



King Gates S.r.l.
 Phone +39.0434.737082 Fax +39.0434.786031
 info@king-gates.com www.king-gates.com

Atentionari generale

Atentie ! - Instructiuni importante: pastrati acest manual intr-un loc sigur pentru a permite viitoarele operatiuni de intretinere si reciclarea a produselor.

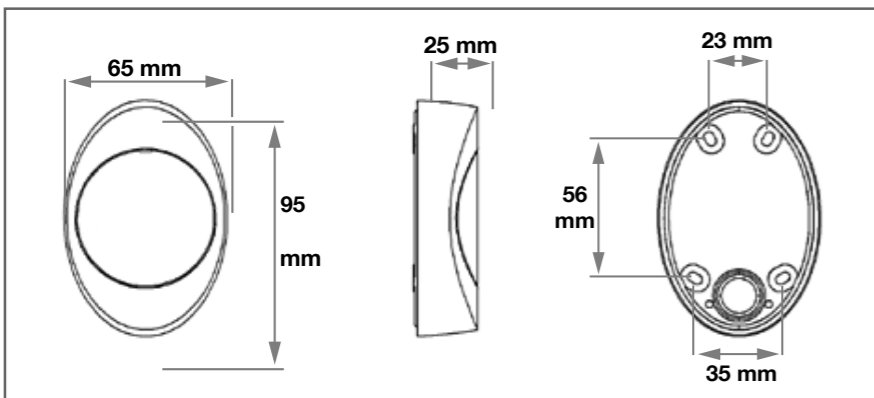
- Never make modifications to any part of the product. Operations other than as specified can only cause malfunctions. The manufacturer declines all liability for damage caused by makeshift modifications to the product.
- The product's packaging materials must be disposed of in full compliance with local regulations.

EN - GENERAL DESCRIPTION

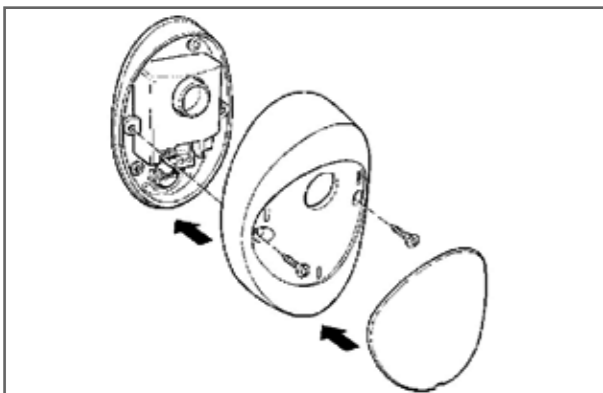
The "Viky30" photocells are devices that reveal obstacles situated on the optical axis between the transmitter (TX) and the receiver (RX).

EN - TECHNICAL DATA

Power supply (TX-RX)	without jumper: 24Vac/Vdc (limits 18÷35Vdc, 15÷28Vac); with "12V" jumper: 12Vac/Vdc (limits 18÷35Vdc, 15÷28Vac)
Case	ABS
Size	95 x 65 x 25 mm
Weight	65 g
Degree of insulation	IP55
Infrared wave length	10 m
Working temperature	-20 +55°C

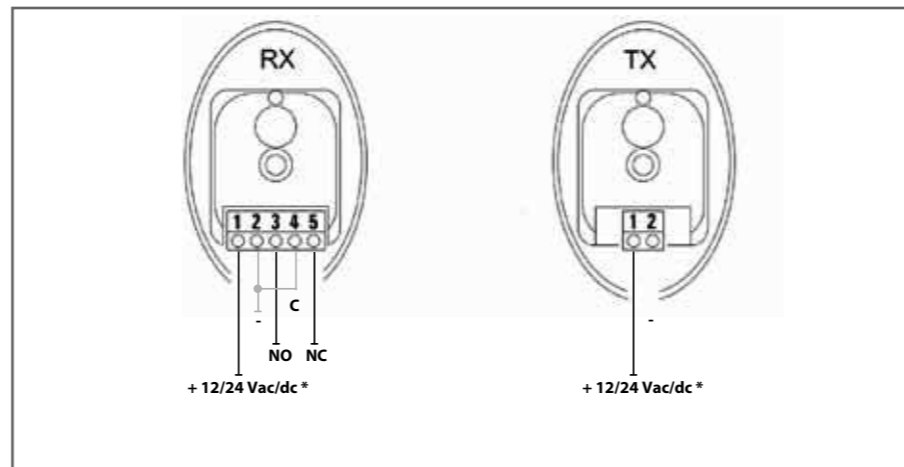


Montarea fotocelulelor



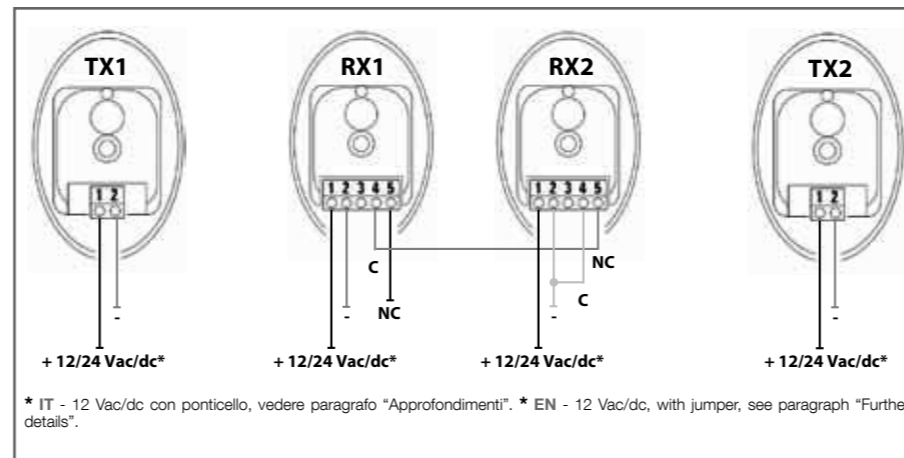
EN - WIRING

PAIR OF PHOTOCELLS ON KING-GATES CONTROL



EN - WIRING

MORE THAN ONE PAIR OF PHOTOCELLS ON KING-GATES CONTROL UNIT



* IT - 12 Vac/dc con ponticello, vedere paragrafo "Approfondimenti". * EN - 12 Vac/dc, with jumper, see paragraph "Further details".

EN - FURTHER DETAILS

In the case of two pairs of photocells placed close together, the range of a transmitter may interfere with the other receiver (fig. 1) reducing the guarantee of adequate safety. To remedy this situation, only in the case that AC power supply is available, the synchronisation system can be used, which enables alternate use of the two pairs of photocells.

This system cuts the synchronisation jumper "SINC" on the two TX (fig. 2) and the pair of photocells (TX and RX) is powered with the phases inverted with respect to the 2nd pair. (fig. 3).

- Photocells Viky30 can be powered, if required, with 12V rather than 24V; to enable this, a watertight jumper must be made between the two "12V" points both on TX and RX (fig. 2).
- If the distance between TX and RX exceeds 10 metres, cut the jumper between the points "+10m." of RX (fig. 2).
- Check Table 1 to verify the photocell status on the basis of the type of flash of led "A" on the receiver (fig. 4).

TABLE 1

LED "A"	Meaning	Output status	Action
Off	Signal OK = No obstacle	Active	All Ok
Slow flash	Low signal = No obstacle	Active	Improve centring
Fast flash	Very bad signal = No obstacle	Active	Check centring, condition and environment
Always on	Zero signal = Obstacle present	Alarm	Remove obstacle

