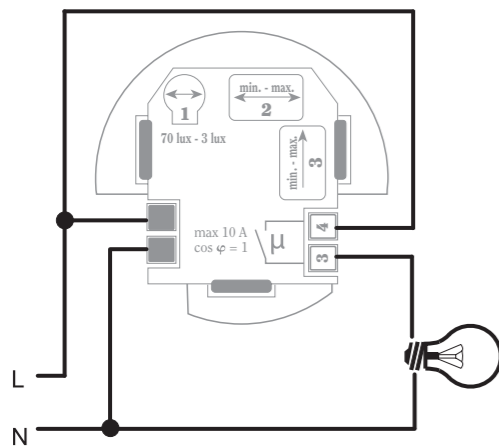


- | | |
|--|--|
| 1) Regolazione della sensibilità: VELUX-VEREG | 1) Réglage de la sensibilité: VELUX-VEREG |
| 2) Regolazione della isteresi: VEREG | 2) Réglage de l'hystérésis: VEREG |
| 3) Regolazione del tempo d'intervento: VEREG | 3) Réglage du temps d'intervention: VEREG |

- | | |
|--|---|
| 1) VELUX-VEREG: Adjustment of sensitivity | 1) Ajuste de la sensibilidad: VELUX-VEREG |
| 2) VEREG: Adjustment of hysteresis | 2) Ajuste de la hystérésis: VEREG |
| 3) VEREG: Adjustment of operating time | 3) Ajuste del tiempo de la intervención: VEREG |

- | |
|--|
| 1) Einstellung der Empfindlichkeit: VELUX-VEREG |
| 2) Einstellung der Hysterese: VEREG |
| 3) Einstellung der Zuschaltzeit: VEREG |

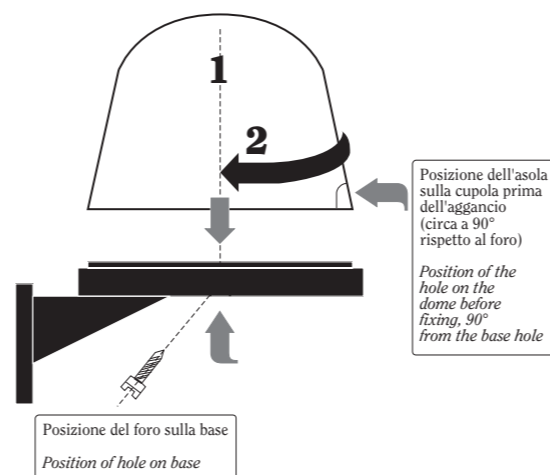


Esempio di collegamento con lampade da 230V
Example of connection with 230V lamps
Exemple de raccordement avec des lampes 230V
Beispiel für die Verbindung mit Lampen 230V
Ejemplo de conexión con lámparas de 230V

Montaggio / Assembly

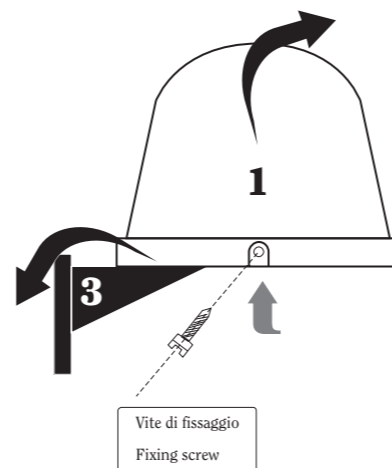
Per fissare la cupola: posizionare la cupola come indicato **(1)** e ruotarla in senso orario **(2)** fino a far sovrapporre l'asola al foro; quindi fissare la vite.

To fix the dome in place: Position the dome as shown **(1)** and rotate in a clockwise direction **(2)** until the holes on the dome and base correspond. At this point, the screw should be fixed in place.



Per togliere la cupola: Togliere la vite e applicare un movimento contemporaneamente sulla cupola **(1)** e sulla base **(3)** tirandole nel verso della freccia.

To remove the dome: Remove the screw and move the dome **(1)** and base **(3)** at the same time, in the direction of the arrows.



User Manual

CREPUSCULAR SWITCHES

Read all the instructions carefully

- The **VELUX-VEREG** twilight time switches are electronic command devices containing micro-disconnection (μ) according to EN 60669-2-1.

SAFETY WARNINGS

During the installation and operation of the instrument, the following safety instructions should be followed:

- The instrument should be installed by qualified personnel
- Read the instructions in this manual carefully
- Carefully follow the instruction diagrams to install the device
- Before gaining access to the connector terminals, make sure the conductors to be connected to the instrument or already connected are not powered
- Do not supply power to the device if any part of it is damaged
- The instrument must be installed and activated in compliance with current electric systems standards
- The electrical system in the building in which the instrument is to be installed should have an over-current switch and protection device
- After installation, inaccessibility to the connection terminals without appropriate tools must be granted.

TECHNICAL SPECIFICATIONS

- Power supply: **230 V** ~ (-15%/+10%) 50/60 Hz
- Power absorption: 8 VA (1W)
- Contact capacity: 10 A/230 V ~ on resistant load
- Type of load:
 - Fluorescent lamps: max 360 W/230 V ~ ($\cos \varphi \approx 0,8$)
 - Incandescent lamps: max 800 W/230 V ~
- Maximum diameter of cable (conductors + sheath) passing through the grommet: 10.5 mm
- Container: shockproof polycarbonate resin
- Operating temperature: 0 °C ÷ +50 °C
- Storage temperature: -10 °C ÷ +60 °C
- Relative humidity: 20%÷90% non-condensing
- Protection level: IP54

VELUX model:

- Wall mounting
- Sensitivity: 3÷70 lux, adjustable
- Hysteresis factor: 4, fixed
- Intervention time: 10 sec approx, fixed
- Terminals for conductors with a maximum section of 4 mm²

VEREG model:

- Wall mounting
- Sensitivity: 3÷70 lux, adjustable
- Hysteresis factor: 1÷10 lux, adjustable
- Intervention time: 0÷40 sec, adjustable
- Terminals for conductors with a maximum section of 2.5 mm²

Legend:

- A)** Dimensions
B) Connection diagrams

INSTALLATION INSTRUCTIONS

- Fix the unit to the wall using the screws provided.
- Do not install in areas where flashes or reflections may occur.
- Remove the dome (see example) and connect 2 cables, passing them through the holes with grommet on the base.
- When connecting, adhere to the diagram shown on the instruction leaflet and on the base of the twilight time switches.
- The settings are already calibrated for the most normal operating conditions.
- If necessary, these can be adjusted as required, using the appropriate trimmers.

REFERENCE STANDARDS

- Conformity with EU directives:
2006/95/EC (low voltage)
2004/108/EC (E.M.C.)
is declared with reference to the following standards:
EN 60669-2-1

Energy Conservation Solutions Pty Ltd

Exclusive Distributor for VEMER in Australia
Locations: VIC/TAS, NSW, QLD, ACT, SA/NT & WA

Phone: 1300 306 136

For contact details visit: www.ecs.net.au