



85421201

## Universal Push button Dimmer Comfort 1gang (R,L, C, LED), Round supporting ring

### 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 electronic transformers and bi-mode transformers 20...400 VA

Dimmable conventional transformers 20...200 VA

Power consumption (standby) < 0.3 W

Electronic transformers and dual-mode transformers 20...400 VA

#### 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

#### LED control

Dimmable 230 V retrofit LED lamps 3...250 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. 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>Safety</b>	
REACH conform	No
RoHS conform	Yes
Halogen free	No
<b>Use conditions</b>	
Operating temperature	-5...45 °C
Energy-saving	low intrinsic energy requirement
Relative humidity (without condensation)	10...95 %
<b>Identification</b>	
Application, usage	Light control ; KNX radio- operating systems ; Motion detector
Release issue	R1.2
Main design line	Electronics platform
<b>Instructions</b>	
Special note text	Caution! Only connect dimmable 230 V ESL or retrofit-LED lamps.
Information text	Do not use non-dimmable energy-saving lamps and 230 V LED lamps.