

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 stairways
- 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 automatic RMD. The latter switches on the light for the set run-on time. After the run-on time has elapsed, the automatic RMD 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
Shut-off delay:	approx. 10 s ... 15 min
Shut-off delay 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:	2,300 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 ² 2 x 0.75 ... 2.5 mm ²
stranded without ferrule:	1 x 0.75 ... 4.0 mm ² 2 x 0.75 ... 2.5 mm ²
stranded with ferrule:	1 x 0.5 ... 2.5 mm ²