

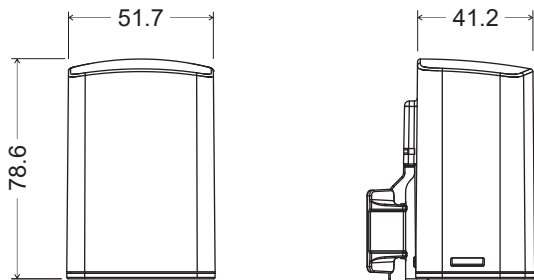
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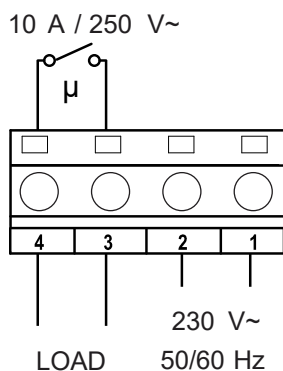
VELUX - VEREG



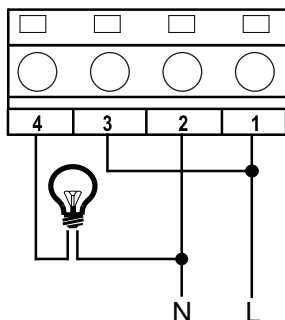
2 DIMENSIONS



3 CONNECTION DIAGRAMS



Example of connection with 230 V~ lamps



09-2017

REFERENCE STANDARDS

Compliance with Community Directives:

2014/35/EU (LVD)

2014/30/EU (EMCD)

is declared with reference to the following harmonized standards:

- EN 60669-2-1

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1 User Manual

TWILIGHT SWITCHES

⚠ Read all the instructions carefully

The VELUX and VEREG twilight time switches are electronic command devices containing micro-disconnection (μ) according EN60669-2-1 with adjustable intervention threshold. VEREG allows also the adjustment of the hysteresis and of the intervention time.

Code	Model	Description
VJ57030000	Velux	Twilight switch with 1 regulation
VJ57110000	Vereg	Twilight switch with 3 regulations

SAFETY WARNINGS

During product installation and operation it is necessary to observe the following instructions:

- 1) The instrument must be installed by a qualified person, in strict compliance with the connection diagrams
- 2) Do not power the instrument if any part of it is damaged
- 3) The instrument must be installed and activated in compliance with current electric system standards
- 4) Do not use the instrument for purposes different from the one specified.
- 5) The electrical system in the building in which the instrument is to be installed should have an over-current switch and a protection device
- 6) In case of malfunction do not perform repairs and contact immediately the technical support.
- 7) The instrument can be used in environments with category of overvoltage III and pollution degree 2.
- 8) Before accessing the connection terminals, verify that the leads are not live
- 9) After installation, inaccessibility to the connection terminals without appropriate tools must be guaranteed.

TECHNICAL CHARACTERISTICS

- Power supply: 230 Vac (-15% ÷ +10%) 50/60 Hz
- Power absorption: 3VA (0.5W)
- Contact capacity: 10 A/250 V~ on resistant load
- Type load:
 - Fluorescent lamps: max 360 W/230 V~ (cos φ \geq 0.8)
 - Incandescent lamps: max 800 W/230 V~
- Intervention threshold 3 ÷ 70 Lux
- Hysteresis:
 - Velux: 4 Lux uneditable
 - Vereg: 1 ÷ 10 Lux
- Intervention time:
 - Velux: 10 seconds uneditable
 - Vereg: 0 ÷ 40 seconds
- Maximum diameter of the cable grommet hole for the cables passage: 15 mm
- Terminal block for conductors with maximum cables section: 1.5 mm²
- Container: shockproof polycarbonate resin
- Operating temperature: 0 ÷ +50 °C
- Storage temperature: -10 ÷ +60 °C
- Operating humidity: 20 ÷ 90% non condensing
- Protection degree: IP54

4 INSTALLATION

- Installation can be wall or pole (by using the adapter in the package)
- Unscrew the screw and remove the cover
- Pass the cables through the cable grommet on the bottom side and connect the power and the load cables respecting the wiring diagram
- Avoid installing the device in places where dazzle or glare may occur
- Adjust the intervention threshold by the trimmer placed on the bottom side (range 3 ÷ 70 lux)
- Adjust the hysteresis with the trimmer P2 and the intervention time with the trimmer P3 (only Vereg)
- Reposition the cover and screw the lock screw

