



85421200

**Universal touch dimmer 1gang, electronics**

**Technical characteristics**

**Functions**

Soft startup bulb-preserving soft startup

**Main electrical features**

Frequency 50/60 Hz

**Voltage**

Operating voltage 230 V AC

**Fuse**

Fuse short-circuit and overload proof (electronic fuse)

**Dimensions**

Insertion depth 32 mm

**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

**Materials**

Material / surface no conductive connection between supporting ring and spreading claws

**Fluorescent bulbs control**

Dimmable energy-saving lamps 13...80 W

**LED control**

Dimmable 230 V retrofit LED lamps 5...70 W

**Incandescent bulbs control**

230 V incandescent lamps and halogen lamps 20...350 W

**Installation, mounting**

Installation mode with spreader claws

**Connection**

Screw terminals (max.)	2 x 1,5/1 x 2,5 mm <sup>2</sup>
Type of connection	with screw terminals
Number of substations	unlimited
<b>Cable</b>	
Load cable length	max. 100 m
Cable length, extensions	max. 50 m
<b>Settings</b>	
Setting	Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
<b>Equipment</b>	
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
<b>Use conditions</b>	
Operating temperature	-5...45 °C
Energy-saving	low intrinsic energy requirement
Relative humidity (without condensation)	0...65 % (without condensation)
<b>Identification</b>	
Application, usage	Light control ; KNX radio- operating systems ; Motion detector
Main design line	Electronics platform