformer: 20 - 300 W
- 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



NEW



NEW 310-03900 Pieces: 1 With screw terminals and claws



NEW 310-03901 Pieces: 1 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

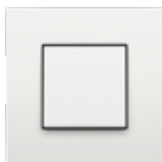
221-31003 Pieces: 10

102-31003 Pieces: 10

122-31003 Pieces: 10

154-31003 Pieces: 10

200-31003 Pieces: 10



Push-button dimmer 550 VA, 2 wire

Dimmer for incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with ferromagnetic transformer or toroidal core transformer.

- to be used with or without light value memory
- up to 30 control points with NO push buttons, also when replacing single-pole, two-way or intermediate switching
- power supply voltage: 230 Vac \pm 10 %, 40 - 60 Hz
- incandescent lamps: 550 W
- 230 V halogen lamps: 550 W
- ferromagnetic transformer: 550 VA
- toroidal core transformer: 550 VA
- minimum load: 40 W/35 VA
- powerline communication interference suppression
- overload protection with automatic reset function
- short-circuit protection via fuse
- built-in spare fuse
- connection terminals: 2 x 1.5 mm² or 1 x 2.5 mm²
- ambient temperature: 20 °C



BASE



310-02600 Pieces: 6 With screw terminals and claws



310-02601 Pieces: 6 With screw terminals, for screw fixing

FINISHING SET



	100-31001	Pieces: 10
	104-31001	Pieces: 10
	123-31001	Pieces: 10
	157-31001	Pieces: 10
	220-31001	Pieces: 10

	101-31001	Pieces: 10
	121-31001	Pieces: 10
	124-31001	Pieces: 10
	161-31001	Pieces: 10
	221-31001	Pieces: 10

	102-31001	Pieces: 10
	122-31001	Pieces: 10
	154-31001	Pieces: 10
	200-31001	Pieces: 10

ACCESSORIES



04-613-32 Pieces: 10 Fuse holder for push-button dimmer 310-026XX

**Universal modular dimmer PLC interference suppression 5 - 350 W**

Dimmer for all types of lamps: incandescent lamps, 230 V halogen lamps, all types of low-voltage halogen lamps, dimmable economy and LED lamps and low-voltage LED 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 \pm 10%, 50 Hz
- incandescent lamps: 5 - 350 W
- 230 V halogen lamps: 5 - 350 W
- ferromagnetic transformer: 20 - 350 W
- toroidal core transformer: 20 - 350 W
- electronic transformer: 20 - 350 W
- economy lamps: 5 - 200 W (max. 10)
- LED lamps: 5 - 200 W (max. 10)
- 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: \pm 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: incandescent lamps, 230 V halogen lamps, all types of low-voltage halogen lamps, dimmable economy and LED lamps and low-voltage LED 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 \pm 10%, 50 Hz
- 0-10 V input impedance: 33 k Ω
- 1-10 V input impedance: 22 k Ω
- incandescent lamps: 5 - 350 W
- 230 V halogen lamps: 5 - 350 W
- ferromagnetic transformer: 20 - 350 W
- toroidal core transformer: 20 - 350 W
- electronic transformer: 20 - 350 W
- economy lamps: 5 - 200 W (max. 10)
- LED lamps: 5 - 200 W (max. 10)
- 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: \pm 70 g

**COMPLETE UNIT****330-00701**

Pieces: 10

Complete unit

Universal modular dimmer 400 VA

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 (230 Vac). Up to 30 push buttons in parallel. Use with or without memory function. In compliance with the European directives for EMC and safety EN60669-2-1.



- power supply voltage: 230 Vac \pm 10%, 50 Hz \pm 1 Hz
- incandescent lamps: 400 W
- 230 V halogen lamps: 400 W
- ferromagnetic transformer: 400 VA
- toroidal core transformer: 400 VA
- electronic transformer: 400 VA
- minimum load: 40 W/40 VA
- hum-free
- 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: \pm 74 g



COMPLETE UNIT

**05-703**

Pieces: 10

Complete unit

Modular dimmer 450 VA

Dimmer for incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with ferromagnetic transformer or toroidal core transformer. Control via an NO push button (230 Vac). Up to 30 push buttons in parallel. Use with or without memory function. In compliance with the European directives for EMC and safety EN60669-2-1.



- power supply voltage: 230 Vac \pm 10%, 40 - 60 Hz
- incandescent lamps: 450 W
- 230 V halogen lamps: 450 W
- ferromagnetic transformer: 450 VA
- toroidal core transformer: 450 VA
- minimum load: 40 W/50 VA
- overload protection with automatic reset function
- short-circuit protection through fuse
- 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: \pm 94 g



COMPLETE UNIT

**05-704**

Pieces: 10

Complete unit

05-704-19

Pieces: 1

Set of 10 modular dimmers

10x

ACCESSORIES

**09-794-31**

Pieces: 10

Fuse holder for dimmer 05-704



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 \pm 10%, 50 Hz \pm 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: \pm 144 g

Replaces 05-707



COMPLETE UNIT



05-715

Pieces: 10

Complete unit



Modular dimmer 1000 VA

Dimmer for incandescent lamps, 230 V halogen lamps and low-voltage halogen lamps with ferromagnetic transformer or toroidal core transformer. Control via an NO push button (230 Vac). Up to 30 push buttons in parallel. Use with or without memory function. In compliance with the European directives for EMC and safety EN60669-2-1.

- power supply voltage: 230 Vac \pm 10%, 40 - 60 Hz
- incandescent lamps: 1000 W
- 230 V halogen lamps: 1000 W
- ferromagnetic transformer: 1000 VA
- toroidal core transformer: 1000 VA
- minimum load: 50 W/40 VA
- overload protection with automatic reset function
- short-circuit protection through fuse
- two built-in spare fuses
- powerline communication interference suppression
- connection terminals: 2 x 1.5 mm² or 1 x 2.5 mm²
- ambient temperature: 35 °C
- dimensions (4 DIN rail modules): 89 x 70 x 54.5 mm (HxWxD)
- weight: \pm 280 g



COMPLETE UNIT



05-728

Pieces: 6

Complete unit

ACCESSORIES



05-706-31

Pieces: 10

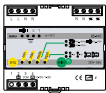
Fuse holder for dimmers 05-728 and 05-700

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 \pm 10%, 50 Hz \pm 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: \pm 440 g

COMPLETE UNIT**65-410**

Pieces: 1

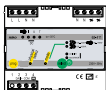
Complete unit

Universal modular dimmer 1400 VA (6 A), DALI

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 \pm 10%, 50 Hz \pm 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: \pm 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 \pm 10%, 50 Hz \pm 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: \pm 238 g

Replaces 65-230 and 65-330



COMPLETE UNIT



05-711

Pieces: 6

Complete unit

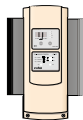


Universal dimmer 2760 VA (12 A)

Dimmer for incandescent lamps, 230 V halogen lamps and all types of low-voltage halogen lamps. 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. Minimum dimming level adjustable between 0 and 30% and maximum dimming level between 50 and 100%. Indication LEDs for the operation and feedback on errors. Display indication of voltage, current, temperature and protection status. In compliance with the European directives for EMC and safety EN60669-2-1.

- power supply voltage: 230 Vac \pm 10%, 50 Hz \pm 1 Hz
- incandescent lamps: 2760 W
- 230 V halogen lamps: 2760 W
- ferromagnetic transformer: 2760 VA
- toroidal core transformer: 2760 VA
- electronic transformer: 2760 VA
- minimum load: 100 W/100 VA
- overload protection with automatic reset function
- electronic short-circuit protection
- powerline communication interference suppression
- connection terminals for load: 2 x 2.5 mm² or 1 x 4 mm²
- connection terminals for control: 2 x 1.5 mm² or 1 x 2.5 mm²
- ambient temperature: 35 °C
- dimensions: 303 x 200 x 100 mm (HxWxD)
- weight: \pm 4500 g

COMPLETE UNIT



65-412

Pieces: 1

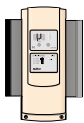
Complete unit

Universal dimmer 2760 VA (12 A), DALI

Dimmer for incandescent lamps, 230 V halogen lamps and all types of low-voltage halogen lamps. Control via DALI (EN60929) or directly on the device. Use with or without memory function. Minimum dimming level adjustable between 0 and 30% and maximum dimming level between 50 and 100%. Indication LEDs for the operation and feedback on errors. Display indication of voltage, current, temperature and protection status. In compliance with the European directives for EMC and safety EN60669-2-1.



- power supply voltage: 230 Vac \pm 10%, 50 Hz \pm 1 Hz
- incandescent lamps: 2760 W
- 230 V halogen lamps: 2760 W
- ferromagnetic transformer: 2760 VA
- toroidal core transformer: 2760 VA
- electronic transformer: 2760 VA
- minimum load: 100 W/100 VA
- overload protection with automatic reset function
- electronic short-circuit protection
- powerline communication interference suppression
- connection terminals for load: 2 x 2.5 mm² or 1 x 4 mm²
- connection terminals for control: 2 x 1.5 mm² or 1 x 2.5 mm²
- ambient temperature: 35 °C
- dimensions: 303 x 200 x 100 mm (HxWxD)
- weight: \pm 4500 g

COMPLETE UNIT**65-413**

Pieces: 1

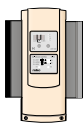
Complete unit

Universal dimmer 3680 VA (16 A)

Dimmer for incandescent lamps, 230 V halogen lamps and all types of low-voltage halogen lamps. 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. Minimum dimming level adjustable between 0 and 30% and maximum dimming level between 50 and 100%. Indication LEDs for the operation and feedback on errors. Display indication of voltage, current, temperature and protection status. In compliance with the European directives for EMC and safety EN60669-2-1.



- power supply voltage: 230 Vac \pm 10%, 50 Hz \pm 1 Hz
- incandescent lamps: 3680 W
- 230 V halogen lamps: 3680 W
- ferromagnetic transformer: 3680 VA
- toroidal core transformer: 3680 VA
- electronic transformer: 3680 VA
- minimum load: 100 W/100 VA
- overload protection with automatic reset function
- electronic short-circuit protection
- powerline communication interference suppression
- connection terminals for load: 2 x 2.5 mm² or 1 x 4 mm²
- connection terminals for control: 2 x 1.5 mm² or 1 x 2.5 mm²
- ambient temperature: 35 °C
- dimensions: 303 x 200 x 100 mm (HxWxD)
- weight: \pm 4500 g

COMPLETE UNIT**65-416**

Pieces: 1

Complete unit

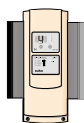


Universal dimmer 3680 VA (16 A), DALI

Dimmer for incandescent lamps, 230 V halogen lamps and all types of low-voltage halogen lamps. Control via DALI (EN60929) or directly on the device. Use with or without memory function. Minimum dimming level adjustable between 0 and 30% and maximum dimming level between 50 and 100%. Indication LEDs for the operation and feedback on errors. Display indication of voltage, current, temperature and protection status. In compliance with the European directives for EMC and safety EN60669-2-1.

- power supply voltage: 230 Vac \pm 10%, 50 Hz \pm 1 Hz
- incandescent lamps: 3680 W
- 230 V halogen lamps: 3680 W
- ferromagnetic transformer: 3680 VA
- toroidal core transformer: 3680 VA
- electronic transformer: 3680 VA
- minimum load: 100 W/100 VA
- overload protection with automatic reset function
- electronic short-circuit protection
- powerline communication interference suppression
- connection terminals for load: 2 x 2.5 mm² or 1 x 4 mm²
- connection terminals for control: 2 x 1.5 mm² or 1 x 2.5 mm²
- ambient temperature: 35 °C
- dimensions: 303 x 200 x 100 mm (HxWxD)
- weight: \pm 4500 g

COMPLETE UNIT


65-417

Pieces: 1

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


NEW

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.

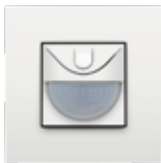
- power supply voltage: 85 to 265 V, frequency 50/60 Hz
- dimensions (HxWxL): 30 x 28 x 190 mm
- standby consumption: < 1 W
- output: DALI
- output voltage: 16 V + - 5 %
- max. load DALI output: 250 mA/4 W
- ambient temperature: 0 to +50 °C
- protection degree: IP20
- air humidity: 20 - 95% RH, non condensing

COMPLETE UNIT

350-70985

Pieces: 1

Complete unit



Motion detector 180° with switching contact (10 A, 230 V), 8 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.

Replaces 1XX-78400 (sensor) and 420-0010X (actuator).

- switch-off delay: $\pm 1 - 30$ min
- light sensitivity: $\pm 10 - 1000$ lux
- mounting height: $0.8 - 1.2$ m
- relay contact : NO. (max 10 A), potential-free
 - incandescent lamps: 2,300 W
 - 230 V halogen lamps: 2,300 W
 - low-voltage halogen lamps: 500 VA
 - (non-compensated) fluorescent lamps: 1,200 VA
- LED lamps 230 V and economy lamps (CFLi): 350 W
- detection angle: horizontal 180°, vertical 60°
- detection range: 8 - 9 m
- connection terminals: $2 \times 1.5 \text{ mm}^2$ or $1 \times 2.5 \text{ mm}^2$
- connection possibility for an external push button or switch
- may be used as master or as slave in case of several detection points per lighting circuit

COMPLETE UNIT FOR CLAW FIXING

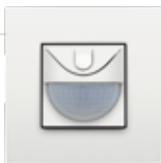


	100-78010	Pieces: 6		101-78010	Pieces: 6		102-78010	Pieces: 6
	104-78010	Pieces: 6		121-78010	Pieces: 6		122-78010	Pieces: 6
	123-78010	Pieces: 6		124-78010	Pieces: 6		154-78010	Pieces: 6
	157-78010	Pieces: 6		161-78010	Pieces: 6		200-78010	Pieces: 6
	220-78010	Pieces: 6		221-78010	Pieces: 6			

COMPLETE UNIT FOR SCREW FIXING



	100-78011	Pieces: 6		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						



Motion detector 180° with potential-free contact (4 A, 230 V), 8 m

Due to its potential-free contact, this motion detector can be used in several systems. For indoor use only.

Replaces 1XX-78400 (sensor) and 420-0020X (actuator).

- switch-off delay: $\pm 5 \text{ s} - 30$ min
- light sensitivity: $\pm 2 - 1,000$ lux
- mounting height: $0.8 - 1.2$ m
- relay contact : NO. (max 4 A) potential-free
 - incandescent lamps: 920 W
 - 230 V halogen lamps: 920 W
 - (non-compensated) fluorescent lamps: 575 VA
 - motors: 920 VA
- detection angle: horizontal 180°, vertical 60°
- detection range: 8 m (horizontal)
- connection possibility for an external push button

COMPLETE UNIT FOR CLAW FIXING



	100-78020	Pieces: 6		101-78020	Pieces: 6		102-78020	Pieces: 6
	104-78020	Pieces: 6		121-78020	Pieces: 6		122-78020	Pieces: 6
	123-78020	Pieces: 6		124-78020	Pieces: 6		154-78020	Pieces: 6
	157-78020	Pieces: 6		161-78020	Pieces: 6		200-78020	Pieces: 6
	220-78020	Pieces: 6		221-78020	Pieces: 6			

COMPLETE UNIT FOR SCREW FIXING



	100-78021	Pieces: 6		101-78021	Pieces: 6		102-78021	Pieces: 6
	104-78021	Pieces: 6		121-78021	Pieces: 6		122-78021	Pieces: 6
	123-78021	Pieces: 6		124-78021	Pieces: 6		154-78021	Pieces: 6
	157-78021	Pieces: 6		161-78021	Pieces: 6		200-78021	Pieces: 6
	220-78021	Pieces: 6		221-78021	Pieces: 6			

Motion detector 180°, two-wire (40 - 400 W, 230 V), 8 m















This motion detector is used for switching incandescent lamps and 230 V halogen lamps only. For indoor use only.



Replaces 1XX-78400 (sensor) and 420-0040X (actuator).

- switch-off delay: ± 5 s - 30 min
- light sensitivity: ± 2 - 1000 lux
- mounting height: 0.8 - 1.2 m
- contact : 1.7 A triac
 - incandescent lamps: 400 W
 - 230V-halogen lamps: 400 W
- detection angle: horizontal 180°, vertical 60°
- detection range: 8 m (horizontal)
- connection possibility for an external push button or switch

COMPLETE UNIT FOR CLAW FIXING

	100-78040	Pieces: 6		101-78040	Pieces: 6		102-78040	Pieces: 6
	104-78040	Pieces: 6		121-78040	Pieces: 6		122-78040	Pieces: 6
	123-78040	Pieces: 6		124-78040	Pieces: 6		154-78040	Pieces: 6
	157-78040	Pieces: 6		161-78040	Pieces: 6		200-78040	Pieces: 6
	220-78040	Pieces: 6		221-78040	Pieces: 6			

COMPLETE UNIT FOR SCREW FIXING

	100-78041	Pieces: 6		101-78041	Pieces: 6		102-78041	Pieces: 6
	104-78041	Pieces: 6		121-78041	Pieces: 6		122-78041	Pieces: 6
	123-78041	Pieces: 6		124-78041	Pieces: 6		154-78041	Pieces: 6
	157-78041	Pieces: 6		161-78041	Pieces: 6		200-78041	Pieces: 6
	220-78041	Pieces: 6		221-78041	Pieces: 6			



LED strip on roll with 60 monochrome LEDs/m

With an excellent colour rendition and a light output of 330 to 360 lm/m (depending on the white tone), the LEDs create the optimal mood. The LED strip is sold on a 5 m roll. The LED strip can be cut every 10 cm, allowing installation of the required length. The adhesive tape on the back of the LED strip ensures easy mounting.

- dimensions: 2.5 x 8 x 5000 mm (HxWxL)
- cutting interval: every 10 cm
- protection degree: IP20
- number of LEDs per meter: 60
- power supply voltage: 24 Vdc
- consumption per meter: 4.8 W
- ambient temperature: -20 - 60 °C
- colour rendition (CRI): > 80
- LED format used: 3528

COMPLETE UNIT

340-11002	Pieces: 6	LED strip on roll with warm white LEDs, 3000 K, 360 lm/m
340-11003	Pieces: 6	LED strip on roll with neutral white LEDs, 4000 K, 330 lm/m
340-11004	Pieces: 6	LED strip on roll with cold white LEDs, 6500 K, 330 lm/m



LED strip on roll with 120 monochrome LEDs/m

With an excellent colour rendition and a light output of 660 to 720 lm/m (depending on the white tone), the LEDs create the optimal mood. The LED strip is sold on a 5 m roll. The LED strip can be cut every 5 cm, allowing installation of the required length. The adhesive tape on the back of the LED strip ensures easy mounting.

- dimensions: 2.5 x 8 x 5000 mm (HxWxL)
- cutting interval: 5 cm
- protection degree: IP20
- number of LEDs per meter: 120
- power supply voltage: 24 Vdc
- consumption per meter: 9.6 W
- ambient temperature: -20 - 60 °C
- colour rendition (CRI): > 80
- LED format used: 3528

COMPLETE UNIT

340-11006	Pieces: 6	LED strip on roll with warm white LEDs, 3000 K, 720 lm/m
340-11007	Pieces: 6	LED strip on roll with neutral white LEDs, 4000 K, 660 lm/m
340-11008	Pieces: 6	LED strip on roll with cold white LEDs, 6500 K, 660 lm/m



LED strip on roll with 180 monochrome LEDs/m

With an excellent colour rendition and a light output of 990 to 1080 lm/m (depending on the white tone), the LEDs provide more than sufficient light to pleasantly illuminate work surfaces. The LED strip is sold on a 5 m roll. The LED strip can be cut every 3.3 cm, allowing installation of the required length. The adhesive tape on the back of the LED strip ensures easy mounting. In combination with the aluminium profile with adjustable height (340-12005) and the milky white cover (340-13001), you create uniform light lines without visible points of light.

- dimensions: 2.5 x 8 x 5000 mm (HxWxL)
- cutting interval: 3.3 cm
- protection degree: IP20
- number of LEDs per meter: 180
- power supply voltage: 24 Vdc
- consumption per meter: 14.4 W
- ambient temperature: -20 - 60 °C
- colour rendition (CRI): > 80
- LED format used: 3528

COMPLETE UNIT

340-11010	Pieces: 6	LED strip on roll with warm white LEDs, 3000 K, 1080 lm/m
340-11011	Pieces: 6	LED strip on roll with neutral white LEDs, 4000 K, 990 lm/m
340-11012	Pieces: 6	LED strip on roll with cold white LEDs, 6500 K, 990 lm/m

LED strip on roll with 120 tunable white LEDs/m (60 warm white + 60 cold white LEDs)

Thanks to the combination of warm white and cold white LEDs on one LED strip, you have all white tones at your disposal and you easily adjust the lighting to the interior or to the desired mood. Furthermore, the LEDs have an excellent colour rendition so that the entire interior is illuminated optimally. The LED strip is sold on a 5 m roll. The LED strip can be cut every 5 cm, allowing installation of the required length. The adhesive tape on the back of the LED strip ensures easy mounting. For optimal LED control with all white tones, you use this product in combination with an RGB(W) controller (340-00120 or 340-00121) and an RGB(W) wall control (1XX-90001). You can save your favourite white tone in the RGB(W) controller memory.



- dimensions: 2.5 x 8 x 5000 mm (HxWxL)
- cutting interval: 5 cm
- protection degree: IP20
- number of LEDs per meter: 120 (60 warm white + 60 cold white LEDs)
- power supply voltage: 24 Vdc
- consumption per meter: 9.6 W
- ambient temperature: -20 - 60 °C
- colour rendition (CRI): > 80
- LED format used: 3528

COMPLETE UNIT

340-11021 Pieces: 6 LED strip on roll with 120 tunable white LEDs/m (60 warm white + 60 cold white LEDs)

LED strip on roll with 36 RGB LEDs/m

The vivid colours of the RGB LEDs create varied moods in the interior. The LED strip is sold on a 5 m roll. The LED strip can be cut every 16.7 cm, allowing installation of the required length. The adhesive tape on the back of the LED strip ensures easy mounting. To easily select and dim the colours and to start a colour loop, you use this product in combination with an RGB(W) controller (340-00120 or 340-00121) and an RGB(W) wall control (1XX-90001).



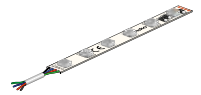
- dimensions: 2.5 x 10 x 5000 mm (HxWxL)
- cutting interval: 16.7 cm
- protection degree: IP20
- number of LEDs per meter: 36
- power supply voltage: 24 Vdc
- consumption per meter: 8.64 W
- ambient temperature: -20 - 60 °C
- LED format used: 5050

COMPLETE UNIT

340-11024 Pieces: 6 LED strip on roll with 36 RGB LEDs/m

LED strip on roll with 60 RGB LEDs/m

The vivid colours of the RGB LEDs create varied moods in the interior. The LED strip is sold on a 5 m roll. The LED strip can be cut every 10 cm, allowing installation of the required length. The adhesive tape on the back of the LED strip ensures easy mounting. To easily select and dim the colours and to start a colour loop, you use this product in combination with an RGB(W) controller (340-00120 or 340-00121) and an RGB(W) wall control (1XX-90001). In combination with the wide architectural aluminium profile (340-12007) and the milky white cover (340-13008), you create uniform light lines without visible points of light.



- dimensions: 2.5 x 10 x 5000 mm (HxWxL)
- cutting interval: 10 cm
- protection degree: IP20
- number of LEDs per meter: 60
- power supply voltage: 24 Vdc
- consumption per meter: 14.4 W
- ambient temperature: -20 - 60 °C
- LED format used: 5050

COMPLETE UNIT

340-11025 Pieces: 6 LED strip on roll with 60 RGB LEDs/m



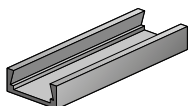
LED strip on roll with 120 RGBW LEDs/m (60 RGB + 60 warm white LEDs)

The vivid colours of the RGB LEDs create varied moods in the interior. The combination with warm white LEDs adds a whole pallet of soft and stylish colours. And, in addition, you have all white tones at your disposal. The LED strip is sold on a 5 m roll. The LED strip can be cut every 10 cm, allowing installation of the required length. The adhesive tape on the back of the LED strip ensures easy mounting. To easily select and dim the colours and white tones and to start a colour loop, you use this product in combination with an RGB(W) controller (340-00120 or 340-00121) and an RGB(W) wall control (1XX-90001). In combination with the wide architectural aluminium profile (340-12007) and the milky white cover (340-13008), you create uniform light lines without visible points of light.

- dimensions: 2.5 x 12 x 5000 mm (HxWxL)
- cutting interval: 10 cm
- protection degree: IP20
- number of LEDs per meter: 120 (60 RGB + 60 warm white LEDs)
- power supply voltage: 24 Vdc
- consumption per meter: 19.2 W (14.4 W RGB + 4.8 W warm white)
- ambient temperature: -20 - 60 °C
- LED format used: 5050 (RGB LEDs) and 3528 (warm white LEDs)

COMPLETE UNIT

340-11026 Pieces: 6 LED strip on roll with 120 RGBW LEDs/m (60 RGB + 60 warm white LEDs)



Flat aluminium profile

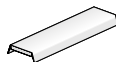
Elegant profile made of anodised aluminium, with a length of 2 m. The height of the profile is only 6 mm, allowing it to be discreetly and easily flush or surface mounted. You can place a transparent cover, a milky white cover or a lens cover on this profile.

- outside dimensions: 6 x 15.2 x 2000 mm (HxWxL)
- utilisable inside width: 11.2 mm
- material: anodised aluminium

PROFILE

340-12001 Pieces: 5 Flat aluminium profile, 2 m

COVERS



340-13001 Pieces: 5 Flat milky white cover, 2 m



340-13002 Pieces: 5 Flat transparent cover, 2 m



340-13003 Pieces: 5 Transparent lens cover, 2 m

ACCESSORIES



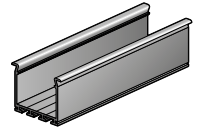
340-14001 Pieces: 10 2 PVC end pieces



340-14022 Pieces: 10 2 galvanised mounting brackets

Wide architectural aluminium profile

Wide profile made of anodised aluminium, with a length of 2 m. The profile is especially handy for holding wider LED strips or for mounting several LED strips next to one another on the profile. You can place a transparent cover or a milky white cover on this profile. You easily flush or surface mount the profile using the optional spring terminals which fit the rear of the profile perfectly. In combination with the milky white cover and the LED strips with 180 monochrome LEDs/m or the LED strips with 120 RGBW LEDs/m, you create uniform light lines without visible points of light.

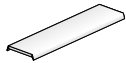


- outside dimensions: 25 x 26 x 2000 mm (HxWxL)
- material: anodised aluminium
- utilisable inside width: 24 mm

COMPLETE UNIT

340-12007 Pieces: 5 Wide architectural aluminium profile, 2 m

COVERS



340-13008 Pieces: 5 Wide flat milky white cover, 2 m



340-13009 Pieces: 5 Wide flat transparent cover, 2 m

ACCESSORIES



340-14007 Pieces: 10 2 PVC end pieces

ACCESSORIES



340-14020 Pieces: 10 2 spring terminals for surface mounting

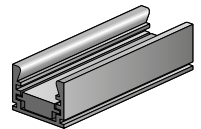
ACCESSORIES



340-14021 Pieces: 10 2 spring terminals for flush mounting

Aluminium profile with adjustable height

Elegant profile made of anodised aluminium, with a length of 2 m. The profile is delivered with an aluminium slat which can be slid into the profile in four different ways. You increase or decrease the distance between the LEDs and the surface using this slat, thus changing the angle of reflection. You can place a transparent cover, a milky white cover or a lens cover on this profile. In combination with the lens cover, you change the angle of reflection from 10° (LED strip in the bottommost position in the profile) to 30°, 60° or 90° (LED strip as high as possible). The multifunctional and discreet profile is also suitable for use with LED strips with 180 monochrome LEDs/m and a milky white cover. This way you create uniform light lines without visible points of light.



- outside dimensions: 12 x 16 x 2000 mm (HxWxL)
- material: anodised aluminium
- utilisable inside width: 11.2 mm

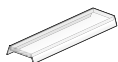
PROFILE

340-12005 Pieces: 5 Aluminium profile with adjustable height, 2 m

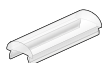
COVERS



340-13001 Pieces: 5 Flat milky white cover, 2 m



340-13002 Pieces: 5 Flat transparent cover, 2 m

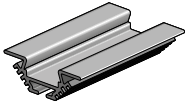


340-13003 Pieces: 5 Transparent lens cover, 2 m

ACCESSORIES



340-14005 Pieces: 10 2 PVC end pieces, rounded off at the top for lens cover



Aluminium corner profile

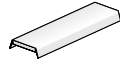
Elegant profile made of anodised aluminium, with a length of 2 m. The profile is designed to easily fit an angle of 90°. It can be mounted with glue or with screws which you slide into the rear of the profile. You can place a transparent cover or a milky white cover on this profile.

- outside dimensions: 10.5 x 30 x 2000 mm (HxWxL)
- utilisable inside width: 13.2 mm
- material: anodised aluminium

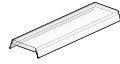
PROFILE

340-12004 Pieces: 5 Aluminium corner profile, 2 m

COVERS



340-13004 Pieces: 5 Flat milky white cover, 2 m

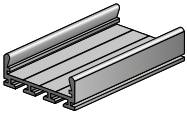


340-13005 Pieces: 5 Flat transparent cover, 2 m

ACCESSORIES



340-14004 Pieces: 10 2 PVC end pieces



Wide flat aluminium profile

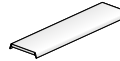
Wide profile made of anodised aluminium, with a length of 2 m. The profile is especially handy for holding wider LED strips or for mounting several LED strips next to one another on the profile. You can place a transparent cover or a milky white cover on this profile. You easily surface mount the profile using the optional spring terminals which fit the rear of the profile perfectly.

- outside dimensions: 10 x 26 x 2000 mm (HxWxL)
- utilisable inside width: 22 mm
- material: anodised aluminium

PROFILE

340-12006 Pieces: 5 Wide flat aluminium profile, 2 m

COVERS



340-13008 Pieces: 5 Wide flat milky white cover, 2 m



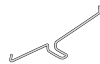
340-13009 Pieces: 5 Wide flat transparent cover, 2 m

ACCESSORIES



340-14006 Pieces: 10 2 PVC end pieces

ACCESSORIES



340-14020 Pieces: 10 2 spring terminals for surface mounting

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.

The power supply is directly dimmable via a 1-10 V signal. To achieve this, 2 extra wires are connected to the power supply.

- dimensions: 53 x 150 x 35 mm (HxWxD)
- weight: \pm 488 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
- dim: 1-10 V current control
- ambient temperature: 50 °C; Tc: 85 °C

NEW

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.

The power supply is directly dimmable via a 1-10 V signal. To achieve this, 2 extra wires are connected to the power supply.

- dimensions: 63 x 190 x 37 mm (HxWxD)
- weight: \pm 882 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
- dim: 1-10 V current control
- ambient temperature: 50 °C; Tc: 85 °C

NEW

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 powering LEDs and is designed 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.

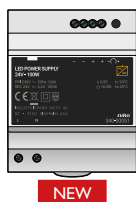
- dimensions (only 3 DIN rail modules): 90 x 52.5 x 55 mm (HxWxD)
- weight: \pm 270 g
- operating temperature -30 – +70 °C
- ambient temperature: 35 °C
- protection against short-circuit, overvoltage and overload (automatic reset function)
- input terminals (1 pair): 1 x 2.5 mm²
- power supply voltage: 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)



NEW

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 powering LEDs and is designed 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



PWM dimmer, 100 W

The PWM dimmer will be used to dim Niko 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
- 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(W) controller RF

This RGB(W) controller RF will be used to operate LED strips of 12, 24 and 36 Vdc (50, 100 and 150 W per channel). The controller can easily be inserted into e.g. a false ceiling. Each wireless RGB(W) wall control can operate a maximum of ten RGB(W) controllers RF simultaneously. An RGB(W) controller RF can be operated by a maximum of ten RGB(W) wall controls.

- wireless system
- frequency: 868 MHz
- transmission range: ± 30 m indoors, 100 m in open spaces
- primary connections: 1 x 2.5 mm² or 2 x 1.5 mm²
- secondary connections: 1 x 1.5 mm²
- dimensions: 116 x 52 x 32 mm (HxWxD)
- protection degree: IP20
- flush-mounting diameter: minimum 55 mm
- flush-mounting height in false ceiling: minimum 100 mm

COMPLETE UNIT

340-00120 Pieces: 5 RGB(W) controller RF

RGB(W) controller RF + wifi

This RGB(W) controller RF + WiFi will be used to operate LED strips of 12, 24 and 36 Vdc (50, 100 and 150 W per channel). The controller can easily be inserted into e.g. a false ceiling. Each wireless RGB(W) wall control can operate a maximum of ten RGB(W) controllers RF + WiFi simultaneously. An RGB(W) controller RF + WiFi can be operated by a maximum of ten RGB(W) wall controls or the Color Control Niko app. You download this app free-of-charge from the App store (iOS) or via Google Play (Android).



- wireless system + WiFi
- frequency: 868 MHz
- transmission range: ± 30 m indoors, 100 m in open spaces
- primary connections: 1 x 2.5 mm² or 2 x 1.5 mm²
- secondary connections: 1 x 1.5 mm²
- dimensions: 116 x 52 x 32 mm (HxWxD)
- protection degree: IP20
- flush-mounting diameter: minimum 55 mm
- flush-mounting height in false ceiling: minimum 100 mm

COMPLETE UNIT

340-00121 Pieces: 5 RGB(W) controller RF + WiFi

Color Control Niko

This app allows you to create a central, user-friendly control for RGB, RGB(W) or tunable white LED strips on your smartphone. Available for iOS and Android.













RGB(W) wall control

This wireless RGB(W) wall control operates RGB(W) LEDs and tunable white LEDs in combination with an RGB(W) controller. The wall control is equipped with six keys: on/off, dimming, colour loop, favourite, colour selection and colour loop speed. Each wireless RGB(W) wall control can operate a maximum of ten RGB(W) controllers simultaneously. An RGB(W) controller can be operated by a maximum of ten RGB(W) wall controls.



- wireless system
- frequency: 868 MHz
- transmission range: ± 30 m indoors, 100 m in open spaces
- power supply voltage: via the battery supplied
- mounting: using the double-sided tape supplied or the screws supplied
- battery type: CR2430 (3 V)

COMPLETE UNIT

	100-90001	Pieces: 5		101-90001	Pieces: 5		102-90001	Pieces: 5
	104-90001	Pieces: 5		121-90001	Pieces: 5		122-90001	Pieces: 5
	123-90001	Pieces: 5		124-90001	Pieces: 5		154-90001	Pieces: 5
	157-90001	Pieces: 5		161-90001	Pieces: 5			

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 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

ACCESSORIES



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

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



Electronic 70 W transformer, terminal PRI and SEC

This universal dimmable electronic transformer (70 W) is used for the connection of low-voltage halogen lamps (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
- halogen lamps: 20-70 W
- 4-fold, primary terminal connection: 1 x 2.5 mm² or 2 x 1.5 mm² with screw terminal
- V pri: 230 Vac ± 10%, 50-60 Hz
- 4-fold, secondary terminal connection: 1 x 2.5 mm² or 2 x 1.5 mm² 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 fixtures
- 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 70 W transformer, terminal PRI and wire sec

This universal dimmable electronic transformer (70 W) is used for the connection of low-voltage halogen lamps (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. On the secondary side, the transformer is equipped with a Teflon wire for direct connection with a spot light. The two primary inputs with screw terminals 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
- halogen lamps: 20-70 W
- 4-fold, primary terminal connection: 1 x 2.5 mm² or 2 x 1.5 mm² with screw terminal
- V pri: 230 Vac ± 10%, 50-60 Hz
- secondary connection: Teflon wire (200 °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: 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 fixtures
- 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

320-00102 Pieces: 10 Complete unit

Electronic 70 W transformer, terminal PRI and spotlight connection SEC

This universal dimmable electronic transformer (70 W) is used for the connection of low-voltage halogen lamps (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. On the secondary side, the transformer is equipped with a Teflon wire with a lamp holder (G4.0-6.35) to which a halogen lamp can be directly connected. The two primary inputs with screw terminals make interconnection easy (max. 8x). CE marking and ENEC approved.



- dimensions: 116 x 52 x 32 mm (HxWxD)
- weight: 110 g
- dimmable with phase control, reverse phase control and universal dimmers
- halogen lamps: 20-70 W
- 4-fold, primary terminal connection: 1 x 2.5 mm² or 2 x 1.5 mm² with screw terminal
- V pri: 230 Vac \pm 10%, 50-60 Hz
- secondary connection: Teflon wire (200 °C) - 2 x 0.75 mm² and G4.0-6.35 lamp holder; length: 50 m
- 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 fixtures
- 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

320-00103 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 halogen lamps (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
- halogen lamps: 20-105 W
- 4-fold, primary terminal connection: 1 x 2.5 mm² or 2 x 1.5 mm² with screw terminal
- V pri: 230 Vac \pm 10%, 50-60 Hz
- 4-fold, secondary terminal connection: 1 x 2.5 mm² or 2 x 1.5 mm² 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 fixtures
- 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 halogen lamps (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.

eplaces Niko article: 320-00105

- dimensions: 184 x 52 x 32 mm (HxWxD)
- weight: 220 g
- dimmable with phase control, reverse phase control and universal dimmers
- halogen lamps: 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 \pm 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 fixtures
- 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, IP65

This universal dimmable electronic transformer (70 W) is used for the connection of low-voltage halogen lamps (12 V - SELV). This transformer is very compact and therefore very suitable for connection in small spaces. The transformer has an IP65 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
- halogen lamps: 20-70 W
- secondary connection: rubber cable - 2 x 1 mm²; length: 50 cm
- V pri: 230 Vac \pm 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: IP65
- 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 fixtures
- 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 halogen lamps (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
- halogen lamps: 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 fixtures
- 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 lamps (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.



Replaces Niko article: 320-00108

- dimensions: H113 mm x W52 mm x D32 mm
- weight: 320 g
- dimmable with phase control, reverse phase control and universal dimmers
- halogen lamps: 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 fixtures
- 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 halogen lamps (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
- halogen lamps: 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 \pm 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 fixtures
- 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 halogen lamps (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
- halogen lamps: 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 \pm 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 fixtures
- 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 halogen lamps (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
- halogen lamps: 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 \pm 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 fixtures
- 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 105 W transformer, PRI and sec wires

This universal dimmable electronic transformer (105 W) is used for the connection of low-voltage halogen lamps (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: 80 x 48.5 x 28.5 mm (HxWxD)
- weight: 200 g
- dimmable with phase control, reverse phase control and universal dimmers
- halogen lamps: 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 \pm 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: 55 mm
- protection de gree: IP20
- ambient temperature: 50 °C; Tc: 80 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III fixtures
- 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

320-00130 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 halogen lamps (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
- halogen lamps: 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 \pm 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 fixtures
- 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 halogen lamps (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
- halogen lamps: 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 \pm 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 fixtures
- 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 halogen lamps (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
- halogen lamps: 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 \pm 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 fixtures
- 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 halogen lamps (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
- halogen lamps: 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 \pm 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 fixtures
- 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



Electronic 70 W transformer, plug PRI and wire sec

This universal dimmable electronic transformer (70 W) is used for the connection of low-voltage halogen lamps (12 V - SELV). This transformer is very compact and therefore very suitable for connection in small spaces. The cables are fixed with resin. Thanks to the Euro plug, this transformer can be very easily connected to a socket outlet. The silicone wire on the secondary side is directly connected with a spot light. CE marking; CEBEC and ENEC approved.

- dimensions: 86 x 52 x 32 mm (HxWxD)
- weight: 220 g
- dimmable with phase control, reverse phase control and universal dimmers
- halogen lamps: 20-70 W
- primary connection: double-insulated mains lead with Euro plug - 2 x 0.75 mm²; length: 2 m
- V pri: 230 V, 50 Hz
- secondary connection: silicone 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: IP40
- 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 fixtures
- 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

320-00111 Pieces: 5 Complete unit



Electronic 105 W transformer, plug PRI and wire sec

This universal dimmable electronic transformer (105 W) is used for the connection of low-voltage halogen lamps (12 V - SELV). This transformer is very compact and therefore very suitable for connection in small spaces. The cables are fixed with resin. Thanks to the euro plug, this transformer can be very easily connected to a socket outlet. The silicone wire on the secondary side is directly connected with a spot light. CE marking and ENEC approved.

- dimensions: 116 x 52 x 32 mm (HxWxD)
- weight: 300 g
- dimmable with phase control, reverse phase control and universal dimmers
- halogen lamps: 20-105 W
- primary connection: double-insulated mains lead with euro plug - 2 x 0.75 mm²; length: 2 m
- 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: IP40
- 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 fixtures
- 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

320-00112 Pieces: 5 Complete unit

Electronic 150 W transformer, plug PRI and wire sec

This universal dimmable electronic transformer (150 W) is used for the connection of low-voltage halogen lamps (12 V - SELV). Thanks to the euro plug, this transformer can be very easily connected to a socket outlet. The silicone wire on the secondary side is directly connected with a spot light. CE marking and ENEC approved.

Replaces Niko article: 320-00113



- dimensions: 113 x 52 x 32 mm (HxWxD)
- weight: 320 g
- dimmable with phase control, reverse phase control and universal dimmers
- halogen lamps: 35-150 W
- primary connection: double insulated mains lead with euro plug - 2 x 0.75 mm²; length: 2 m
- V primary: 230 Vac \pm 10%, 50-60 Hz
- secondary connection: silicone wire (170 °C) - 2 x 1.5 mm²; length: 30 cm
- V secondary: 11.5 V - 35 kHz
- min. diameter: 55 mm
- mounting height in false ceiling: min. 100 mm
- protection degree: IP40
- filament test at 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 fixtures
- 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

320-00125 Pieces: 10 Complete unit

Electronic 70 W transformer, plug PRI and Q distribution block sec

This universal dimmable electronic transformer (70 W) is used for the connection of low-voltage halogen lamps (12 V - SELV). This transformer is very compact and therefore very suitable for connection in small spaces. The cables are fixed with resin. Thanks to the euro plug, this transformer can be very easily connected to a socket outlet. The Q-distribution block plug on the secondary side ensures quick, multiple distribution. The accompanying cords (320-00206, 320-00207 or 320-00208) must be ordered separately. CE marking, CEBEC and ENEC approved.



- dimensions: 86 x 52 x 32 mm (HxWxD)
- weight: 220 g
- dimmable with phase control, reverse phase control and universal dimmers
- halogen lamps: 20-70 W
- primary connection: double-insulated mains lead with euro plug - 2 x 0.75 mm²; length: 2 m
- V pri: 230 Vac \pm 10%, 50-60 Hz
- secondary connection: Q distribution block - 6 outputs; length: 20 cm
- 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 fixtures
- 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

320-00114 Pieces: 5 Complete unit



Electronic 105 W transformer, plug PRI and Q distribution block sec

This universal dimmable electronic transformer (105 W) is used for the connection of low-voltage halogen lamps (12 V - SELV). This transformer is very compact and therefore very suitable for connection in small spaces. The cables are fixed with resin. Thanks to the euro plug, this transformer can be very easily connected to a socket outlet. The Q-distribution block plug on the secondary side ensures quick, multiple distribution. The accompanying cords (320-00206, 320-00207 or 320-00208) must be ordered separately. CE marking, CEBEC and ENEC approved.

- dimensions: 116 x 52 x 32 mm (HxWxD)
- weight: 310 g
- dimmable with phase control, reverse phase control and universal dimmers
- halogen lamps: 20-105 W
- primary connection: double-insulated mains lead with euro plug - 2 x 0.75 mm²; length: 2 m
- V pri: 230 Vac \pm 10%, 50-60 Hz
- secondary connection: Q distribution block - 6 outputs; length: 20 cm
- 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 fixtures
- 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

320-00115 Pieces: 5 Complete unit



Electronic 150 W transformer, plug PRI and Q distribution block sec

This universal dimmable electronic transformer (150 W) is used for the connection of low-voltage halogen lamps (12 V - SELV). Thanks to the euro plug, this transformer can be very easily connected to a socket outlet. The Q-distribution block on the secondary side ensures quick, multiple distribution. The accompanying cords (320-00206, 320-00207 or 320-00208) must be ordered separately. CE marking and ENEC approved.

Replaces Niko article: 320-00116

- dimensions: 113 x 52 x 32 mm (HxWxD)
- weight: 320 g
- dimmable with phase control, reverse phase control and universal dimmers
- halogen lamps: 35-150 W
- primary connection: double insulated mains lead with euro plug - 2 x 0.75 mm²; length: 2 m
- V primary: 230 Vac \pm 10%, 50-60 Hz
- secondary connection: Q-distribution block - 6 outputs; length: 20 cm
- V secondary: 11.5 V - 35 kHz
- min. diameter: 55 mm
- mounting height in false ceiling: min. 100 mm
- protection degree: IP40
- filament test at 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 fixtures
- 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

320-00126 Pieces: 10 Complete unit

Electronic 70 W transformer, three-pole plug-in connector PRI and wire sec

This universal dimmable electronic transformer (70 W) is used for the connection of low-voltage halogen lamps (12 V - SELV). This transformer is very compact and therefore very suitable for connection in small spaces. The cables are fixed with resin. On the primary side, the transformer is equipped with a three-pole plug-in connector. The silicone wire on the secondary side is directly connected with a spot light. CE marking, CEBEC and ENEC approved.



- dimensions: 86 x 52 x 32 mm (HxWxD)
- weight: 230 g
- dimmable with phase control, reverse phase control and universal dimmers
- halogen lamps: 20-70 W
- primary connection: double-insulated, round mains lead with three-pole plug-in connector; length: 1 m
- V pri: 230 Vac \pm 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: IP40
- filament test at 850 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III fixtures
- 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

320-00117 Pieces: 5 Complete unit

Electronic 105 W transformer, three-pole plug-in connector PRI and Q distribution block sec

This universal dimmable electronic transformer (105 W) is used for the connection of low-voltage halogen lamps (12 V - SELV). This transformer is very compact and therefore very suitable for connection in small spaces. The cables are fixed with resin. On the primary side, the transformer is equipped with a three-pole plug-in terminal. The Q-distribution block plug on the secondary side ensures quick, multiple distribution. The accompanying cords (320-00206, 320-00207 or 320-00208) must be ordered separately. CE marking, CEBEC and ENEC approved.



- dimensions: 116 x 52 x 32 mm (HxWxD)
- weight: 310 g
- dimmable with phase control, reverse phase control and universal dimmers
- halogen lamps: 20-105 W
- primary connection: double-insulated, round mains lead with three-pole plug-in terminal; length: 1 m
- V pri: 230 Vac \pm 10%, 50-60 Hz
- secondary connection: Q distribution block - 6 outputs; length: 20 cm
- 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
- class II devices: SELV (safety extra-low voltage)
- suitable for supplying power to class III fixtures
- 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

320-00119 Pieces: 5 Complete unit



Electronic 150 W transformer, three-pole plug-in connector PRI and Q distribution block sec

This universal dimmable electronic transformer (150 W) is used for the connection of low-voltage halogen lamps (12 V - SELV). On the primary side, the transformer is equipped with a three-pole plug-in terminal. The Q-distribution block on the secondary side ensures quick, multiple distribution. The accompanying cords (320-00206, 320-00207 or 320-00208) must be ordered separately. CE marking and ENEC approved.

Replaces Niko article: 320-00120

- dimensions: 113 x 52 x 32 mm (HxWxD)
- weight: 320 g
- dimmable with phase control, reverse phase control and universal dimmers
- halogen lamps: 35-150 W
- primary connection: double insulated mains lead with three-pole plug-in terminal; length: 1 m
- V primary: 230 Vac $\pm 10\%$, 50-60 Hz
- secondary connection: Q-distribution block - 6 outputs; length: 20 cm
- 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: 40 °C; Tc: 80 °C
- class II devices: SELV (safety extra-low voltage)
- suitable for the power supply of class III fixtures
- 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

320-00127 Pieces: 10 Complete unit



IP68 kit

The IP68 kit is the waterproof solution for all halogen 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 Compete unit



Mini connection box with terminals (3 x 6 mm²)

ACCESSORIES

320-00210 Pieces: 25 Complete unit



Flat pvc cord with double-insulated wire, 1.5 m

Flat PVC cord with double-insulated wire; length: 1.5 m. Equipped on one side with a Q-distribution block plug.

COMPLETE UNIT

 **320-00206** Pieces: 25 Complete unit



Silicon-insulated twin wire (170° C), 1.5 m

silicon-insulated twin wire (170 °C); length: 1.5 m. Equipped with a Q-distribution block plug on one side.

COMPLETE UNIT

 **320-00207** Pieces: 25 Complete unit

Teflon-insulated wire with halogen lamp holder (g4.0-6.35), 1.5 m

Teflon-insulated wire; length: 1.5 m. Equipped with a Q distribution block plug on one side and with a halogen lamp holder (G4.0-6.35.) on the other side.

**COMPLETE UNIT****320-00208**

Pieces: 25

Complete unit

Filter

This filter can be connected in series with a rotary dimmer for inductive loads to prevent humming.

- dimensions: 58 x 72 x 44 mm (HxWxD)
- weight: 400 g
- equipped with a screw terminal (2.5 mm²)

**COMPLETE UNIT****320-00209**

Pieces: 4

Complete unit

Ferromagnetic 35 W transformer with wire output, IP40

This ferromagnetic transformer (35 W) is used for the connection of low-voltage lamps (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 a spotlight. 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 fixtures
- 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 halogen lamps (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
- halogen lamps: 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 fixtures
- 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 halogen lamps (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 fixtures
- 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



Short circuit-resistant ferromagnetic 150 W block transformer (terminal connections)

This short circuit-resistant ferromagnetic transformer (150 W) is used for the connection of low-voltage lamps (12 V - SELV). The transformer is equipped with a built-in, resettable protection. On the primary and secondary side, the transformer is equipped with two 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: 2 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), obligatory for class III fixtures
- built-in protection against short-circuiting and overloading, manually self-restoring by pushing on top button
- warranty: 4 years

COMPLETE UNIT

320-00010 Pieces: 1 Complete unit



Short circuit-resistant ferromagnetic 200 W block transformer (terminal connections)

This short circuit-resistant ferromagnetic transformer (200 W) is used for the connection of low-voltage lamps (12 V - SELV). The transformer is equipped with a built-in, resettable protection. On the primary and secondary side, the transformer is equipped with two 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 V, 50 Hz
- secondary connection: 2 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), obligatory for class III fixtures
- built-in protection against short-circuiting and overloading, manually self-restoring by pushing on top button
- warranty: 4 years

COMPLETE UNIT

320-00011 Pieces: 1 Complete unit

Short circuit-resistant ferromagnetic 300 W block transformer (terminal connections)

This short circuit-resistant ferromagnetic transformer (300 W) is used for the connection of low-voltage lamps (12 V - SELV). The transformer is equipped with a built-in, resettable protection. On the primary and secondary side, the transformer is equipped with two 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: 2 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), obligatory for class III fixtures
- built-in protection against short-circuiting and overloading, manually self-restoring by pushing on top button
- warranty: 4 years

COMPLETE UNIT

320-00012 Pieces: 1 Complete unit

Short circuit-resistant ferromagnetic 400 W block transformer (terminal connections)

This short-circuit resistant ferromagnetic transformer (400 W) is used for the connection of low-voltage lamps (12 V - SELV). The transformer is equipped with a built-in retrievable protection. The primary side of the transformer has two screw terminals, the secondary side four screw terminals for a wire with a diameter of 6 mm². The outputs may not be connected in parallel. CE marked. Complies with the safety standard EN61558-2-6.



- dimensions: 190 x 165 x 120 mm (HxWxD)
- weight: 8.8 kg
- dimmable with phase control and universal dimmers
- maximum output power: 1 x 400 W or 2 x 200 W
- primary connection: 2 screw terminals (6 mm²)
- V primary: 230 V, 50 Hz
- secondary connection: 4 screw terminals (6 mm²)
- V secondary: 11.6 V
- protection degree: IP20
- ambient temperature: 25 °C
- class II devices: SELV (safety extra-low voltage), obligatory for class III fixtures
- built-in protection against short-circuiting and overloading, manually self-restoring by pushing on top button
- warranty: 4 years

COMPLETE UNIT

320-00013 Pieces: 1 Complete unit

Ferromagnetic 150 W block transformer (terminal connections)

This ferromagnetic transformer (150 W) is used for the connection of low-voltage lamps (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 fixtures
- 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 lamps (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 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 fixtures
- 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 lamps (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 fixtures
- guarantee: 4 years

COMPLETE UNIT

320-00006 Pieces: 1 Complete unit



Ferromagnetic 400 W block transformer (terminal connections)

This ferromagnetic transformer (400 W) is used for the connection of low-voltage lamps (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: 190 x 165 x 120 mm (HxWxD)
- weight: 8.7 kg
- dimmable with phase control and universal dimmers
- maximum output power: 400 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 fixtures
- guarantee: 4 years

COMPLETE UNIT

320-00007 Pieces: 1 Complete unit



Fuse box for 150 W block transformer

The fuse box can be used for secondary protection in combination with a 150 W block transformer (320-00004).

- input: 1 x 11.6 V; length: 0.4 m
- output: 3 x max. 50 W/12 V
- protection: 3 x 5 A/T

COMPLETE UNIT

320-00201 Pieces: 5 Complete unit

Fuse box for 200 W block transformer

The fuse box can be used for secondary protection in combination with a 200 W block transformer (320-00005).

- input: 2 x 11.6 V; length: 0.4 m
- protection: 4 x 5 A/T
- output: 4 x max. 50 W/12 V

**COMPLETE UNIT**

320-00202 Pieces: 5 Complete unit

Fuse box for 300 W block transformer

The fuse box can be used for secondary protection in combination with a 300 W block transformer (320-00006).

- input: 2 x 11.6 V; length: 0.4 m
- protection: 6 x 5 A/T
- output: 6 x max. 50 W/12 V

**COMPLETE UNIT**

320-00203 Pieces: 5 Complete unit