



1879901



## Mains decoupler comfort RMD Light control, light grey

### Technical features

### Functions

- Switches without loads to DC voltage without electric and electromagnetic fields

### Controls and indicators

- with manual selection switch for automatic (decoupling) on/off

### Main electrical features

|           |       |
|-----------|-------|
| Frequency | 50 Hz |
|-----------|-------|

### Voltage

|                                             |          |
|---------------------------------------------|----------|
| Residual ripple typical                     | 4 mV     |
| Monitoring voltage                          | 230 V DC |
| - Monitoring voltage measurable with Duspol |          |

### Electric current

|                    |           |
|--------------------|-----------|
| Monitoring current | max. 8 mA |
| Switching current  | 16 A      |

### Power

|                                |             |
|--------------------------------|-------------|
| Conventional transformers      | 800 VA      |
| Electronic transformers        | 1000 W      |
| Motors at $\cos \varphi = 0.4$ | max. 1400 W |

### Materials

|                                    |            |
|------------------------------------|------------|
| Colour independent of design lines | light grey |
|------------------------------------|------------|

### Dimensions

|                                    |           |
|------------------------------------|-----------|
| Depth                              | 65 mm     |
| Width of rail mounted device (RMD) | 2 modules |
| Height                             | 90 mm     |
| Width                              | 35 mm     |

### Lighting control

|                 |         |
|-----------------|---------|
| - uncompensated | 1000 VA |
|-----------------|---------|

### Fluorescent bulbs control

|                                        |            |
|----------------------------------------|------------|
| Energy-saving lamps                    | max. 160 W |
| Fluorescent lamps in duo circuit       | 1600 VA    |
| Fluorescent lamps parallel compensated | 700 VA     |

### LED control

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| LED | with green operation LED, with 2 yellow residual current indicator LEDs, with green status LED for decoupling |
|-----|---------------------------------------------------------------------------------------------------------------|

#### Incandescent bulbs control

|                                            |        |
|--------------------------------------------|--------|
| 230 V incandescent lamps and halogen lamps | 2300 W |
|--------------------------------------------|--------|

#### Equipment

- for illuminated switches/push-buttons with a neon lamp current of max. 8 mA

#### Use conditions

|                               |           |
|-------------------------------|-----------|
| Operating temperature         | 0...40 °C |
| - with overheating protection |           |

#### Identification

|                    |               |
|--------------------|---------------|
| Application, usage | Light control |
| Main design line   | Light control |

#### Instructions

|                  |                                                                                                                                                                                 |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Information text | If a universal touch dimmer is to be de-coupled, the extension unit line length on extension units must be < 20 m.                                                              |
|                  | To prevent heat problems due to mains overvoltage, the distance to other RMD units should be 1/2 m.                                                                             |
| -                | when used with Tronic rotary dimmer (R, C), order no. 2874 or BLC extension unit, order no. 2907, only in conjunction with control module for mains decoupler, order no. 188 11 |
| -                | without extension unit for use with universal rotary dimmers, order no. 2834 .. or 2861 10                                                                                      |
| -                | when used with BLC universal touch dimmer (R, L, C), order no. 2902, only in conjunction with BLC button                                                                        |