



85421200

## Universal touch dimmer 1gang, electronics

### Technical properties

#### Functions

Soft startup	bulb-preserving soft startup
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#### Main electrical features

Frequency	50/60 Hz
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#### Voltage

Operating voltage	230 V AC
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#### Fuse

Fuse	short-circuit and overload proof (electronic fuse)
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#### Dimensions

Insertion depth	32 mm
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#### Power

Dimmable conventional transformers	25...400 VA
Power consumption (standby)	< 0.3 W
Electronic transformers and dual-mode transformers	25...400 W

#### Measurement

Extension unit input	with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
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#### Materials

Colour	not applicable
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#### Fluorescent bulbs control

Dimmable energy-saving lamps	13...80 W
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#### LED control

Dimmable 230 V retrofit LED lamps	5...70 W
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#### Incandescent bulbs control

230 V incandescent lamps and halogen lamps	20...350 W
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#### Installation, mounting

Installation mode	with spreader claws
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#### Connection

Screw terminals (max.)	2 x 1,5/1 x 2,5 mm <sup>2</sup>
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Number of substations	unlimited
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### Cable

Load cable length	max. 100 m
Cable length, extensions	max. 50 m

### Settings

Setting	Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
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### Equipment

Substation input	Yes
Dimming principle	automatic setting of load-dependent switching principle (autoDetect process) ; phase cut-on or cut-off according to load type, self-learning

### Use conditions

Operating temperature	-5...45 °C
Energy-saving	low intrinsic energy requirement
Relative humidity (without condensation)	0...65 % (without condensation)

### Identification

Application, usage	Light control ; KNX radio- operating systems ; Motion detector
Main design line	Electronics platform