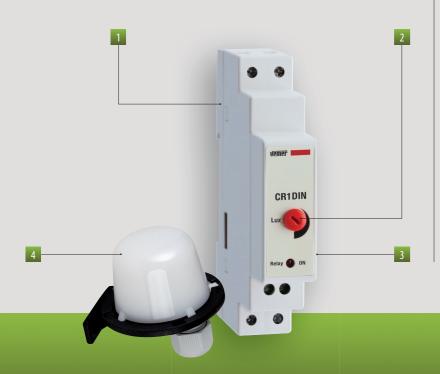
Twilight switches CR1DIN

DIMENSIONS (mm)

CONNECTION DIAGRAM

Diagram

Modular twilight switch (1 DIN module) with remotable external probe that activates the output circuit when the environment luminosity drops below the set threshold, with a Ton delay.



- Twilight switch 1 DIN module
- Sensitivity setting
- Activated load signaling LED
- 4 External probe

Front view



Side view

- Power supply:
- 230 V AC for code VJ62300000
- 12-24 V AC/DC for code VE382800

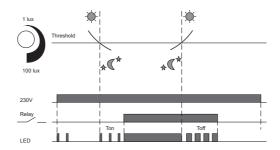


TWILIGHT SWITCH WITH EXTERNAL PROBE

- Sensitivity: adjustable between 1 and 100 lux
- Removable external probe included in the package

 Maximum distance between the probe and the appliance: about 50 m (we recommend using twisted cable)
- Signaling red LED:
 - off = relay off and luminosity above threshold
 - on = relay on and luminosity above threshold
 - $flashing = relay \ off \ with \ luminosity \ below \ threshold \ or \ relay \ on \ with \ luminosity \ above \ threshold$

Operating diagram



| Code | Model | Fastened | Sensitivity | Power supply | |
|------------|--------|----------|-------------|---------------|--|
| VJ62300000 | CR1DIN | DIN rail | 1 ÷ 100 lux | 230 V AC | |
| VE382800 | CR1DIN | DIN rail | 1 ÷ 100 lux | 12-24 V AC/DC | |



TIME AND MANAGEMENT

TECHNICAL INFORMATION

GENERAL CHARACTERISTICS

| Power supply | | |
|-------------------------------|---------|--------------------------------|
| - cod. VJ62300000 | V AC | 230 (-15% ÷ +10%) |
| - cod. VE382800 | V AC/DC | 12-24 (±10%) |
| Frequency | Hz | 50 / 60 |
| Absorption | | |
| - cod. VJ62300000 | VA (W) | 6 (1) |
| - cod. VE382800 | VA (W) | 2 (1.5) |
| Capacity contacts: | | 16 A / 250 V~ (resistive load) |
| - maximum switchable voltage: | | 400 V~ |
| - maximum switchable power: | | 4000 VA (resistive) |
| - minimum switchable load: | | 1000 mW (10 V/10 mA) |
| Type of load: | | |
| - incandescent lamps: 3600 W | | 3600 W |
| - fl uorescent lamps: 1000 W | | 1000 W |
| - LED lamp (<2 W): 55 W | | (<2 W): 55 W |
| - LED lamp (2-8 W): 150 W | | (2-8 W): 150 W |
| - LED lamp (>8 W): 180 W | | (>8 W): 180 W |
| | | |

| Sensitivity | S | 1 ÷ 100 |
|------------------------------------|------------|--------------------------------|
| Hysteresis | | 15% of the threshold |
| Time of intervention Ton | S | 15 |
| Release time Toff | S | 25 |
| Signaling | | red LED for relay intervention |
| Protection degree of the probe | IP | 65 |
| Operating temperature of the probe | $^{\circ}$ | -20 ÷ +50 |
| Fastened | | DIN rail |
| Terminal block | | 4 mm ² |
| Container | | 1 DIN module |
| Operating temperature | $^{\circ}$ | 0 ÷ +50 |
| Storage temperature | °C | -10 ÷ +70 |
| Relative humidity | RH | 20% ÷ 90% |
| | | non condensing |
| | | |

REFERENCE STANDARDS

Compliance with Community Directives: 2014/35/EU (LVD), 2014/53/EU (RED), 2014/30/EU (EMCD) is declared with reference to the following standards: EN 60669-2-1

