



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 20...350 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 |
| Main design line | Electronics platform |