



85421200

Universal touch dimmer 1gang, electronics

Technical properties

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 25...400 W

Installation, mounting

Installation mode with spreader claws

Connection

Screw terminals (max.)	2 x 1,5/1 x 2,5 mm ²
Type of connection	with screw terminals
Number of substations	unlimited
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
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
Release issue	R1.1
Main design line	Electronics platform