

Zigbee Dimming Actuator Mini

Item number 57006000



Universal dimming actuator for dimming of light e.g. for LED lights, high- and low-voltage halogen lamps in a Zigbee 3.0 system. It operates according to the leading edge phase control or trailing edge phase control principle and automatically sets the dimming principle suitable for the connected load. The device provides one input for connecting a push-button. Configuration and immediate function test via the Prog. button. It is installed in the appliance box behind the switch or push-button.

Product features

- › Zigbee Actuator to integrate with all Zigbee systems with Zigbee 3.0 Standard
- › Dimming actuator for all standard lamps
- › Dimming using the phase cut-on and cut-off principle
- › Automatic or manual load setting in the appropriate dimming mode
- › Parameterisation via NEXENTRO Config App
- › Updateable via NEXENTRO Config App
- › Installation in appliance boxes behind push-buttons, appliance box with an installation depth of 60 mm recommended
- › Input for connecting a push-button
- › Display of the selected operating mode
- › Activation through bulb-preserving soft-start
- › Electronic short-circuit protection with permanent shutdown after 7 seconds
- › Electronic excess temperature protection
- › Screw terminal for the through-wiring of existing conductors (max. 16 A)
- › Button and LED for commissioning and functionality tests



Technical data

Mains voltage	AC 230 / 240 V ~
Mains frequency	50 / 60 Hz
Connected load of incandescent lamps	20 ... 140 W
Connected load HV LED leading edge phase control	typ. 3 ... 20 W
Connected load HV LED trailing edge phase control	typ. 3 ... 200 W
Standby Power consumption	max. 0.2 W
Power loss	max. 1.7 W
Ambient temperature	-5 ... +45 °C
Storage/ transport temperature	-25 ... +70 °C
Dimensions (LxWxH)	approx. 48 x 45 x 20 mm

Total line length	
Power cable	max. 100 m
Input cable	max. 50 m

Zigbee	
Communication protocol	Zigbee 3.0 (Router)
Radio frequency	2.400 ... 2.483 GHz
Transmission capacity	1 mW

Bluetooth	
Radio frequency	2.400 ... 2.480 GHz
Transmission capacity	max. 2 mW, Class 2
Transmitting range	typ. 10 m