

Dimming actuator, 1-channel, 2-wire, with universal dimming function

with Bluetooth mesh technology,
through intelligently networked
switching actuators

 Bluetooth  5 Mesh

Controllable
with the Kopp
HomeConnect
App



Product features

- ✓ Brightness control from 0 to 100 % for one consumer
- ✓ LED suitable
- ✓ High operational reliability
- ✓ Updateable
- ✓ Modular expandable system
- ✓ Expandable to a building and energy management system
- ✓ Operation without gateway or internet connection possible
- ✓ Active Bluetooth mesh node

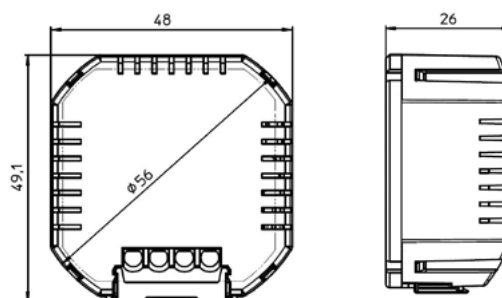
Clever sein.
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Kopp

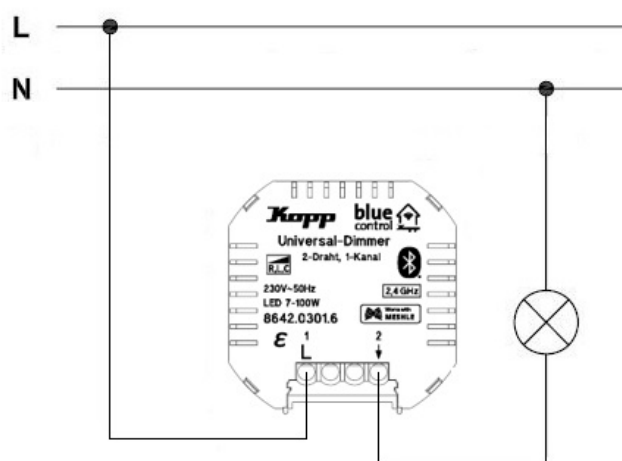
Product	
Article number:	8642.0301.6
Product name:	Blue-control Dimming actuator, 1-channel, 2-wire, with universal dimming function with Bluetooth mesh technology
EAN code:	4008224658485
PU:	5
PG:	121
Dimensions, weight	
Mechanical dimensions (l x w x h):	(49.1 x 48 x 26) mm
Weight:	30.13 g
Technical features	
Power supply:	230 V AC +/- 10 %
Frequency:	50 Hz
Transmit frequency:	2.4 GHz
Transmitting power:	< 10 mW
Range (free field):	Up to 40 m (mesh topology)
Antenna:	Integrated
Number of station presets:	1024
Number of channels:	1
Bidirectional data transmission:	Yes
Switchable voltages:	230 V AC
Load current:	16 A
Resistive load:	7 – 200 W/VA
Incandescent lamps:	7 – 200 W/VA
Fluorescent lamps (series-compensated):	–
Fluorescent lamps (parallel-compensated):	–
Low-voltage halogen lamps with conventional transformer:	7 – 200 W/VA
Low-voltage halogen lamps with electronic transformer:	7 – 200 W/VA
High-voltage halogen lamps:	–
Energy-saving lamps:	–
LEDs*:	7 – 100 W
Number of terminals:	2
Standby power (PV):	< 0.4 W
Terminal assignment:	L (1), connection consumer (2)
Clamping cross-section:	1.5 mm ²
Standard operating temperature:	25 °C
Operating temperature:	-20 °C to 60 °C
Storage temperature:	-30 °C to 80 °C
Protection class:	IP 20
Pollution degree:	2
Mounting position:	any
Mounting:	Flush-mounted box, Junction box, mounting clip
Conformity:	RED



Dimensions



Circuit diagram



* Consider manufacturer's specifications Power specifications depend on the associated ballasts.