

## BUILT-IN PHOTOELECTRIC CELL MF4



Modulated infrared barrier .  
Operating with opposed transmitter and receiver. Double safety relais (one energised and one die-energised).

### **Technical data:**

- Max. nominal load : 40 meters
- Power supply : 12-24V AC-DC
- Consumption pair ( IT + IR ) : 2W
- Working temperature : -10 55 °C
- Container : ABS
- Protection degree : IP 54
- Dimensions : see fig. 1

### **MF4 Transmitter:**

- Modulation frequency : 1000Hz
- Infrared wave length : 950nm

### **MF4 Receiver:**

- Relais contacts : 1A max a 30 VDC
  - Output contact normally open : NA
  - Output contact normally closed : NC
- Red Led that is when the photocells are aligned

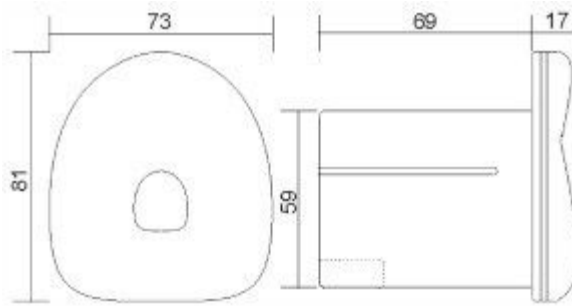


Fig. 1

**Terminal board connections: (fig. 2)**

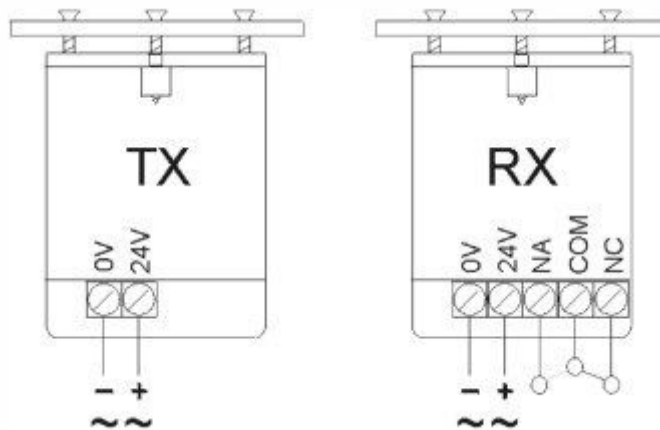


Fig. 2

**Installation**

- Open the photocell box and fix the back part to the wall using the four holes .
- Connect the cables to the terminal board following the scheme (fig. 2).
- Fix the internal body with the three A screws (fig. 3).
- Use the three B screws (fig. 3) to obtain the alignment of the transmitter with the receiver; the receiver is equipped with a red internal pilot lamp that is on when both photocells are aligned.
- Tighten the lid with the C screws.

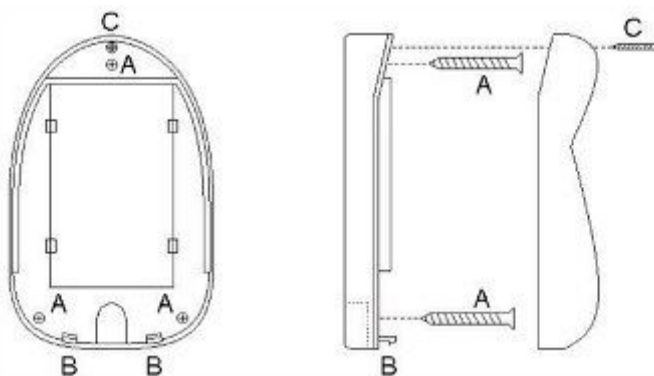


Fig. 3

MF4 complies with the requirements of Directive EMC 2004/108/EC.

