

MODULAR LIGHTING CONTROL 2 DIN MODULES - With separate probe

Intervention threshold from 2 to 200 lux



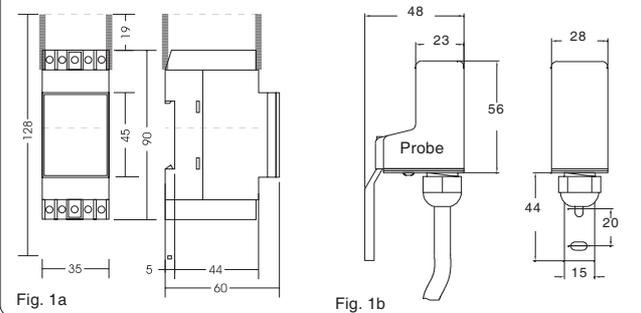
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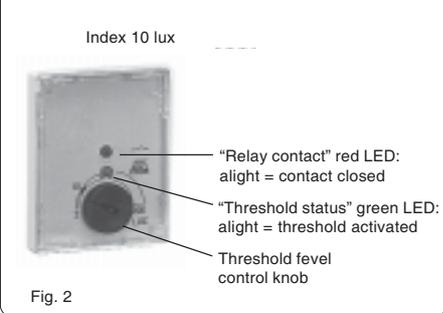
1 - TECHNICAL SPECIFICATIONS

Supply voltage:	230 V~ 50 ÷ 60 Hz
Type of disconnection and equipment:	1 B / Electronic
Type of output:	relay, with single-pole NO voltage-free, contact 16 (3) A / 250 V~
Maximum pilot circuit power:	3500 W $\cos\phi = 1$ 1080 W / 230 V~ incandescent lamps (18x60 W) 720 W / 230 V~ $\cos\phi = 0.8$ fluorescent lamps 200 W / 230 V~ $\cos\phi = 0.9$ DUO type lamps
Maximum section of terminal wires:	2.5 mm ²
Type of insulation:	class II
Protection level of module:	IP20 IP30 (wall-mount with terminal cover) IP40 (panel mounting) IP65 (with cable diam. 4 ÷ 8 mm)
Protection level of probe:	normal
Pollution:	0 °C ÷ +55 °C
Operating temperature limits of module:	-30 °C ÷ +65 °C
Operating temperature limits of probe:	-10 °C ÷ +65 °C
Storage temperature limits of module:	-40 °C ÷ +75 °C
Storage temperature limits of probe:	2 ÷ 200 lux, adjustable
Actination threshold:	8 seconds – 10%
Delay time at switching on:	38 seconds – 10%
Delay time at switching off:	LVD EN60065
CE reference standards:	EMC EN55014-1 EN55014-2
(Directives 73/23/CEE - 89/336/CEE)	EN61000-3-2 EN61000-3-3

Dimensions



Controls and indicators



2 - MODULE INSTALLATION

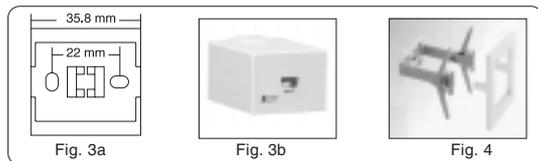
Important: the installation and electrical connection of devices and equipment must be performed by qualified personnel in conformity with current standards and regulations. The manufacturer does not assume any responsibility concerning the use of the products, which must conform to particular environmental and/or installation standards.

Installation of the device: independent - fixed

- on DIN rail
- wall mount with back plate (fig. 3a) and terminals-cover (fig. 3b) (to be orderer)
- panel mounting with Kit (to be orderer) (fig. 4)

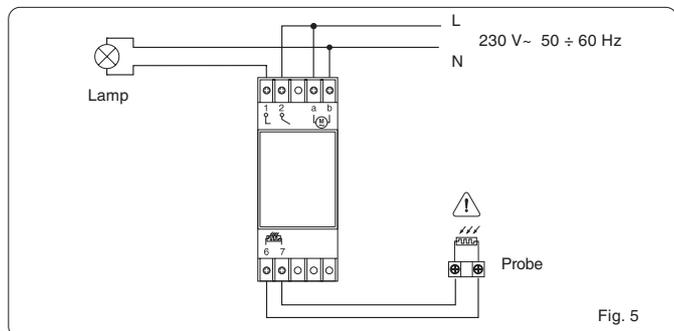


CAUTION: in agreement with the requirements of system safety standards, the supply line (230 V~) must be disconnected before the electrical connections are made.



3 - MODULE ELECTRICAL CONNECTIONS

- Turn off the mains supply.
- Connect the 230 V~ supply to the terminals:
 - a (Line)
 - b (Neutral)
- Connect the load as indicated in figure 5:
 - Neutral (N) directly to the lamp
 - terminal 1 (normally open) to the lamp
 - terminal 2 (common) to the line
- Connect the wires coming from the probe to terminals 6 and 7 of the twilight switch.

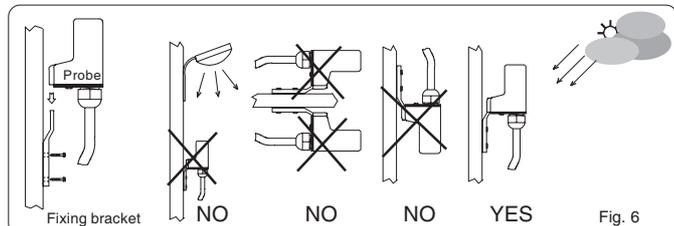


CAUTION: the electrical connection to the separate probe must be made by a twin cable that has a minimum external diameter of 4 mm, a maximum of 8 mm and with the section of each conductor 0.75 ÷ 1.5 mm².

4 - INSTALLATION OF THE PROBE

Installation on a wall or pole using the fixing bracket provided.

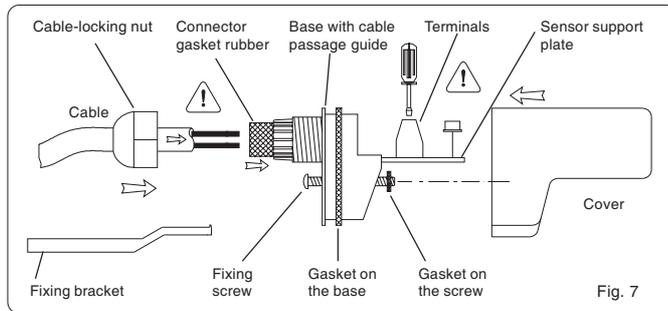
- Fix the bracket to the wall (fig. 6).
- Make the electrical connections to the probe (see following paragraph).
- Insert the body of the probe onto the bracket until it locks (the tooth snaps on the bracket).



5 - ELECTRICAL CONNECTION OF THE PROBE

(see fig. 7)

- Remove the cover (unscrew the fixing screw).
- Unscrew the cable-locking nut and fit it onto the cable.
- Check that the gasket rubber is correctly inserted into the base cable connector.
- Insert the cable into the connector and connect to the terminals (fig. 5).
- Check that the sensor support plate is correctly fitted on the base.
- Tighten the cable-locking nut.
- Check the position of the gaskets on the base and on the screw.
- Replace the cover on the base and tighten the fixing screw.



CAUTION: once the connection has been completed, the electrical parts will be live: do not open the protective cover without first disconnecting the 230 V~ supply.

6 - PUTTING INTO OPERATION

Set the desired intervention threshold (from 2 to 200 lux) by using the lux regulation dial.

N.B. : on the frontal the approximate corresponding position to the intervention threshold of 10 lux is indicated (fig. 2).

If the GREEN LED is illuminated, this indicates the activation status of the threshold.

If the RED LED is illuminated, this indicates that the relay contact is closed (illumination lit up).

ATTENTION: the separate probe is available as a spare part.

The manufacturer reserves the right to introduce any modification without prior notice.