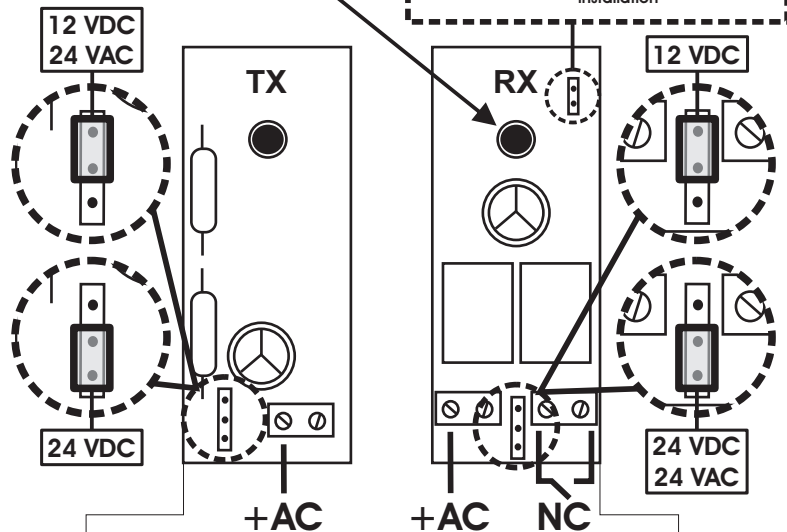


QK-FTP_V4 Photocell

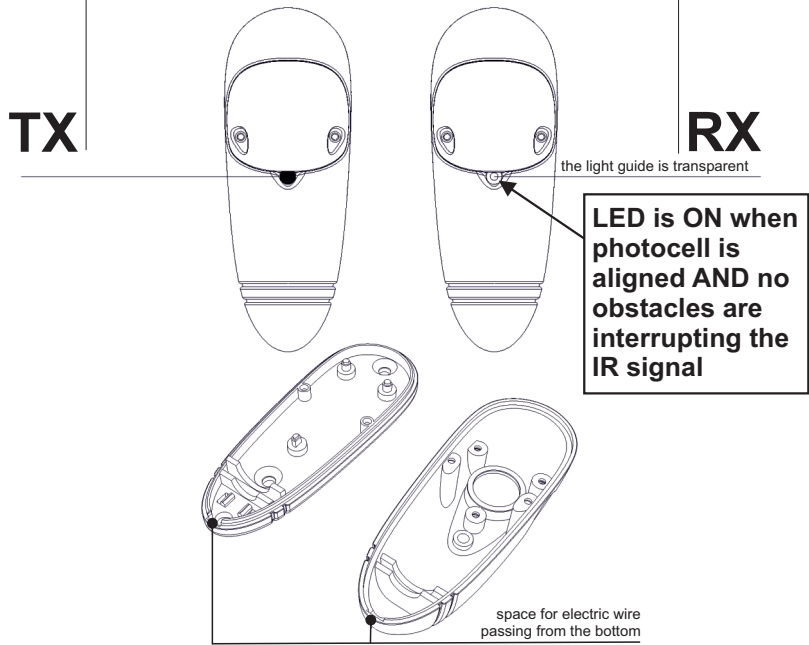
The photocell's receiver is equipped with a dedicated accessory to limit the disturbance caused by the direct exposition to the sunlight.



ALIGNMENT JUMPER
CAUTION: Remove the jumper after installation



The photocells are predisposed to a 24V power supply. In case of a different supply move the jumper adequately.



- 1) Fix the base to the wall or to the post with the two screws and/or wedges supplied.
- 2) Observe the right height and direction by fixing the transmitter and the receiver in a frontal position on the same axis.
- 3) Plug the wires into the block bearing in mind that the RX terminals have to be in a normally closed contact when the photocell is centered and supplied.
- 4) Supply the transmitter and the receiver with 12VDC or 24V AC/DC voltage as given in the table (**note: 12VAC is NOT AVAILABLE**).

NOTE: if the positioning, the alignment and the connections are correct the red led of the receiver will be lit even without cover (max 6/7 mt). For higher range the led will be lit only by putting the cover (with incorporated lens).

If the beam between TX and RX is interrupted, the red led must be turned off, the relay contact has to shift from normally closed to a normally open contact and the contact on terminals 3 and 4 must be opened.

Put the protection covers and make sure they are in the right position and well fixed.

WARNING: After installation it is necessary to remove the alignment jumper on the receiver Rx, otherwise the photocells will not function properly.

TECHNICAL CHARACTERISTICS	
range	40 m (*)
signal	infrared modulated
wave length	915 nm
frequency of modulation	900 Hz
power supply	12/24 V ac/dc +/-10%
absorption	50 mA Tx + Rx
work temperature	-25 °C +70 °C
relay range	max 0,5 A - 24 V with resistive charge
weight	200 gr

(*) this value can be reduced up to 70% under exceptional atmospheric conditions or in case of bad alignment.

