

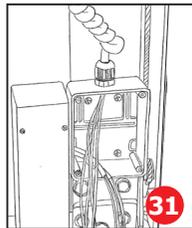


# TSD

Total Safety Door

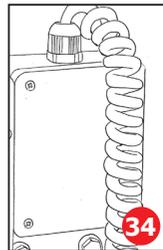
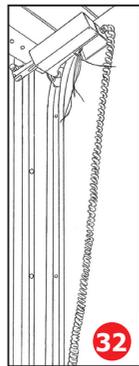
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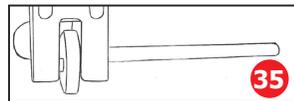


31 - fix the spiral cable

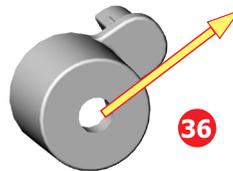
32 - the wall box must be positioned at half height of the door.  
WARNING:  
DO NOT CUT the spiral cable



34 - fix the cover to the box with the 4 screws Ø3x16 supplied



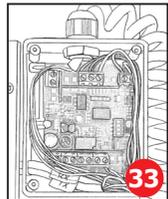
35 - put the two safety rods on the sliding rods of the TSD (opposite part of the photocell)



36 - position the provided ant glare protecting cover (not mandatory) and adjust the front hole as in the table:

hole Ø2,5 (supplied):	doors up to 2.500
enlarge the hole at Ø3,5:	doors from 2.500 to 3.500
enlarge the hole at Ø4,5:	doors over 3.500

WARNING: for assembling the door without kickplate, fit the microswitch connecting the two wires of the micro "open contact" in parallel with the contact C (common) and the contact NC on the device card.



33 - connect all the cables of the card (see the electric wiring supplied) and connect the spiral cable to the control. Carry out the test and the adjustments

## Total Safety Door

### TROUBLESHOOTING:

#### THE PHOTOCELL DOES NOT "TRIP":

- \* check if the TX and RX cable connection is correct
- \* set the potentiometer (trimmer) to MAX (+)

#### THE DOOR REACHES THE GROUND AND REVERSES THE RUNNING AUTOMATICALLY:

- \* set the potentiometer (trimmer) to MAX (+)

#### THE TSD BODY ROD DOES NOT SLIDE WELL:

- \* check if the cover is closed correctly and close to the screws which are screwed tight
- \* check if the cable in excess in the body is correct (not to much or short)



# TSD

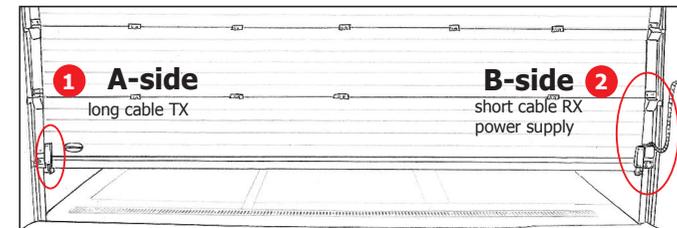
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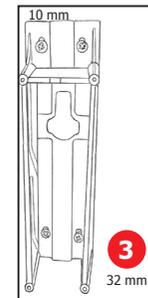
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## Installation manual

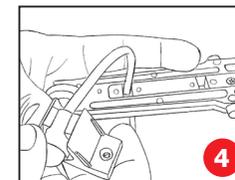
**WARNING:** for the use of standard photocells the connection of TX and RX cable must be reversed (see the instructions for the electric connections)



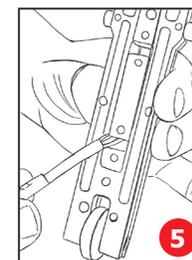
- 1 - the short cable of RX photocell must be put in the B-side (where there are the box and the power supply)
- 2 - anche il cavo spiralato va utilizzato nel lato B (alimentazione)



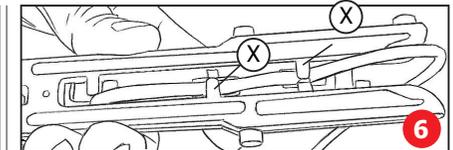
3 - place the body 32 mm above the floor and away 10 mm from the side iron box and fix it with the two provided self-drilling upper screws Ø3,9x13. Make a hole Ø8 in the lower gasket of the door both at the A-side and at the B-side.



4 - position the photocell: pay ATTENTION to the direction (raise it light on the back to insert it)

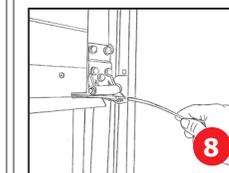
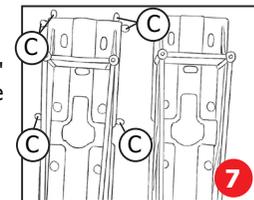


5 - slide the cable into the body groove (A-side) (in the big hole near the wheel)



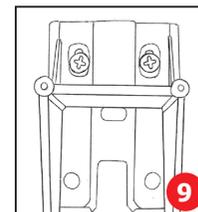
6 - fix the cable into the rod (A-side) by using "X" tongues

7 - remove all "C" spacers from the body (A-side)



8 - insert the feeler from B-side to A-side and insert the cable of TX photocell

9 - fix the body (A-side) to the door with the two provided self-drilling screws Ø3,9x13 and keep them loose



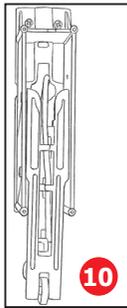


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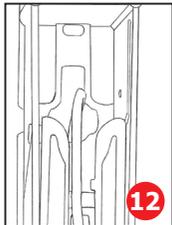
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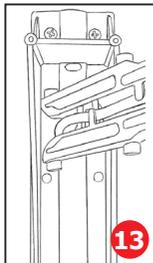


10 - put the rod in the body by inserting the 4 feet in the respective grooves and slide the cable in the groove behind the body (A-side)

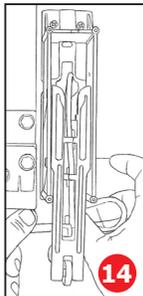
11 - close the door to check the floor height (rod completely up and door completely closed)



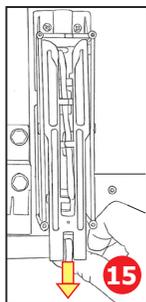
12 - let some cable stick out of the upper side so that the rod (A-side) can move freely (but not to much)



13 - remove the rod, fix the body (A-side) by screwing the provided upper self-drilling screws Ø3,9x13, fix the two back screws and position the rod again



14 - insert the rest of the cable into the gasket of the door from the A-side to the B-side



15 - verify the sliding of the rod (A-side) into the body. If necessary, adjust the length of the cable keeping the two sides open to let the rod slide freely



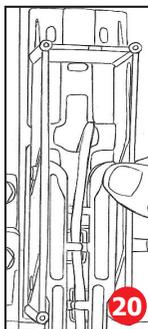
16 - remove the spacers from the body, fix the cover (A-side) with the 4 screws Ø3x16 supplied and check if the body is positioned in the right way: the rod must slide freely

17 - fix the body (B-side) to the door with the other 2 screws Ø3,9x13 supplied after making the cable of the body (B-side) slide underneath

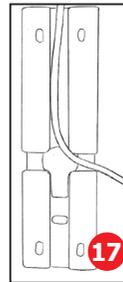


18 - fix the cable into the rod (B-side) with the tongues

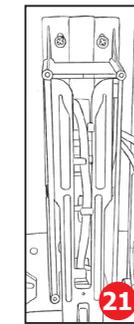
19 - let the cable slide into the groove of the body (B-side)



20 - put the rod into the body with the 4 feet in the respective grooves

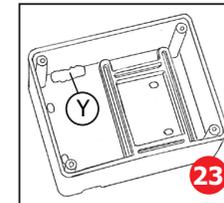


19



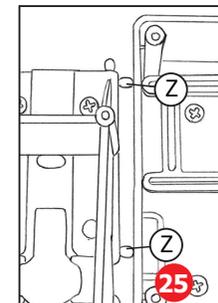
21 - let the necessary cable in the upper side so that the rod (B-side) can move freely - check the sliding as at point 15

22 - fix the body (B-side) with the two provided self-drilling lower screws Ø3,9x13

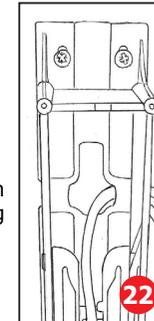


23 - make a hole "Y" on the box side where the cables must go through

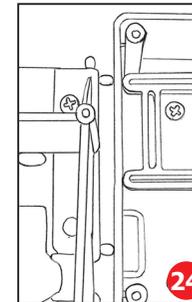
24 - place the box near the body and close to the spacers after positioning the cables



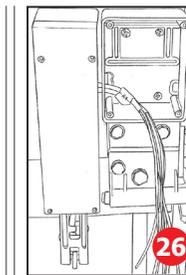
25 - remove "Z" spacers from the body



22

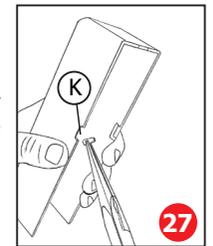


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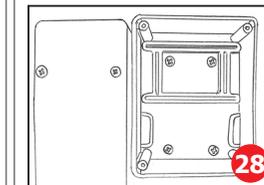


26 - fix the box with the 4 provided self-drilling screws Ø3,9x13 and cut the cables at the right length. Put the TX and RX labels (WARNING: check that the labels are put correctly) RX must be put on the short cable

27 - make a way for the cables "K" on the TSD cover and shape any sharp edge that may cut the cable

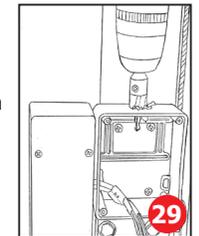


27

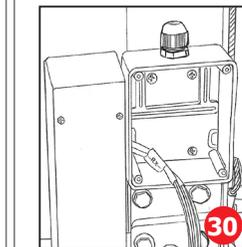


28 - fix the cover (A-side) to the TSD body with the 4 screws Ø3x16 supplied and check the sliding

29 - drill the box with a cutter



29



30 - position a cable lead-through PG16

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