NEXENTRO
smart connected electronics

Zigbee
Switching Actuator Mini

Item number 57005000

Switch actuator with 16 A switching capacity for the control of electrical loads like luminaires, socket outlets, pumps and many more in a Zigbee 3.0 System. The device provides one input for connection of switches or push-buttons. 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
- Control via sensors with relay contact 230 V, e.g. motion detector
- Parameterisation via NEXENTRO Config App
- Updateable via NEXENTRO Config App
- Integration of switchable loads in a Zigbee system
- Installation in appliance boxes behind switches or push-buttons, appliance box with an installation depth of 60 mm recommended
- Input for connecting the switch or push-button
- Output with a 16 A switching capacity for the activation electrical loads such as outer sockets, garage lights, pumps, fans etc.
- Screw terminal for the through-wiring of existing conductors (max. 16 A)
- Button and LED for commissioning and functionality tests

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Technical data

Mains voltage	AC 230 / 240 V ~
Mains frequency	50 / 60 Hz
Connected load of incandescent lamps	2300 W
Connected load HV halogen lamps	2000 W
Connected load Electronic transformers	1500 W
Connected load Inductive transformers	1000 VA
Connected load HV LED lamps	typ. 400 W
Power consumption Capacitive load	920 VA (115 µF)
Standby Power consumption	max. 0.2 W
Power loss	max. 4 W
Switching current (ohmic)	16 A (AC1)
Ambient temperature	-5 ... +45 °C
Storage/ transport temperature	-25 ... +70 °C
Dimensions (LxWxH)	approx. 48 x 51 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

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zigbee certified product