



85422100

## Universal touch dimmer 2gang, 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 per channel 35...300 VA

Power consumption, standby (Channel 1/Channel 2) < 0,3/0,7 W

Electronic transformers and dual-mode transformers per channel 35...300 W

#### Measurement

Extension unit input with 2 extension unit inputs for push-button (NO contact), single-surface operation

#### Materials

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

#### Fluorescent bulbs control

Dimmable energy-saving lamps per channel 15...54 W

#### LED control

Dimmable 230 V retrofit LED lamps per channel 12...40 W

#### Incandescent bulbs control

230 V incandescent lamps and halogen lamps per channel 35...300 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

#### Cable

Load cable length	max. 100 m
Cable length, extensions	max. per channel 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

#### Safety

REACH conform	No
RoHS conform	Yes

#### 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
Main design line	Electronics platform