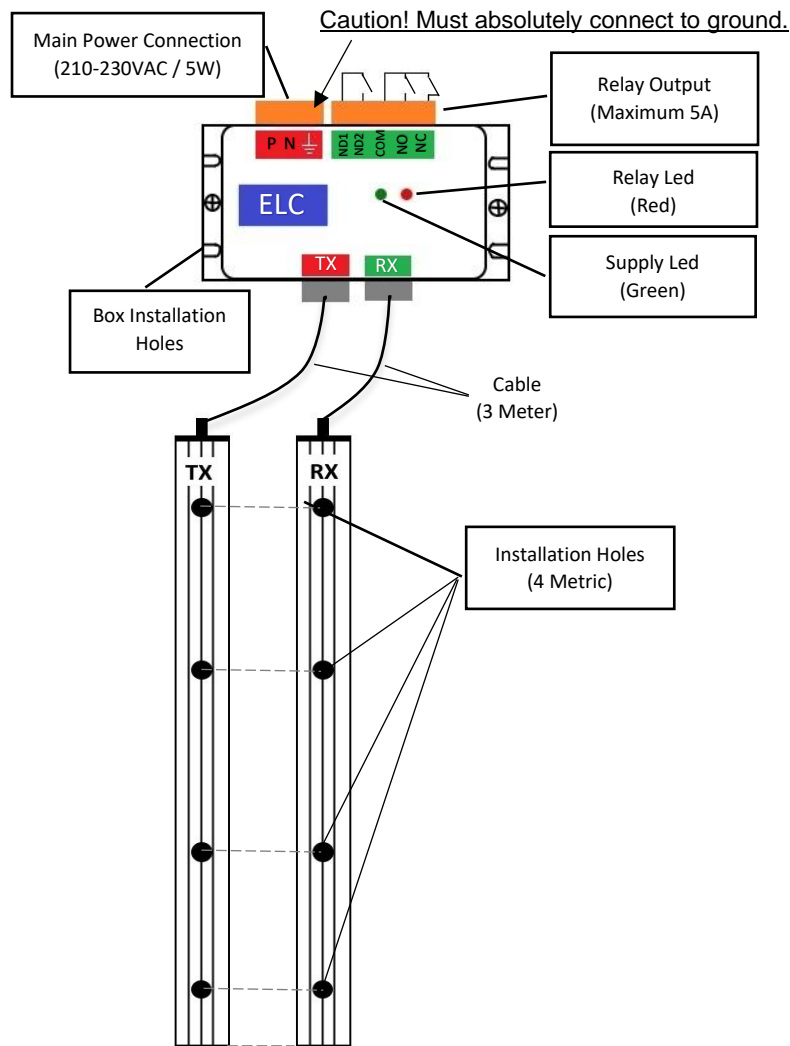


ELC-35L User Guide

Electronic Light Curtain with 35 Leds for Elevators



Installation:

1- Install the RX and TX profiles of light curtain in the car and car door in the same line.

Caution ! Do the installation from the 4 metric holes on the profiles. Do not drill any other holes.

2- Place the light curtain power box to the top of the car and do the main power connection.

3- Plug RX and TX units cables in power box. Be sure that both cables are pliable without hanging around while the door movement.

Caution ! Keep away RX and TX connection cables from high voltage and high current cables.

Working:

1- When main power is given to the light curtain power box, GREEN supply led will be ON.

2- If there is an obstacle between the receiver and the transmitter (RX-TX), RED relay led will be ON. In this situation, relay output will change the position.

Note: If RED led is ON without an obstacle between RX-TX, please check the connection cables.

3- If the obstacle between receive and transmitter (RX-TX) doesn't stand out for a certain period of time, it will be a voice warning with the internal buzzer.

4- To remove permanent obstacles specified in front of the door in EN81-20 standards, if the obstacle between receive and transmitter (RX-TX) is still detected after 25 seconds, nudging relay contact is closed.

After the obstacle between RX-TX after 7 seconds disappears, nudging relay contact is opened.

Maintenance:

1- Frontal plexi surface must be clean. It can be cleaned by a moist soft cloth.

2- Frontal surface must not be scratched for not to break down the infrared communication.

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