



85121200

Relay insert, electronics

Technical properties

Main electrical features

Frequency	50/60 Hz
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Voltage

Operating voltage	230 V AC
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Dimensions

Insertion depth	32 mm
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Claw guidance installation depth	32 mm
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Housing installation depth	22 mm
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Power

Dimmable conventional transformers	1500 VA
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Power consumption, standby (Channel 1/Channel 2)	< 0.3/0.7 W
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Power consumption (standby)	< 0.3 W
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Minimum contact load	≈ 15 W
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Electronic transformers and dual-mode transformers	1500 W
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Measurement

Extension unit input	with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
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Materials

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

Fluorescent lamps with electrical ballast (EB)	1000 W
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- uncompensated	1100 VA
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Fluorescent bulbs control

Dimmable energy-saving lamps	440 W
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Compact fluorescent lamps with electronic ballast	22 x 20 W
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Fluorescent lamps in duo circuit	1000 W
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Fluorescent lamps parallel compensated	1000 W /130 μF
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LED control

230 V retrofit LED lamps	440 W
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Incandescent bulbs control

230 V incandescent lamps and halogen lamps

2300 W

Installation, mounting

Installation mode with spreader claws

Connection

Screw terminals (max.) 2 x 1,5/1 x 2,5 mm²

Type of connection with screw terminals

Number of substations unlimited

Cable

Load cable length max. 100 m

Cable length, extensions max. 50 m

Equipment

Switches / socket outlets also usable as push-button relay switch

Safety

REACH conform Yes

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 Motion detector ; KNX radio- operating systems ;
Light control

Main design line Electronics platform