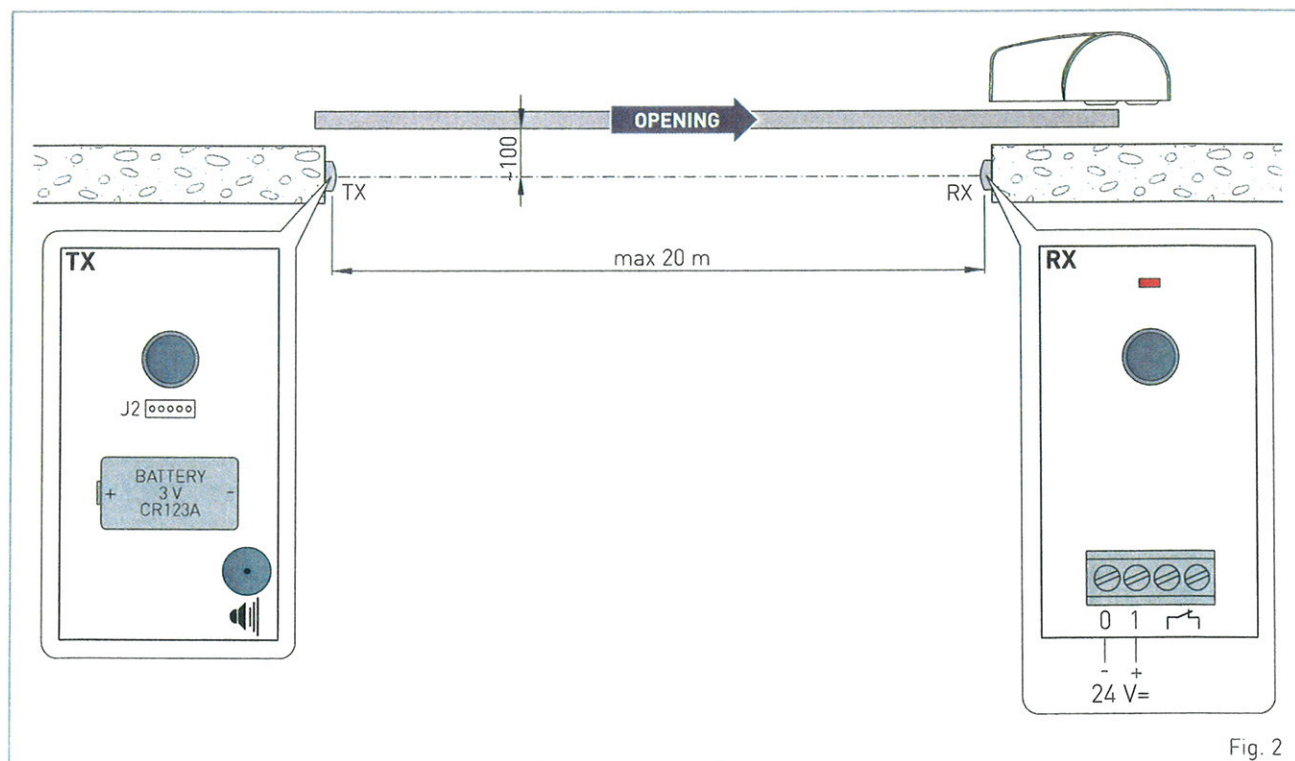
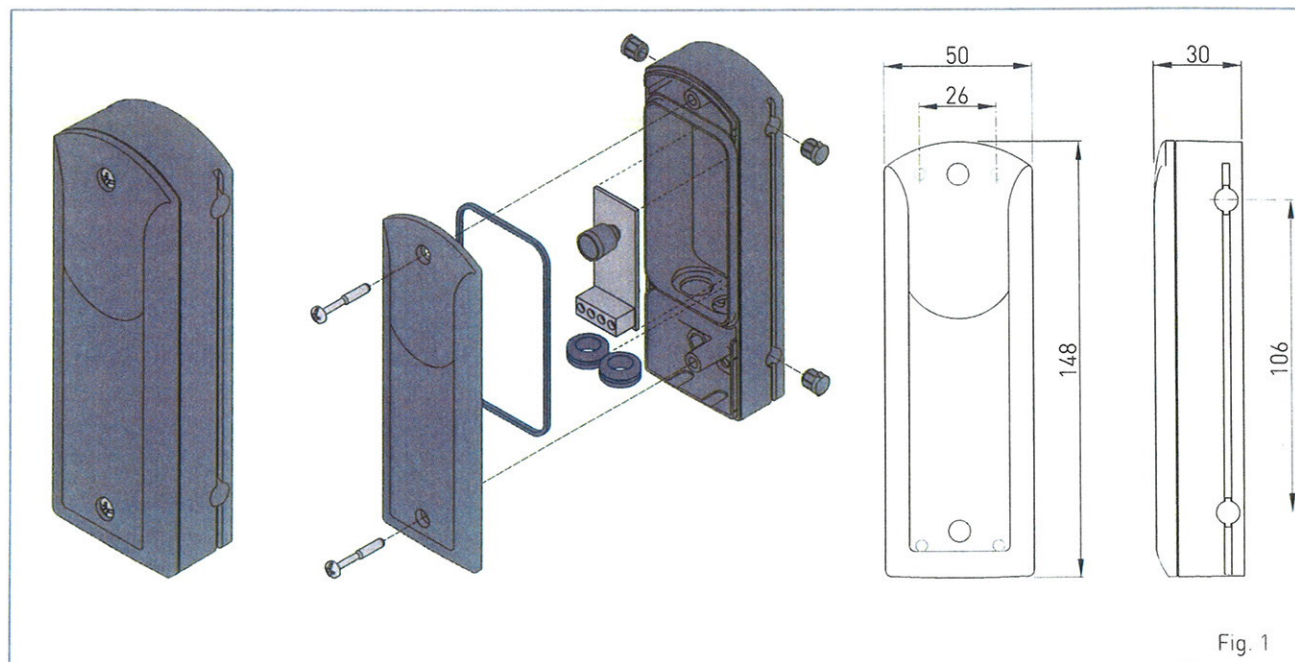


Ditec LAB4S

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Manuale di installazione fotocellula LAB4S
Installation manual for LAB4S photocell



Entrematic Group AB
Lodjursgatan 10
SE-261 44, Landskrona
Sweden
www.ditecentrematic.com

www.ditecentrematic.com

General safety precautions



This installation manual is intended for professionally competent personnel only. Read the instructions carefully before beginning to install the product. Incorrect installation may be a source of danger. Packaging materials (plastic, polystyrene, etc.) must not be allowed to litter the environment and must be kept out of the reach of children for whom they may be a source of danger. Before beginning the installation check that the product is in perfect condition. For repairs or replacements of product only original spare parts must be used. These instructions must be kept and forwarded to all possible future user of the system.

1. Technical data

RX power supply	24 V $\overline{\text{m}}$ / ~
RX absorption	35 mA max
TX absorption	30 μ A max
Range	20 m max
N.C. contact output	24 V / 1A
Temperature	-20° C / +55° C
Degree of protection	IP55

2. References

RX	Receiver
TX	Transmitter

3. Applications

The LAB4S photocells are used as a protection device for motorised doors and gates. The TX transmitter is fitted with a battery and it is not necessary to connect it to a control panel.

The LAB4S photocells can be used as protection photocells for the passage opening (fig. 2), without needing to connect the TX transmitter.

4. Installation

The photocells must be installed respecting the standards and directives currently in force.

Position the RX receiver the TX transmitter along the optic axis. They can be fastened directly on the wall, at the front or sides.

Make the electrical connections, as shown in fig. 2.


5. Checking for proper operation

Close the photocell with the panel and apply the attenuation filter label on the outside.

Interrupt the beam and check relay switchover (by the sound) and the switching on of the red LED on the RX receiver.

The attenuation filter label simulates unfavourable environmental conditions. When you have completed the checks, remove the filter label.

6. Signals

Signal	Description
RX 	Output activation.
Buzzer	Flat battery.

7. Maintenance schedule (every 6 months)

For the correct working of the photocells:

- keep the external surfaces of the RX receiver and the TX transmitter clean;
- check functioning as shown in chapter 5;
- replace the battery of the TX transmitter every 24 months, or when you hear the acoustic signal indicating a flat battery.

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