

QUICK INSTALLATION GUIDE



RAPID ROLL-UP DOOR TYPE

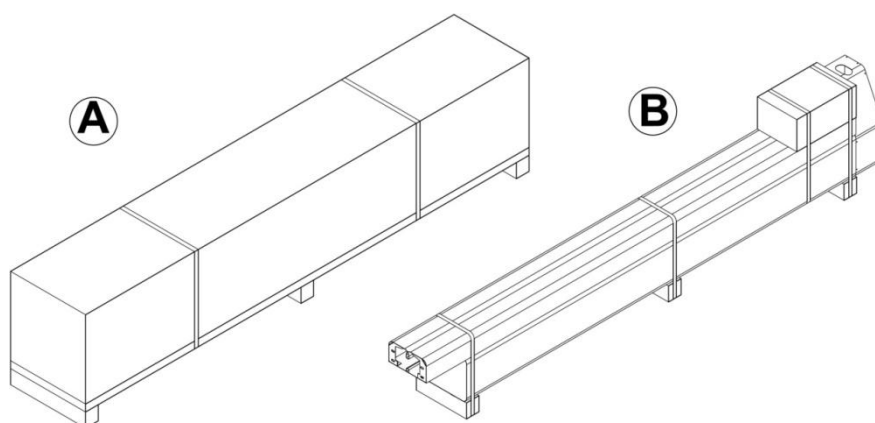
RUN



CSI
Certificazione e Testing

PACKAGE CONTENT

Shipping crate

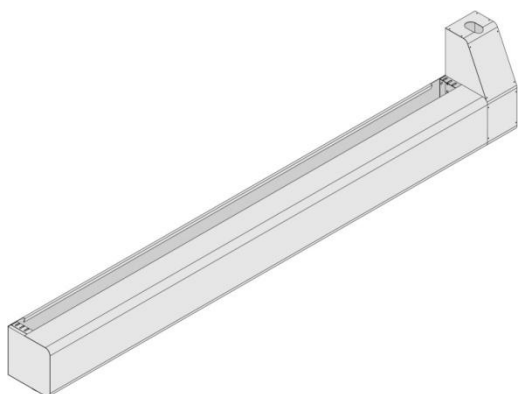


A) Packaging crate in wood and carton

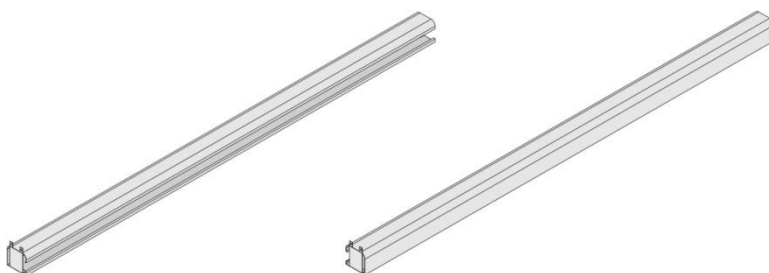
B) Standard packing

C)

Heading



Columns



PVC Fabric

The curtain for “Run” model is rolled on the barrel inside door heading

Accessories

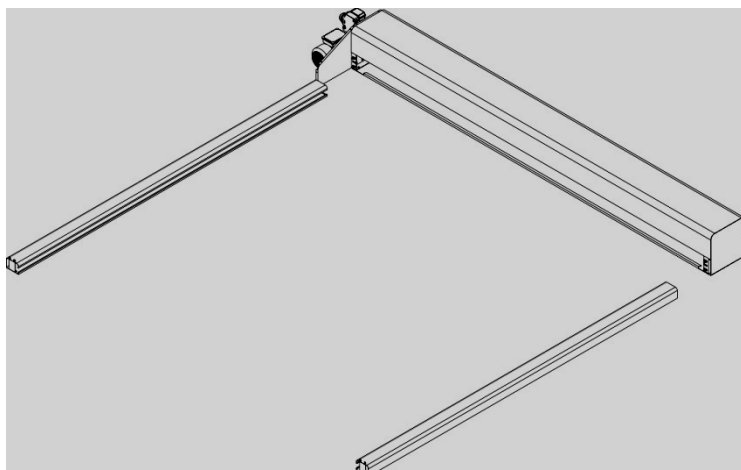
All the standard and optional accessories are packed in a carton box.

Other accessories that by any reason cannot be packed in a carton box will be supplied inside of the main crate, placed together with door components

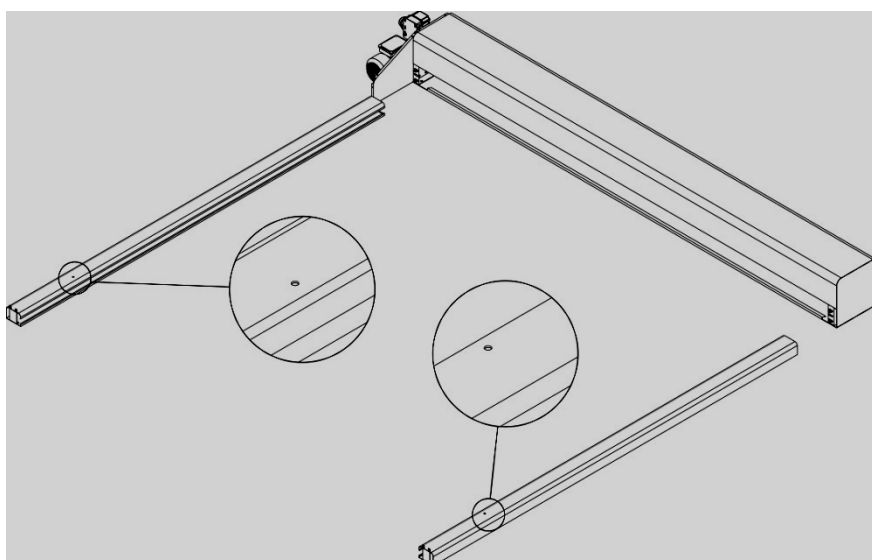
INTENDED APPLICATION

The door is intended to separate two compartments with passage mainly reserved for mean of transport or goods, unless this passage is made safe for pedestrians too. Shall the rapid door be exclusively used for vehicle traffic; it normally should be accompanied by a pedestrian door, placed a visible area and installed in accordance to latest safety norms.

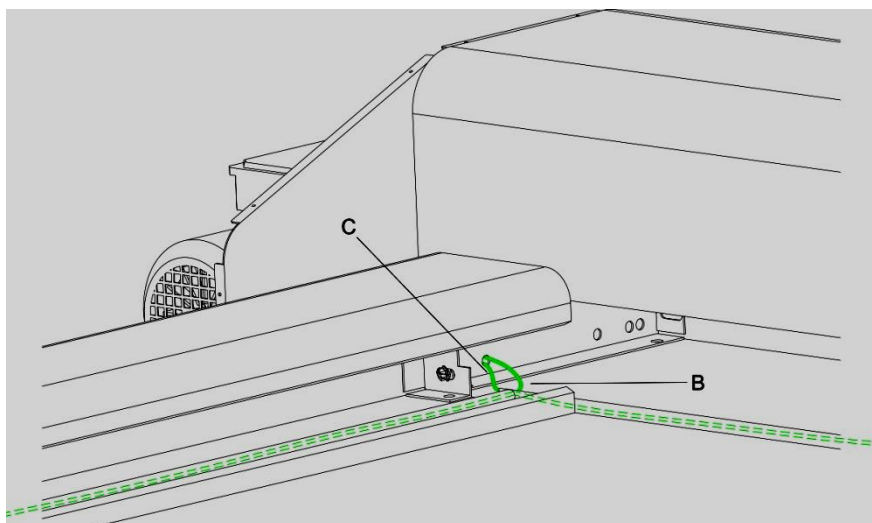
DOOR ASSEMBLY AND PRELIMINARY WIRING



Place the door heading as per drawing.

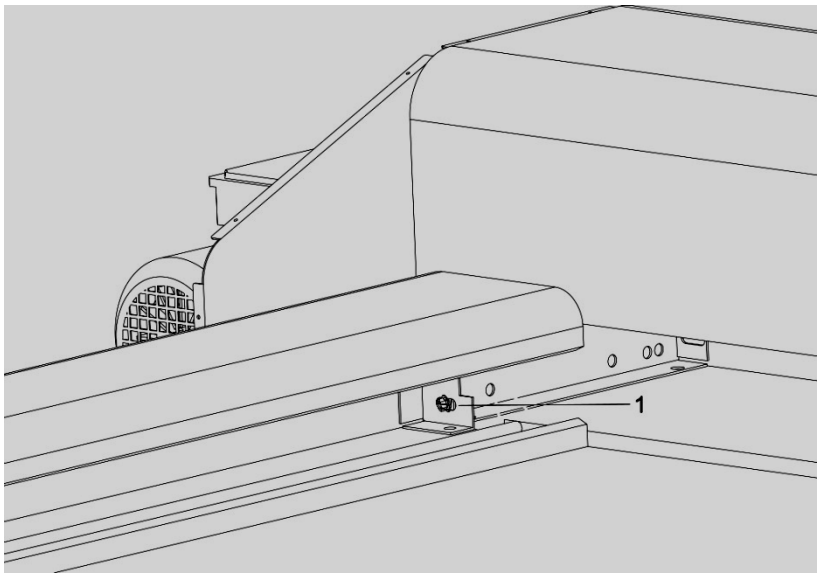


Position both columns with the pre-made holes for photocells wiring facing each other, as per drawing.



C) Photocell wire (RX)
B) Photocell wire (TX)

1) approach both columns to the heading and pass through the – made holes both wires, “if those are present”.

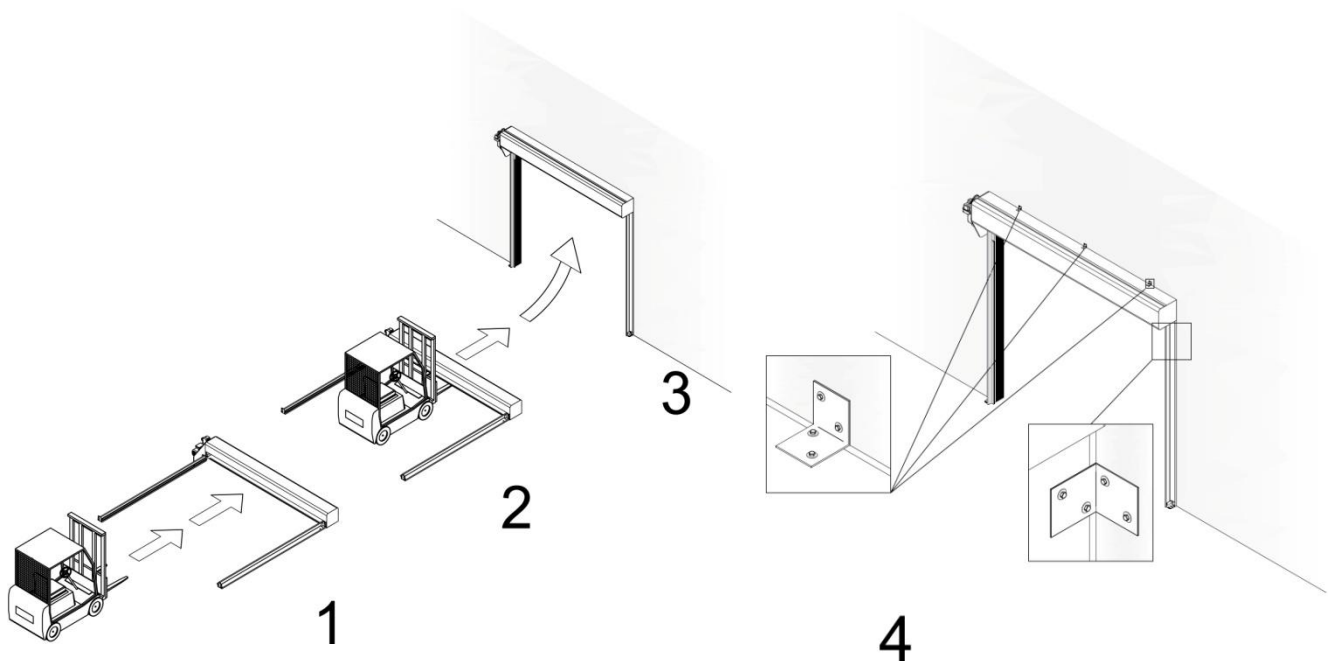


- 1) Assembly the columns to the door heading using provided bolts and tighten them accordingly.

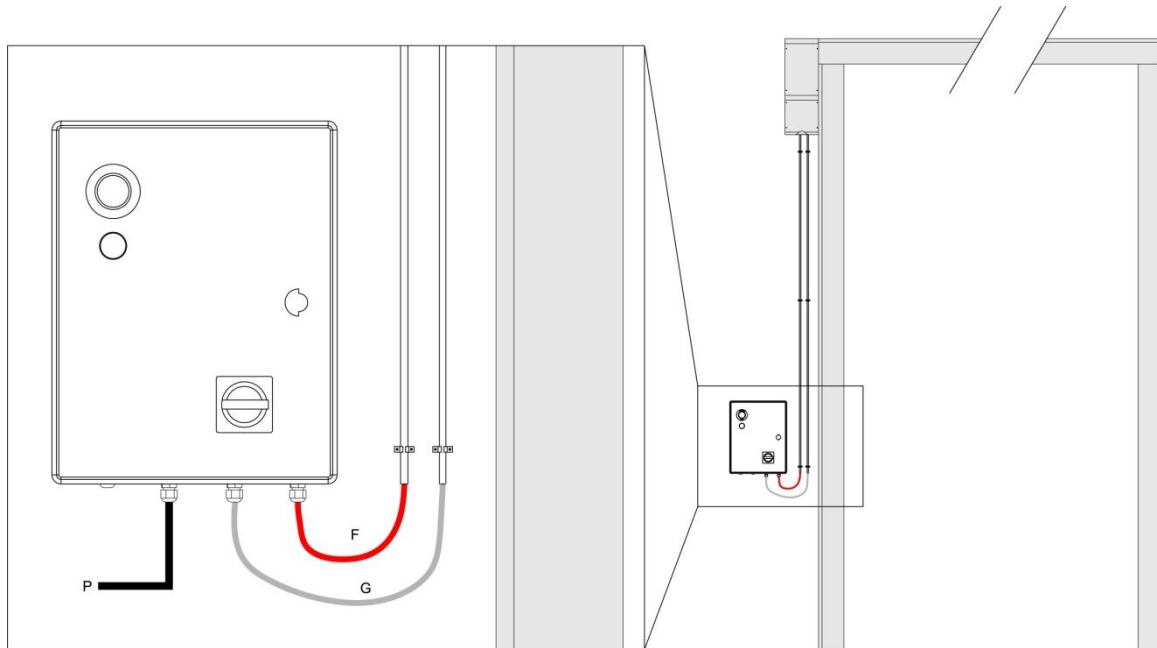
DOOR LIFTING

Lift the door structure with the appropriate lifting machinery: steps nr. 1, 2, 3, 4. Fix the door heading and vertical columns as per drawing.

Attention: Please, do not tighten the columns bolts until the PVC Curtain is not inserted into structure.

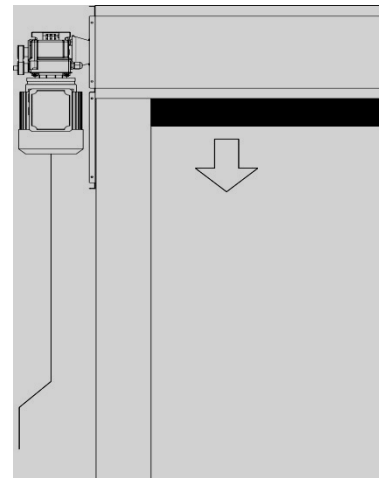
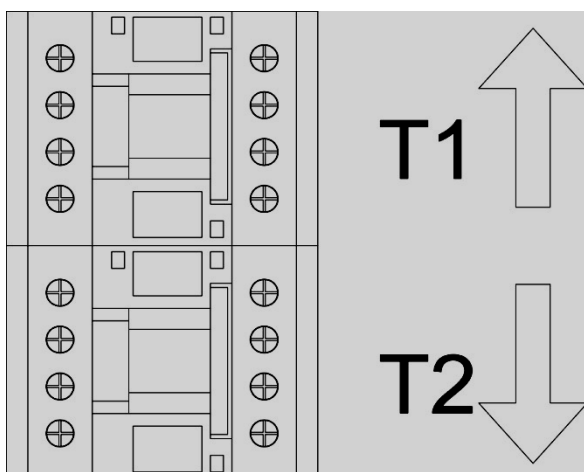


INSTALLATION OF THE MAIN CONTROL BOX AND ITS WIRING



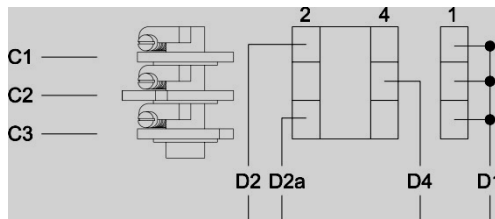
Install the main control box at a suitable for usage height (*recommended at approx. 1600 mm from the floor*) and use suitable electrical conduits and cables.
Please, follow the **WIRING DIAGRAMM**.

CURTAIN POSITION ADJUSTMENT



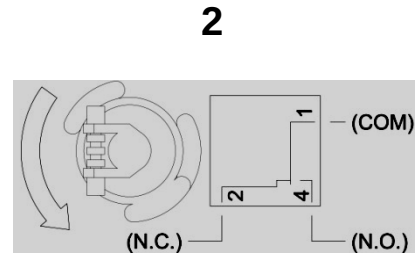
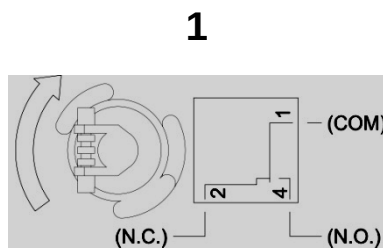
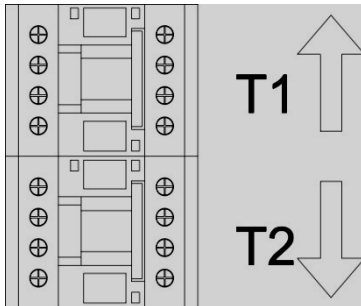
- Pick up manually the curtain from door heading;
- Switch door power isolator to ON position;
- Either manually crank or by activating motor relays inside the control cabinet, raise the curtain all the way up and down. During the test pay attention to the rolling direction of the barrel. If necessary, switch two phases with places.
- Proceed with adjustment of end-limits

LIMIT SWITCH ADJUSTMENT



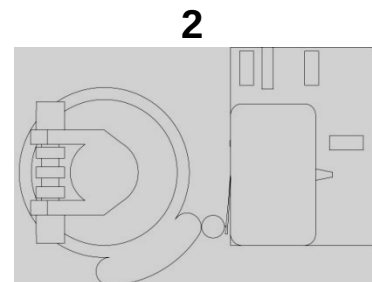
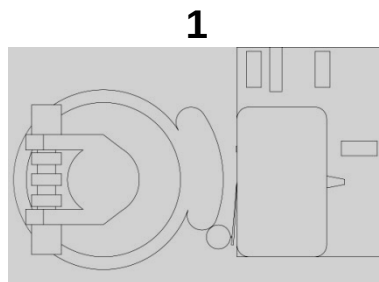
C1 – cam OPEN (green wire);
C2 – cam PHOTOCELL EXCLUSION (white wire);
C3 – cam CLOSE (brown wire);

1 – Using motor relays inside the control cabinet, observe rotation direction of the limits CAMMES



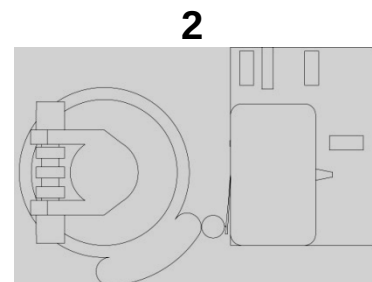
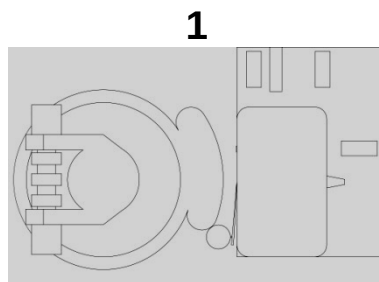
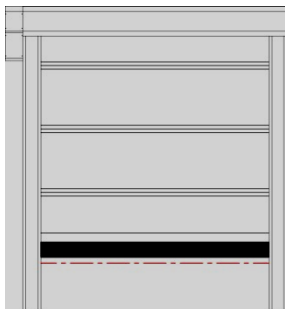
2 – Using same relays close completely the door curtain. Adjust the CAM nr. 3, observing its rotation direction.

C3



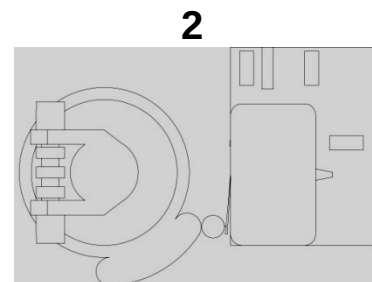
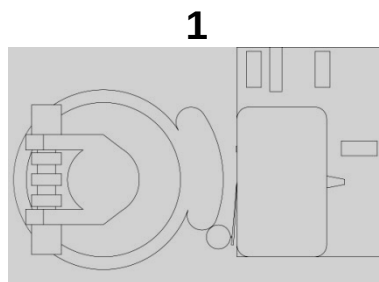
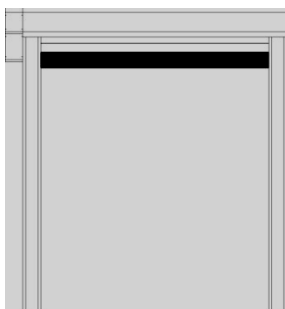
3 – Open up the door until the curtain is approx. with 10 cm above the photocells pair. Adjust CAM nr. 2 using same techniques as above

C2



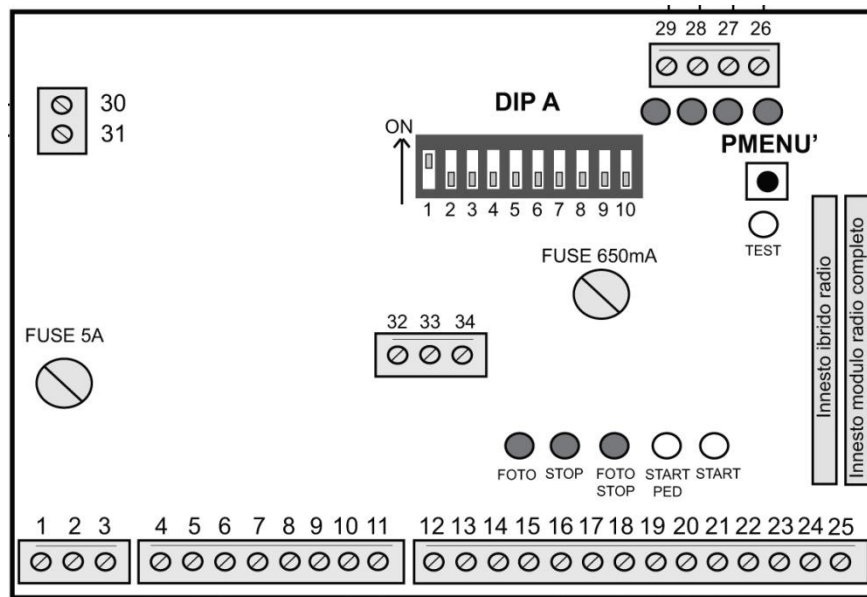
4 – Open completely the door and adjust the CAM nr. 1 using same techniques as above.

C1



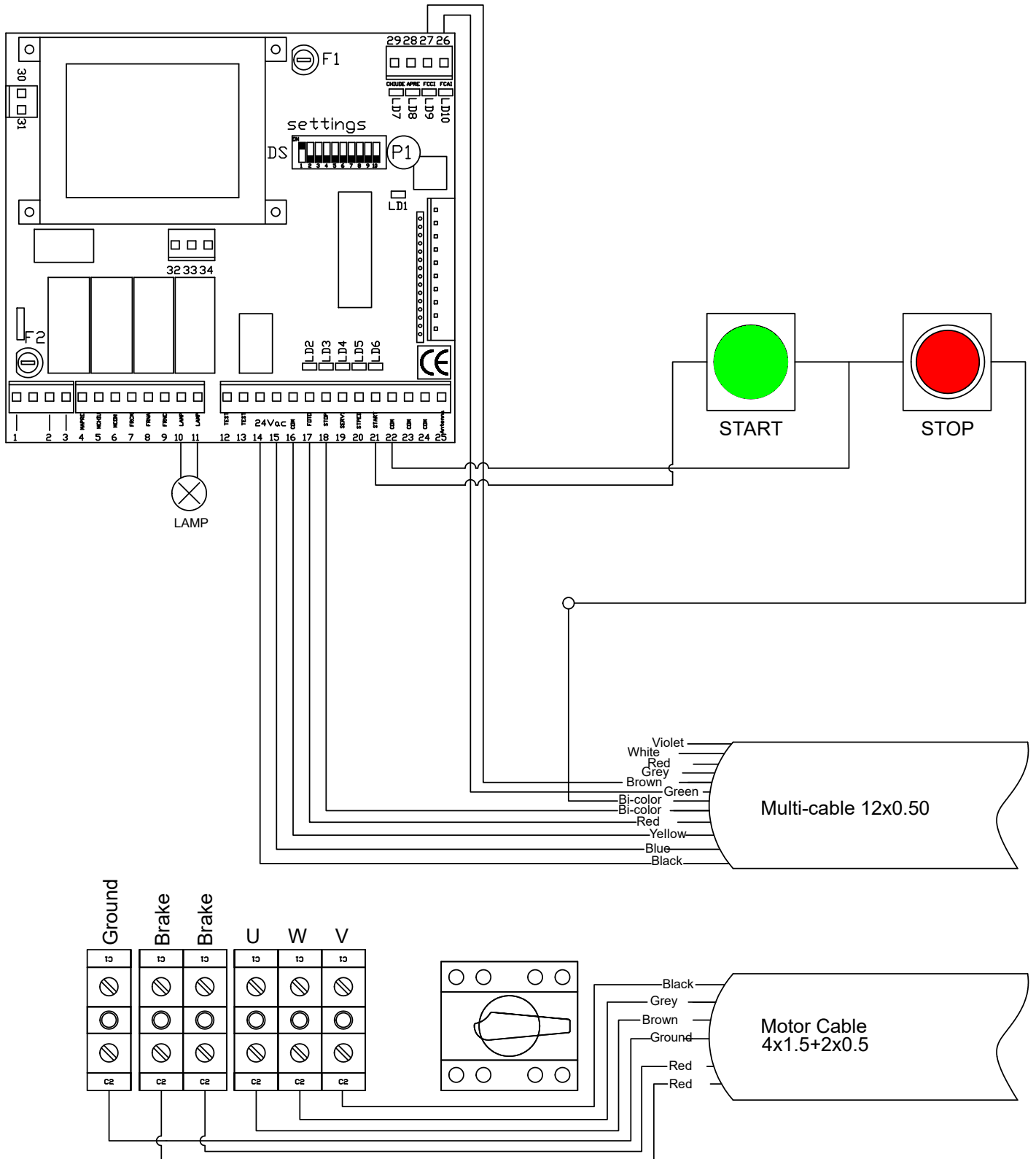
FOR WIRING OPTIONAL ACCESSORIES, PLEASE, SEE CORRESPONDING INSTRUCTIONS ENCLOSED ALONG.

ELECTRONIC CONTROL CARD

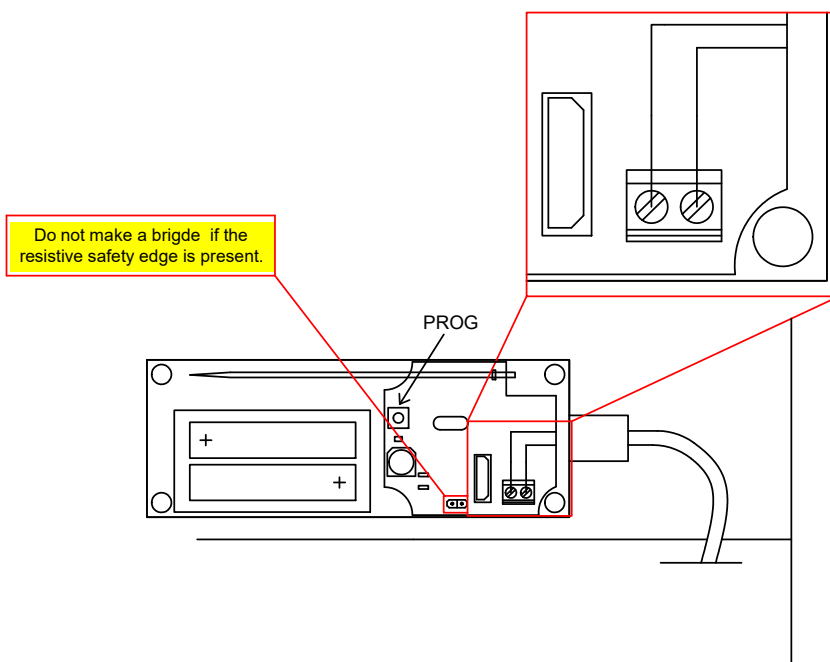
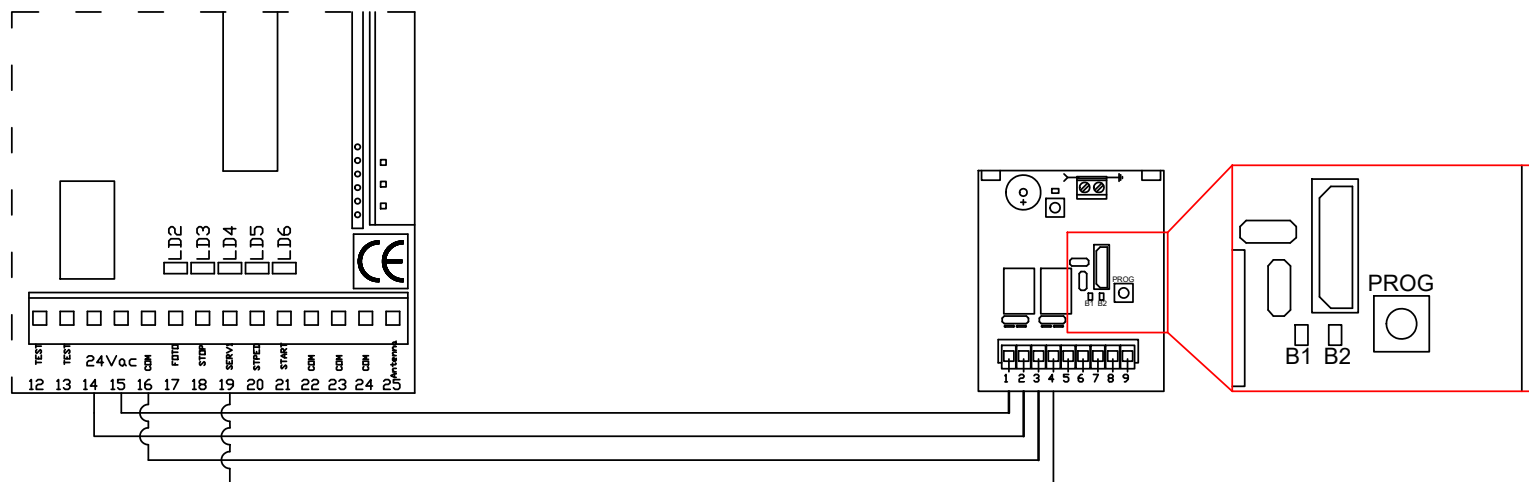


0 Vac	1	→	0 Vac
230 Vac	2	→	Power supply 230 Vac
400 Vac	3	→	Power supply 400 Vac
Remote switch OPEN	4	→	Motor relay switch, command OPEN
Remote switch CLOSED	5	→	Motor relay switch, command CLOSE
Remote switch COMMON	6	→	Common (for motor relay switch)
Brake common	7	→	Common (for brake only)
Brake N.O.	8	→	N.O dry contact for negative type brake
Brake N.C.	9	→	N.C dry contact for positive type brake
Flashing Light	10	→	0 Vac for flashing light or courtesy light
Flashing Light	11	→	230 Vac for flashing light (max. 100W)
Test	12	→	Dry relay contact for test photocells
Test	13	→	Dry relay contact for test photocells
24 Vac	14	→	24 Vac
24 Vac	15	→	24 Vac
Common	16	→	Common for all Inputs (services, safety devices)
Photo Closed	17	→	Input for Photocells (operates only on closing)
Stop	18	→	Input E-Stop
Safety Edge	19	→	Input for safety edge
Pedestrian	20	→	Input for command of reduced opening
Start	21	→	Input for command start (push buttons and remote controls)
Common	22	→	Common Input
Common	23	→	Common Input
Common	24	→	Common Input
Antenna	25	→	Positive pole for radio antenna
FCA1	26	→	Input for limit switch open
FCC1	27	→	Input for limit switch closed
Open	28	→	Input command OPEN (radar, induction loop)
Closed	29	→	Input command CLOSED
Loop controller	30	→	Dry relay contact for induction loop controller
Loop controller	31	→	Dry relay contact for induction loop controller
Man-present OPEN	32	→	Connection " man-present" OPEN
Man-present CLOSE	33	→	Connection " man-present" CLOSE
Common	34	→	Common

CONTROL BOX WIRING

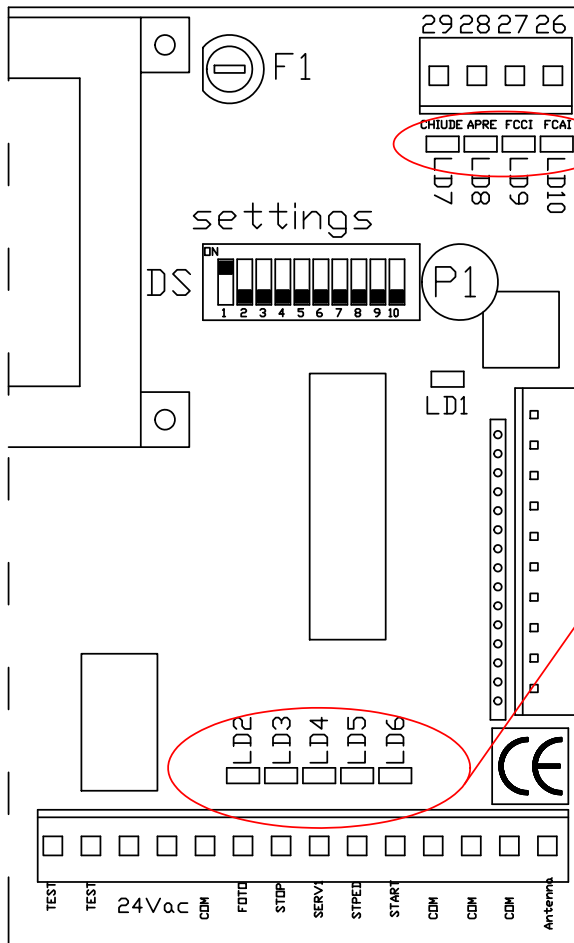
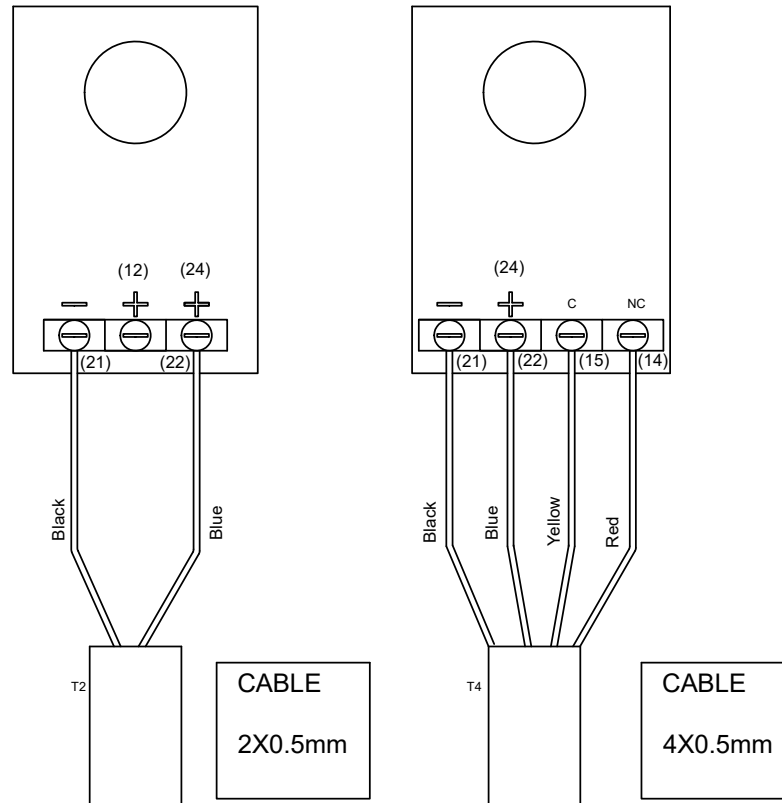


WIRELESS SAFETY EDGE WIRING



Tx

Rx



LD1 led card functioning

LD2 led security photocell

LD3 led command stop

LD4 led safety edge

LD5 led command pedestrian

LD6 led command start

LD7 led command close

LD8 led command open

LD9 led end limits close

LD10 led end limits open