

ANALOGUE TIME SWITCHES

müller VS 1x.18 - paladin 11x 120



Overview

- Daily program
- Slim format 17,5 mm
- Captive setting keys
- Manual override switch Permanent ON / Permanent OFF / AUTO

Intended use

- The device fits for the particular use of the following tasks: Illumination of private and industrial areas, street and shop-window lightening, regulation of air conditioning, flushing, motors, pumps, plants and machinery as well as to simulate presence etc.
- Operate the device in a dry room only!
- The installation must be in accordance with the instruction manual.
- The device is not qualified for security relevant tasks such as emergency doors, fire protection equipment.

Supply voltage versions

- 230 V, 50-60 Hz
- Other supply voltage versions on request

Order numbers

| ■ müller | ■ paladin | |
|----------|-----------|------------------------|
| VS 10.18 | 111 120 | Day without reserve |
| VS 14.18 | 114 120 | Day with reserve |

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Order information

| | Voltage | EAN | Art. No. |
|-----------------|----------------|---------------|----------|
| VS 10.18 | 230 V 50-60 Hz | 4022709218087 | 21808 |
| VS 14.18 | 230 V 50-60 Hz | 4022709218094 | 21809 |
| 111 120 | 230 V 50-60 Hz | 4011732013202 | 01320 |
| 114 120 | 230 V 50-60 Hz | 4011732013219 | 01321 |

Other supply voltage versions on request

Technical data

| | |
|---|--|
| Supply voltages | 230 V, 50-60 Hz |
| Power consumption (real power) | 0,4 W |
| Switch (potential-free) | Normally open, gap < 3mm (μ) |
| Manual override switch | Permanent ON / Permanent OFF / AUTO |
| Contact material | AgSnO ₂ |
| Switching capacity | |
| resistive load: | 16 A / 250 V~ at cosφ=1 |
| inductive load: | 2,5 A / 250 V~ at cosφ=0,6 |
| Min. switching power | 1.000 mW (10 V / 10 mA) |
| Filament Lamp, Halogen Lamp | 2.000 W |
| Fluorescent Lamp uncompensated | 1.000 W |
| Fluorescent Lamp series compensated | 750 W |
| LED (230 V~) / CFL | 200 W |
| Minimum switching interval | 15 Min. |
| Time base | Quartz |
| Accuracy (at 23 °C) | ±1 Sec./day |
| Power back-up (at 20 °C) | approx. 100 h. |
| Permitted ambient temperature | -10...+50 °C |
| Housing | self-extinguishing thermoplastic |
| Dimensions | 45 x 17,5 x 58 mm |
| Mounting | 35 mm DIN-rail |
| Type of connection | Screw terminals |
| Type of protection | IP 20 to DIN EN 60529 |
| Class of protection | II when installed according to regulations |
| Mode of operation (DIN EN 60730-1) (DIN EN 60730-2-7) | 1 BSTU |
| Degree of contamination (DIN EN 60730-1) | 2 |
| Rated surge voltage (DIN EN 60730-1) | 4 kV |

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