



VEI005

PHOTOCELL SAFETY STRIP "FOTOCOSTA"

Technical features and connecting

- Mobile profile made of EPDM rubber.
- Aluminum profile for fixing to the wall.
- Max. length of profile = 5 mt.
- IP55 electric circuit container.
- 12V dc power supply (D+/D- terminals) - 24V ac/dc (A*/A terminals).
- Modulated transmitter with infrared diode.
- LED 1 green: When lit, it signals that the electronic circuit is fed.
- LED 2 red: When lit, signals that the transmitter and the receiver are aligned. N.B. At the end of sensibility calibration, the LED switches off when the EPDM rubber profile is distorted.
- Two relays in the electronic circuit (K1 normally excited, K2 normally deactivated) guarantee a reciprocal control of operation, should one of the two fail.
- Borne 8 = Common wire
- Borne 6 = Contact normally open (n.o.).
- Borne 10 = Contact normally closed (n.c.).

To be connected to terminal B of the control panel in order to obtain reverse running during closing phase (J1 disconnected), to terminal E to obtain reverse running during opening phase (J1 disconnected), to terminal 2 to obtain permanent blocking of the automatism (J1 disconnected).

Assembly and calibrating instructions

1. Fix the Aluminum profil to the wall of the area to be protected.
2. Insert the rubber profil onto the Aluminum profil using liquid soap or talcum powder to make it easier for the rubber to slide over the Aluminum.
3. Insert the 6 meters long shielded cable into the second chamber, then insert the two caps into the rubber profile.
4. After you have connected the two shielded cables to the "Fotocosta" electronic circuit, turn on the power.
5. Adjust the intervention sensitivity using the trimmer in the electronic circuit. If you rotate the trimmer screw in a anticlockwise (-) direction, the chamber is distorted more, in order to make the relay intervene. if you rotate the trimmer screw in a clockwise (+) direction, the sensibility is greater. N.B. The red LED must always stay lit.
6. Insert the jumper J1 if you want a permanent impulse, for all the time that the strip is distorted. Remove the jumper J1 if you want a single impulse (1 second) when the strip is distorted.

Once you have reached the sensitivity you want, seal the caps with adhesive to prevent humidity from seeping in.