



85121200

Relay insert, electronics

Technical properties

Main electrical features

| | |
|-----------|----------|
| Frequency | 50/60 Hz |
|-----------|----------|

Voltage

| | |
|-------------------|----------|
| Operating voltage | 230 V AC |
|-------------------|----------|

Dimensions

| | |
|----------------------------------|-------|
| Insertion depth | 32 mm |
| Claw guidance installation depth | 32 mm |
| Housing installation depth | 22 mm |

Power

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

Measurement

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

Materials

| | |
|--------|----------------|
| Colour | not applicable |
|--------|----------------|

Lighting control

| | |
|--|---------|
| Fluorescent lamps with electronical ballast (EB) | 1000 W |
| - uncompensated | 1100 VA |

Fluorescent bulbs control

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

LED control

| | |
|--------------------------|-------|
| 230 V retrofit LED lamps | 440 W |
|--------------------------|-------|

Incandescent bulbs control

Installation, mounting

| | |
|-------------------|---------------------|
| Installation mode | with spreader claws |
|-------------------|---------------------|

Connection

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|------------------------|---------------------------------|
| Screw terminals (max.) | 2 x 1,5/1 x 2,5 mm ² |
| 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 |