

# Product data sheet

## Power unit for rail mounting



### Reference number

1208 REG

### Power unit for rail mounting

#### Intended use

- Manual or automatic switching of light in staircases
- Mounting on DIN rail according to EN 60715 in distribution box
- Switch-on via pulse insert or push-button

#### Product characteristics

- Run-on time adjustable
- Electronic overload protection for the control input

Four different operating modes can be set:

- Automatic function without switch-off warning
- Automatic function with switch-off warning
- Light switched ON continuously
- Light switched OFF continuously

#### Automatic switching of light

The pulse insert is combined with a motion detector cover. As soon as the brightness drops below a value set on the motion detector cover and motions are detected, the pulse insert sends a switch-on signal cyclically to the power unit. The latter switches on the light for the set run-on time. After the run-on time has elapsed, the power unit switches the light off. After switch-off, pulse inserts with motion detector covers will not detect any motions for approx. 3 seconds.

#### Technical data

|                                           |                         |
|-------------------------------------------|-------------------------|
| Rated voltage:                            | AC 230 V ~              |
| Mains frequency:                          | 50 Hz                   |
| Power consumption:                        | approx. 1 W             |
| Ambient temperature:                      | +5 ... +45 °C           |
| Run-on time:                              | approx. 10 s ... 15 min |
| Run-on time tolerance:                    | ± 20 %                  |
| Permissible current for control input A1: | max. 40 mA              |
| Switching voltage:                        | AC 250 V ~              |
| Switching current                         |                         |
| Ohmic:                                    | 16 A                    |
| Switch-on current 20 ms:                  | max. 165 A              |
| Connected load                            |                         |
| Incandescent lamps:                       | 2300 W                  |
| HV halogen lamps:                         | 2300 W                  |
| HV LED lamps:                             | 400 W                   |
| Fluorescent lamps parallel compensated:   | 920 W                   |
| Fluorescent lamps non-compensated:        | 1200 VA                 |
| Fluorescent lamps lead-lag circuit:       | 2300 W / 140 µF         |
| Electronic transformers:                  | 1500 W                  |
| Inductive transformers:                   | 1000 VA                 |

|                                |                                                                   |
|--------------------------------|-------------------------------------------------------------------|
| Electronic ballast:            | depending on type                                                 |
| Mounting width:                | 18 mm (1 rail unit)                                               |
| Total length power cable:      | max. 100 m                                                        |
| Total length of control cable: | max. 100 m                                                        |
| Connection                     | screw terminals                                                   |
| single wire:                   | 1 x 0.75 ... 4.0 mm <sup>2</sup> 2 x 0.75 ... 2.5 mm <sup>2</sup> |
| stranded without ferrule:      | 1 x 0.75 ... 4.0 mm <sup>2</sup> 2 x 0.75 ... 2.5 mm <sup>2</sup> |
| stranded with ferrule:         | 1 x 0.5 ... 2.5 mm <sup>2</sup>                                   |