



85475120



KNX radio universal dim actuator 1gang/binary input 2gang flush-mounted Electronics platform

Technical features

Architecture

Bus system	yes
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Functions

Parallel-service possible	no
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- ETS additional functions: +6 scenes, operating mode on/off, dimming value, forced control, status display, brightness display, repeater function
- reset function (to factory setting)
- scene opening via KNX radio appliances
- scene saving lockable
- quicklink functions: dimming, 2 scenes, time switching, NO contact push-button
- bulb-preserving soft startup

Controls and indicators

Indicator lamp	yes
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- with manual operation on/off, brighter/darker
- with configuration and function button

Connectivity

Bus system radio frequent	yes
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Bus system LON	no
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Bus system Powernet	no
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Radio protocol	KNX Radio
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Receiver category	2
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Fuse

Fuse	short-circuit and overload proof (electronic fuse)
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Frequency

Radio reception frequency	868,3 MHz
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Power

Incandescent bulb power	10 / 200 W
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Conventional transformers	10...175 VA
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Electronic transformers	10...175 W
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Measurement

Relative humidity (without condensation)	0...65 % (without condensation)
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Dimensions

Dimensions (Ø x H)	56 x 38 mm
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Diameter	56 mm
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Height	38 mm
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LED control

Max number of LED/CFL lamps	8
Dimmable LED lamps	3...50 W
Power LED	50 W
LED	with control LED for On/Off, with configuration and function LEDs

Incandescent bulbs control

Max. power with incandescent lamps	200 W
230 V incandescent lamps and halogen lamps	10...200 W

Connection

Connection cross-sect. flexible conductor	0,5 / 1,5mm ²
Connection cross-sect. rigid cable	0,5 / 1,5mm ²
Type of load	universal
Number of contacts	1
Type of connection	with screw
- with screw-in lift terminals	
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system	

Settings

Supported configuration modes	system, easy, PB
- toolless quicklink configuration using buttons and LED display	

Scope of delivery

Bus connection included	no
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Equipment

Number of outputs	1
Number of inputs	2
Type of dimmer	universal
Substation input	yes
Number of quicklink links	max. 20 transmitter/receiver
Product type:	Product type: Dimming actuator
Transmitter duty cycle	1 %
With slide for manual switch	yes
- phase cut-on or cut-off according to load type, self-learning	

Use conditions

Operating temperature	-15...45 °C
Storage/transport temperature	-20...70 °C
- low intrinsic energy requirement	

Identification

Application, usage	KNX radio - actuators
Product family	product family: output
Device family	TRM
Main design line	Electronics platform