CELLULA 130

D811289 19-09-02 Vers. 02

PHOTOCELLS

1) GENERAL OUTLINE

Cellula 130 Mod. recessed photocell to be fitted externally, consisting of a pair of transmitters and receivers having a double relay which is normally energised, as provided for by the relevant standards.
This product complies with the recognised technical standards and safety regulations. We declare that this product is in conformity with the following European Directives: 89/336/EEC (and subsequent amendments).

2) TECHNICAL SPECIFICATIONS

Power supply:20-31 Vac;Absorbed power:70 mA; Max range: 30m(reduced in case of fog / rain); Relay contacts:1A at 24Vac-dc; Working temperature:-15°C to +70°C; Degree of protection:IP54 Dimensions: see Fig. 1

3) PHOTOCELL FITTING

The photocells should be installed between 40 and 60 cm in height, in the following ways:

- Installation on a wall (fig. 1): check that the securing surfaces are level and parallel. Make 2 ø 4 mm holes using the back mask as a drilling template. Then insert the screw anchors supplied and proceed to securing and connecting the photocell.
- Installation on an iron pillar (fig. 2): Check that the securing surfaces are level and parallel. Fix the back mask to make 2 ø 2.5 mm holes where the self-tapping screws are to be fixed.
- If there is no pillar or wall for the photocells to be secured to, request the appropriate metal posts. The posts can be directly secured onto a concrete base by means of three screw anchors.
  Perfect alignment is ensured by the adjustment slots provided in the base (fig.3).
- In the case where two pairs of photocells are installed close to each other, cross the RX-TZ positions (fig. 4).

4) CONNECTION TO THE TERMINAL BOARD (Fig. 5)

Transmitter - Receiver
1-2 Power supply
3-4 Normally closed contact
3-5 Normally open contact
To connect more than one pair of photocells, connect the contacts of each RX receiver in series (fig. 4).
Warning! The installation must be carried out by qualified personnel.

5) PHOTOCELL ALIGNMENT

Correct photocell alignment is achieved when the LED of the RX receiver (fig. 5) lights up and stays on, even after fitting the cover provided with the concentration lens. When an obstacle is present between the RX receiver and TX transmitter, the LED goes off and opens the contact.

Fig. 1

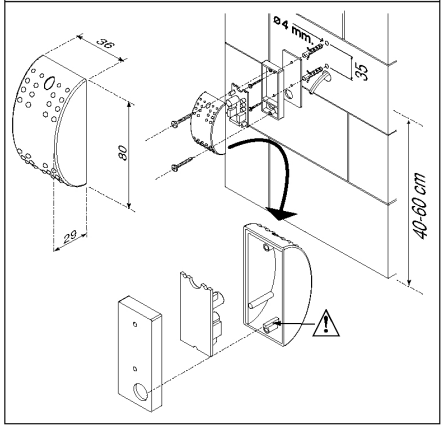


Fig.2

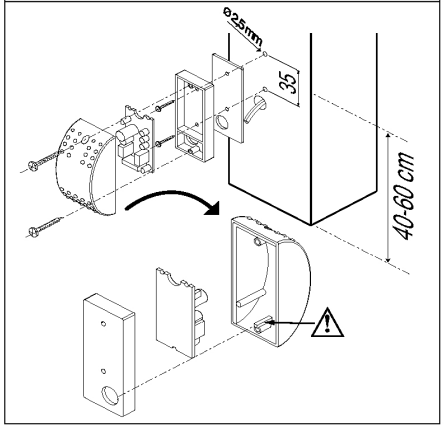


Fig.3

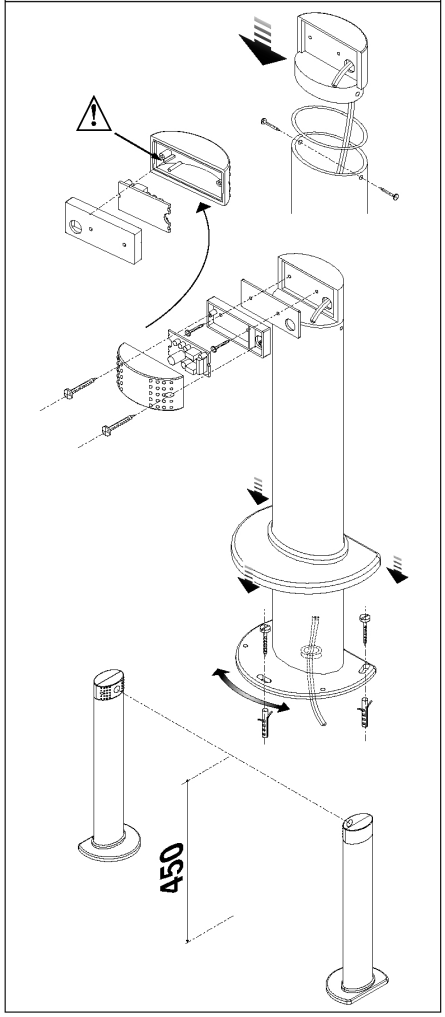


Fig.4

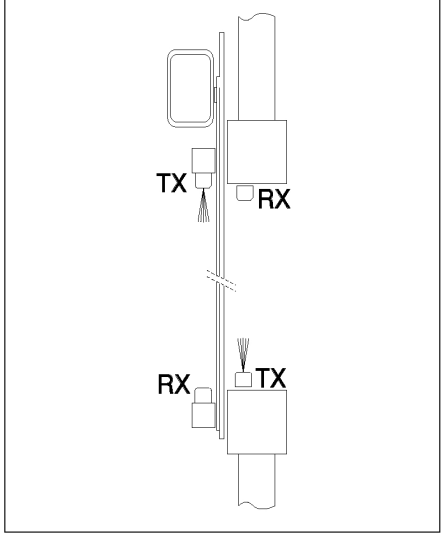
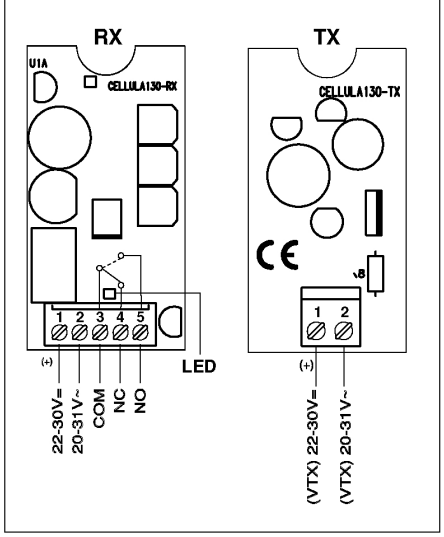


Fig.5



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