

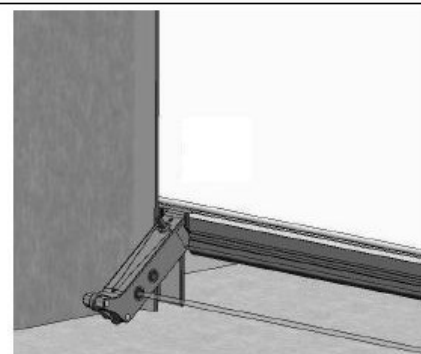
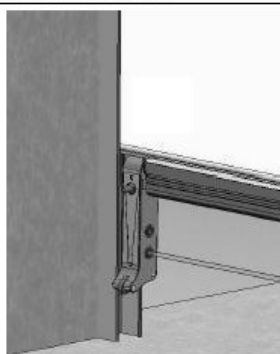
# FOT035



No-touch is a safety device created and patented in order to guarantee the safety of automations such as rolling shutters and main entrances. Its feature is due to the fact that its installation prevent any object from having a physical contact with the edge of the automation. As a matter of fact by installing the device on the final edge of the automation, this is protected by an infrared beam which is far nearly 13 cm from the edge that prevent the contact. The peculiar system of "self-stabilizing" allows the control in every condition, even in presence of vibrations. The system is composed by two different parts, the first is an infrared transmitter, the second an infrared receiver. The NO TOUCH device must be inserted on the entrance used for the securities, which is present in every main control-box for motors. **ATTENTION: read carefully the manual before the installation.**

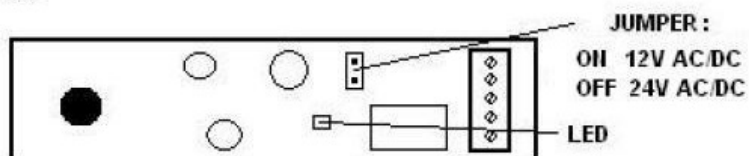
## Technical features

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Power supply                   | 12 or 24V ac/dc selectionable by a jumper    |
| Absorbion                      | 60mA nearly to 24 V ac                       |
| Max reach in mt.               | 10 mt nearly                                 |
| Infra-red modulation frequency | 1,33 KHz                                     |
| Wave length                    | 950nm                                        |
| Reach of contact relay         | 1A to 24 Vac                                 |
| Led transmitter signal         | power supply on                              |
| Led receiver signal            | If turned on, it advices the right alignment |
| Protection degree              | IP54                                         |
| Dimensions (cm)                | 21 x 4 x 3,5                                 |
| Weight                         | 310 gr per couple                            |

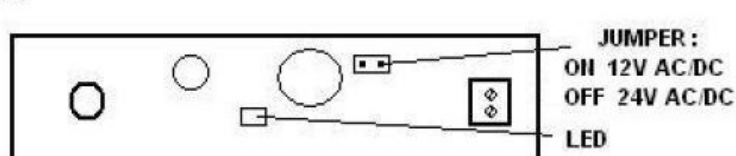


## ELECTRONICS

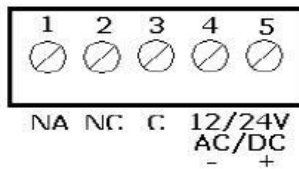
RX



TX

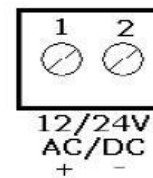


### Receiver terminal



- 1 Contact N.A.
- 2 Contact N.C.
- 3 Common contact
- 4 Power Supply 12/24V ac/dc -
- 5 Power Supply 12/24V ac/dc +

### Transmitter terminal



- 1 Power Supply 12/24V ac/dc -
- 2 Power Supply 12/24V ac/dc +

## ELECTRICAL ASSEMBLY

### Transmitter

Referring to the data sheets in the previous page, connect the transmitter to a source of energy at 24 or 12V ad/dc, taking care of plugging, or not, the jumper as it shows. If the power-supply is on DC please respect the polarity written on the terminal.

**ATTENTION:** In order to respect the conditions, the control-box to which the system is connected, must be provided with safety tests.

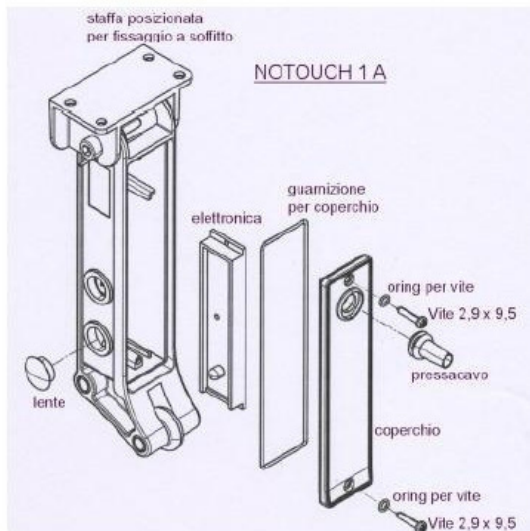
This test checks the good working of the system before every movement of the motor. About this fact it could be necessary to connect the transmitter to an appropriate output indicated on the central motor. See the control-box instructions for the right connection.

### Receiver

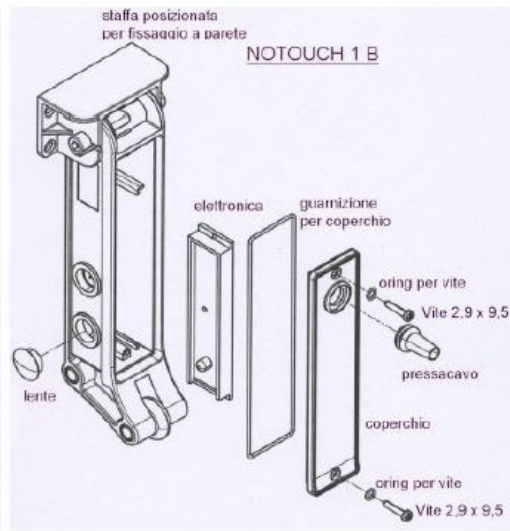
Referring to the data sheets in the previous page, connect the receiver to a source of energy at 24 or 12V ad/dc, taking care of plugging, or not, the jumper as it shows. If the power-supply is on DC please respect the polarity written on the terminal. After having connected the power-supply cables, connect the wires that link up the control-box input used for the safetys to the NO TOUCH. About this, the infrared receiver has on the terminal the contacts of the signalling led. In particular there are: COMMON, NO ( normally open), NC ( normally close). The standard connection expects the utilization of the NC and the COMMON connected to the safety entrance of the control-box.

## MECHANICAL ASSEMBLY

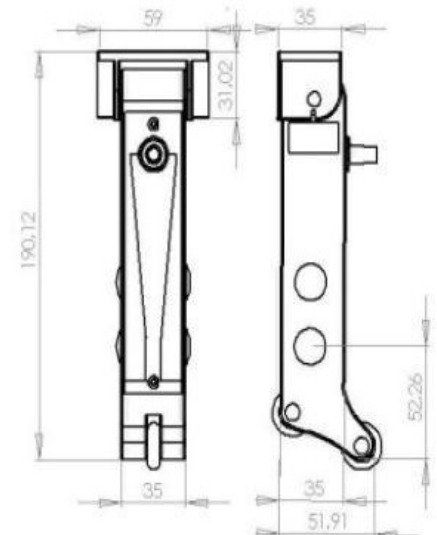
### Positioning on the ceiling



### Positioning on the wall



### Dimensions



### Note:

staffa= STIRRUP; guarnizione per coperchio=GASKET FOR COVER; vite=SCREW; pressacavo=PRESSCABLE

For the mechanical installation follow the drawings above. For a right use of protection, remember to pay attention to insert the gaskets, o-ring and presscable in the right way. There are two different fixing stirrups, depending on where you want to fix the device, on the ceiling or on the wall.