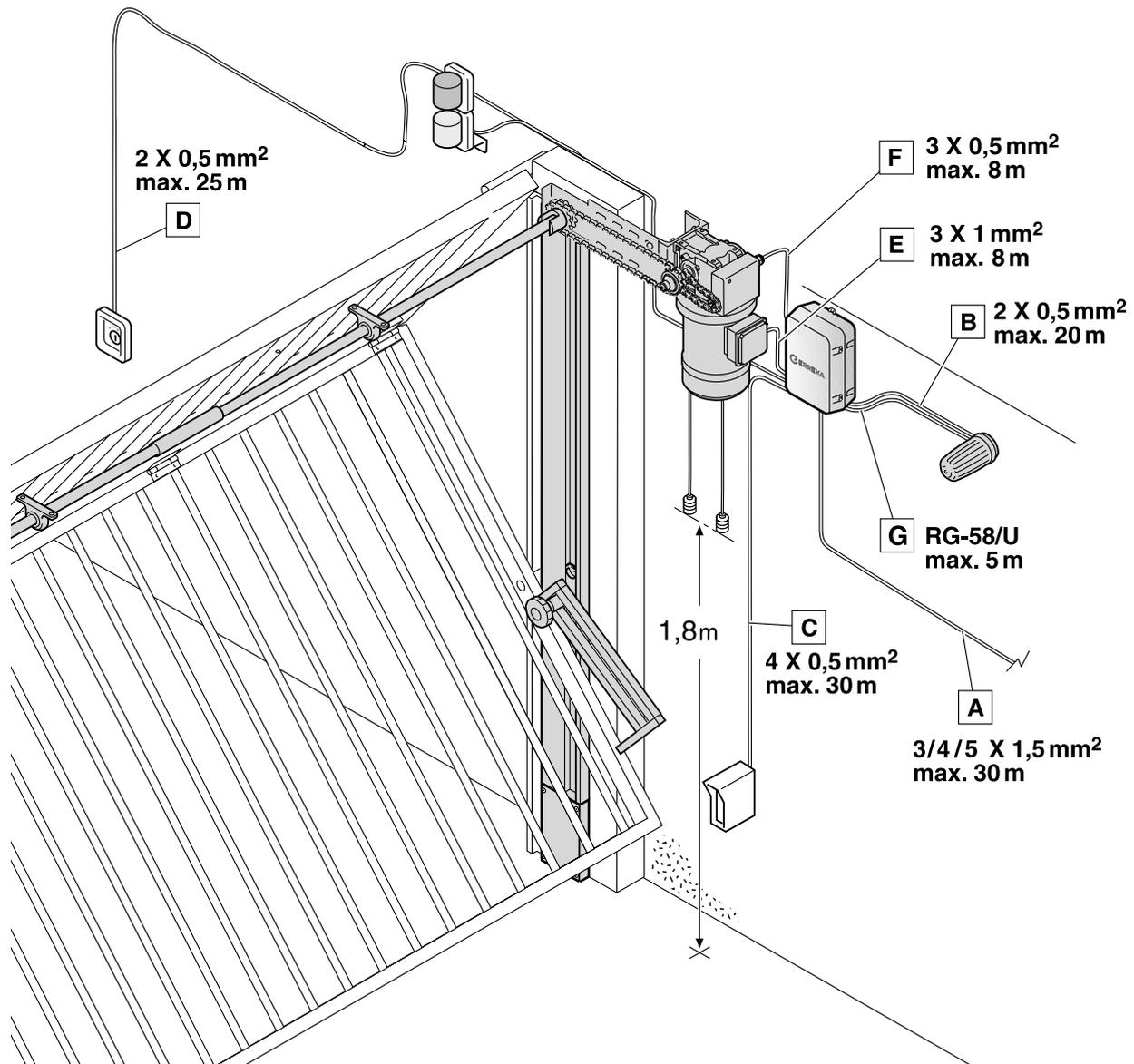


WARNING

This quick guide is a summary of the complete installation manual. The manual contains safety warnings and other explanations that must be taken into account. You can download the installation manual in the "Downloads" section of the Erreka website : <http://www.erreka.com>

Elements of the complete installation



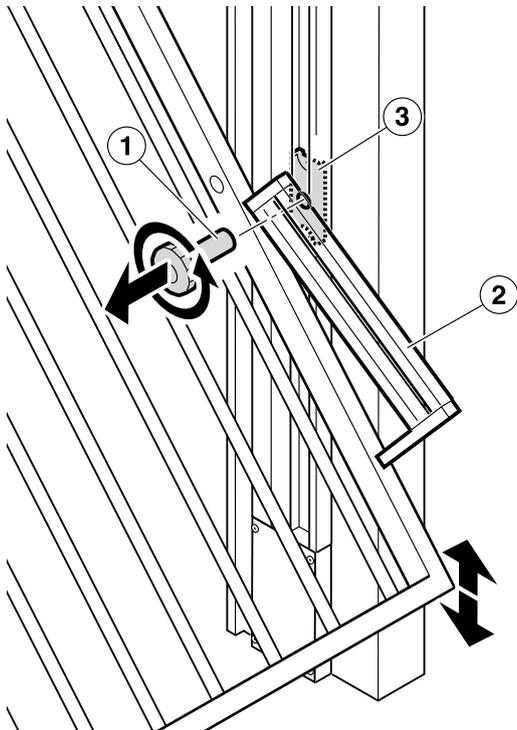
E273A

Electrical wiring

- A: Main power supply
single phase: 3 x 1.5 mm²
three-phase without neutral: 4 x 1.5 mm²
three-phase with neutral: 5 x 1.5 mm²
- B: Flashing light / Traffic light
- C: Photocells (mirror)
- D: Pushbutton or key switch
- E: Operator (motor)
- F: Limit switches
- G: Antenna

Unlocking

Operators without built-in unlock system (SI210C, SI510C, SI230C, SI530C)



D186B

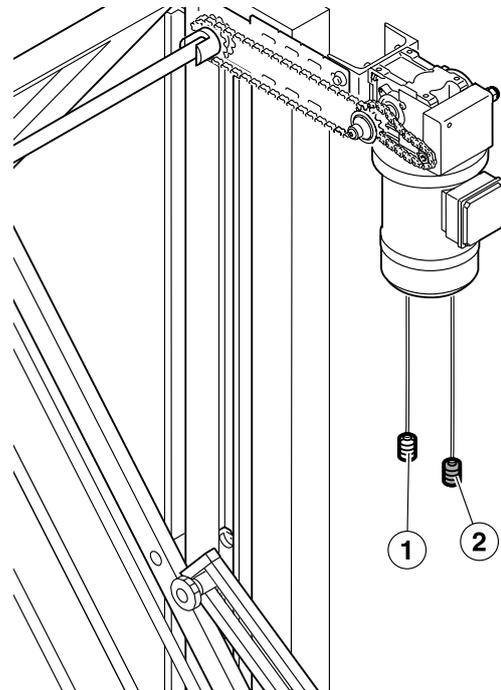
Unlock for manual operation:

- ⚠ Disconnect the power supply.
- Remove the unlock pin (1) and move the door manually.

Lock for motorised operation:

- Move the door manually until the crankshaft (2) is opposite the drive block (3).
- Position the pin (1).

Operators with built-in unlock system (SI210DC, SI510DC, SI230DC, SI530DC)



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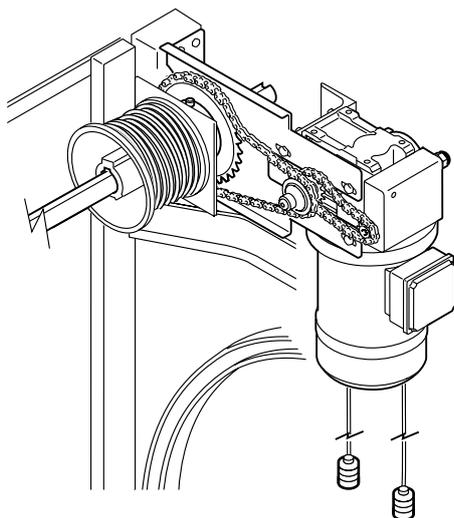
Unlock for manual operation:

- ⚠ Disconnect the power supply.
- Pull the green handle (1) downwards and move the door manually.

Lock for motorised operation:

- Pull the red handle (2) downwards.

Installation in sectional door (SI210DC, SI510DC, SI230DC, SI530DC only)

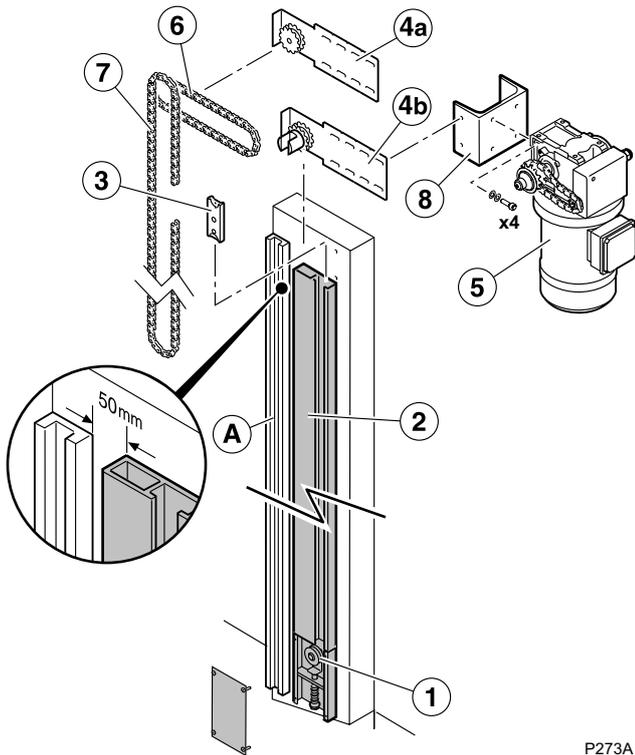


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- ⚠ When using the SIRIUS operator (SI210DC, SI510DC, SI230DC, SI530DC only) in sectional doors, it is necessary to use adapter kit AIZ01/02 with adapter NXADAP, which is supplied separately. For further information on installing the SIRIUS operator in sectional doors, see the instructions for these adapters.

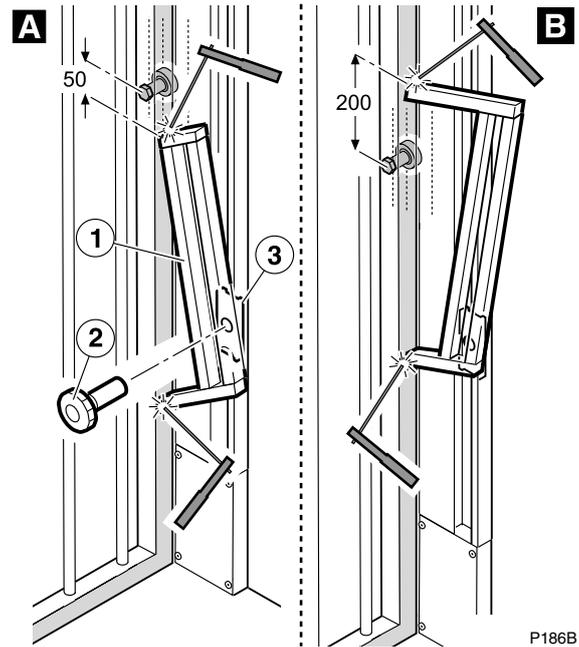
Installation in twin leaf up-and-over door

1 Install the tensioner (1), the guide (2), the block (3), the single bracket (4a) or the cardan joint (4b), the operator (5), the chains (6) and (7) and adapter NXADAP (8).



P273A

2 Install the crankshaft:
Case **A**: inward opening
Case **B**: outward opening



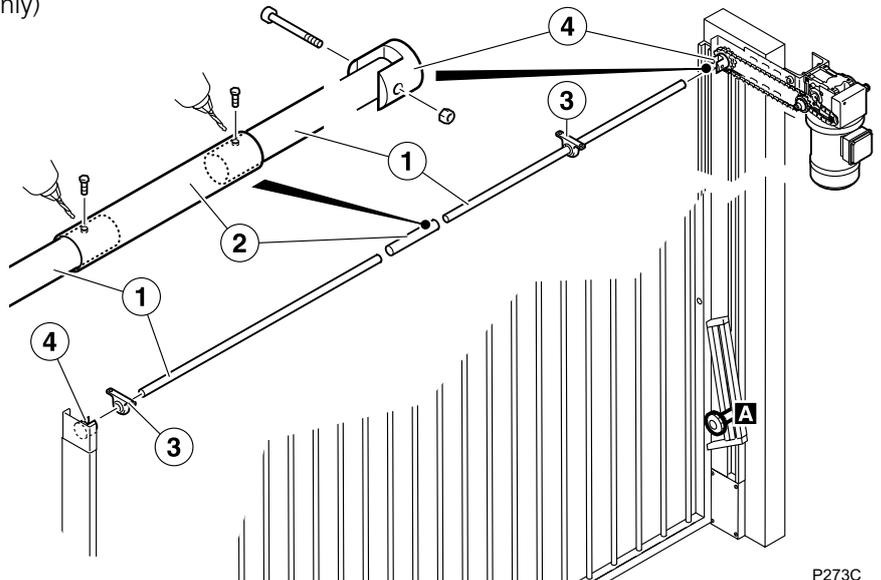
P186B

☞ Dual drive only: install the crankshaft on the other side of the door, at the same height as the first one.

3 Install the transmission (for dual drive only)

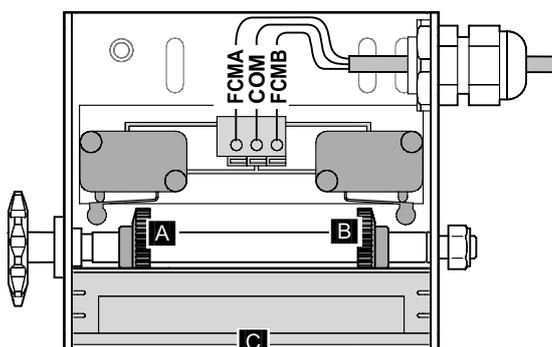
☞ The **A** pins must be in place.

- 1 Install the transmission: bars (1), bushing (2) and brackets (3).
- 2 Mark the bore position in the bars (1) through the threaded holes of the bushing (2).
- 3 Remove the bushing and drill the bars: $\varnothing = 5\text{mm}$; depth = 5mm.
- 4 Attach the bushing to the bars using screws: $\varnothing = 5\text{mm}$; depth = 5mm.
- 5 Attach the bars to the cardan joints (4) using screws and self-locking nuts.



P273C

Connecting and adjusting the limit switches



P273X

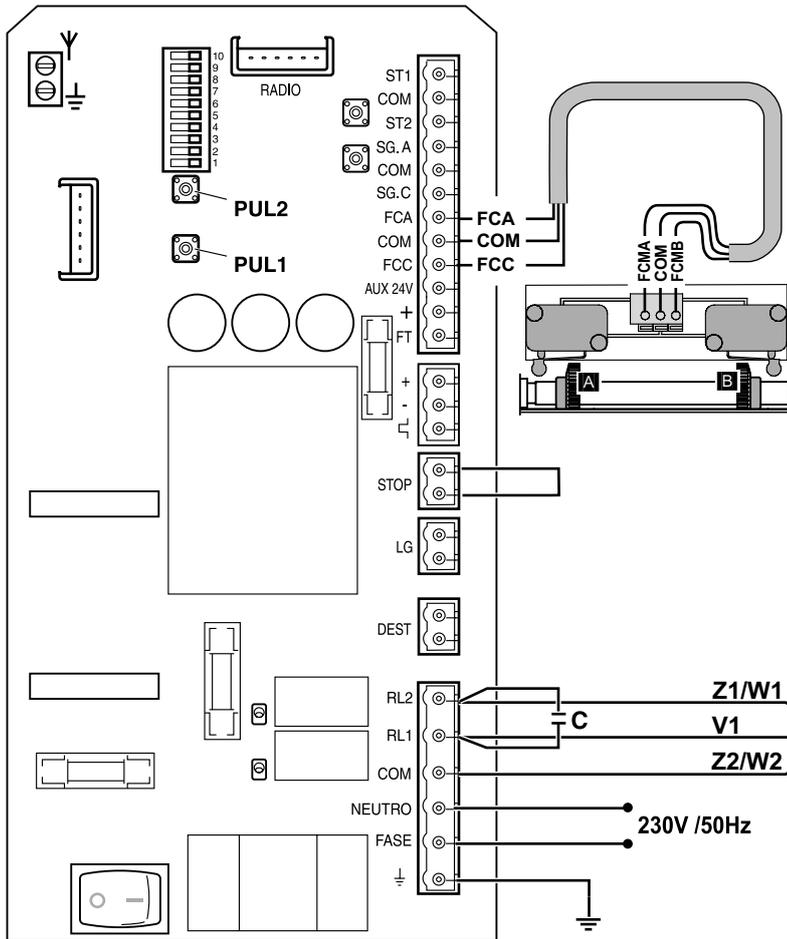
Ensure that the limit switches are connected correctly (the closing switch in the FCC cable connector and the opening switch in FCA). If this is not the case, the motor continues to work until wheel **A** or **B** reaches the stopper, causing the mechanism to break.

Carry out the connections with the switchboard as shown on the following page, and check using PUL1 (close) and PUL2 (open).

To adjust the limit switches: press **C** and turn wheels **A** and **B**.

☞ Once the connection is complete and the limit switches are adjusted, cover the limit switch.

Electrical connections single-phase models SI210(D)C and SI510(D)C (board AM600S)



Turning direction check

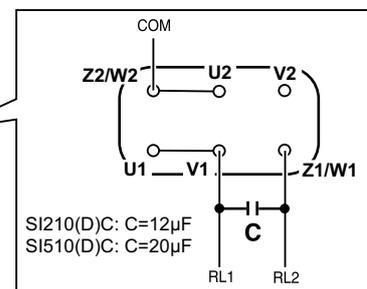
Check the turning direction of the operator using the mini-pushbuttons PUL1 (close) and PUL2 (open).

If the turning direction is not correct, interchange the cables connected in cable connectors RL1 and RL2.

Limit switches

Connect and adjust the limit switches as indicated on the previous page.

▲ Check the control board instructions in order to carry out complete connections and programming.



SI210(D)C: C=12µF
SI510(D)C: C=20µF

P273Z

Electrical connections three-phase models SI230(D)C and SI530(D)C (board VIVO-T101)

Board supply

☞ 3x400V Installations (400V between phases): connect the three phases to the R, S and T cable connectors, and the neutral to the N cable connector.

In 3x400V installations it is compulsory to connect the neutral to the N cable connector, otherwise the control board may be damaged.

☞ 3x230V Installations (230V between phases): connect the three phases to the R, S, T cable connectors and bridge the N and R cable connectors.

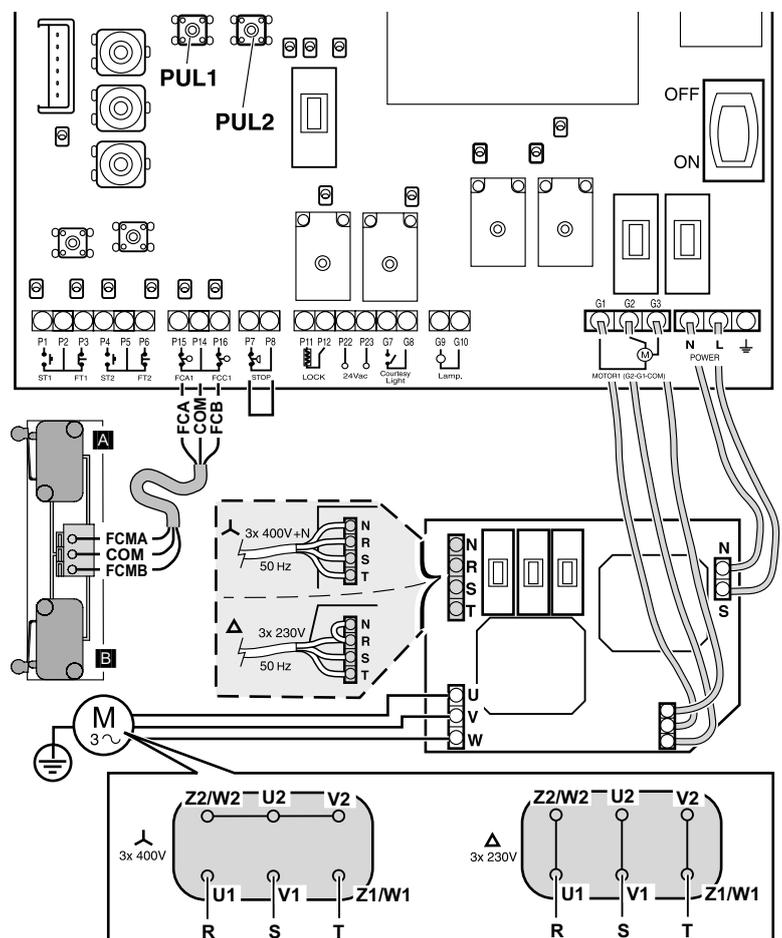
Turning direction check

Press PUL1 (open) and PUL2 (close) to check the turning direction of the operator. If it is not correct, interchange connections V and W.

Limit switches

Connect and adjust the limit switches as indicated on the previous page.

▲ Check the control board instructions in order to carry out all the connections and programming.



P273W