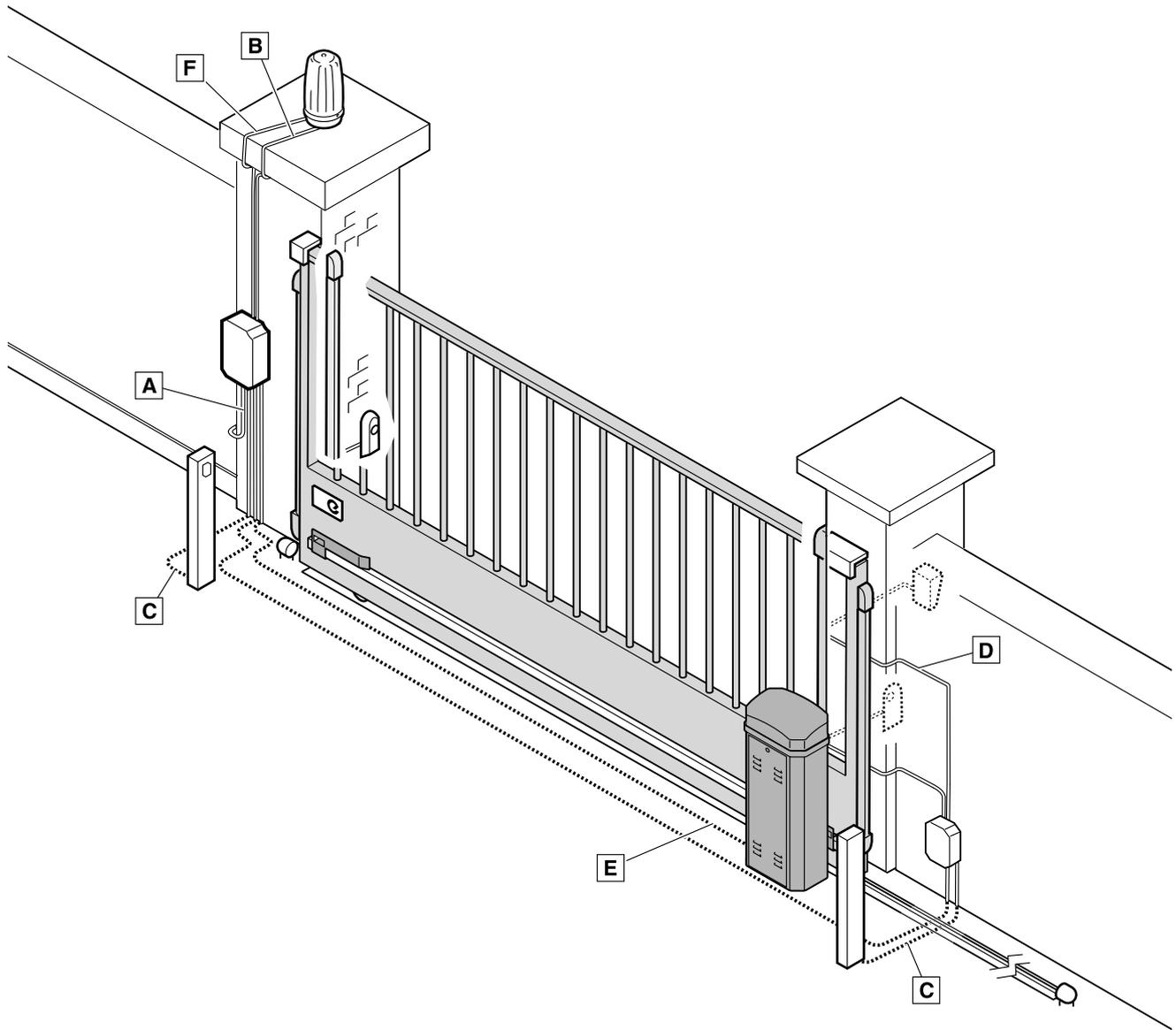


IMPORTANT NOTE

This quick guide is a summary of the complete installation guide. The guide contains safety warnings and other explanations that must be taken into account. The most recent versions of this guide and the installation manual are available in the "Downloads" section on Erreka's website. <http://www.erreka-automation.com>

Full installation elements



E310B

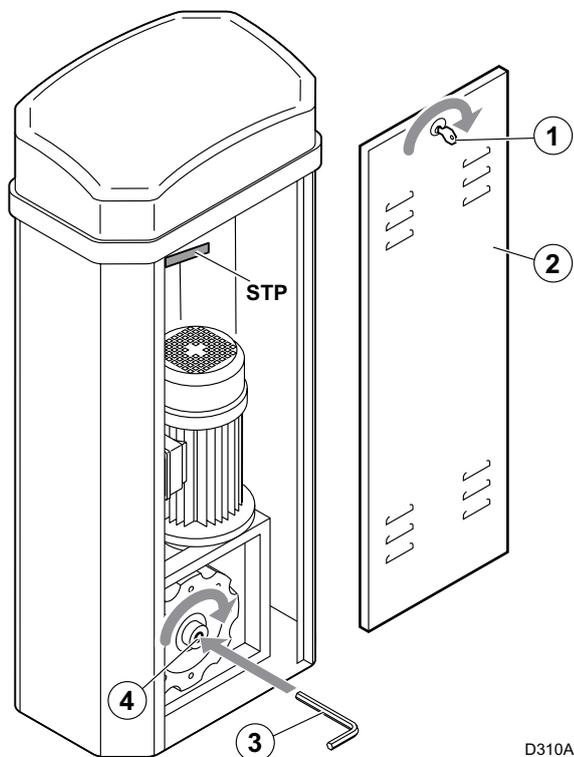
ELECTRICAL WIRING:

Element	No. wires per section	Maximum length
A: Main power supply	5x1.5mm ²	30m
B: Flashing light	2x0.5 mm ²	30m
C: Photocells (Tx/Rx)	2x0.5 mm ² / 4x0.5mm ²	30m
D: Key switch	2x0.5 mm ²	25m
E: Operator (motor + limit switch + microswitch STP)	4x1.5mm ² +3x0.5mm ² +2x0.5mm ²	20m
F: Antenna	Coaxial cable 50Ω (RG-58/U)	5m

Unlocking and locking

Unlocking (manual operation)

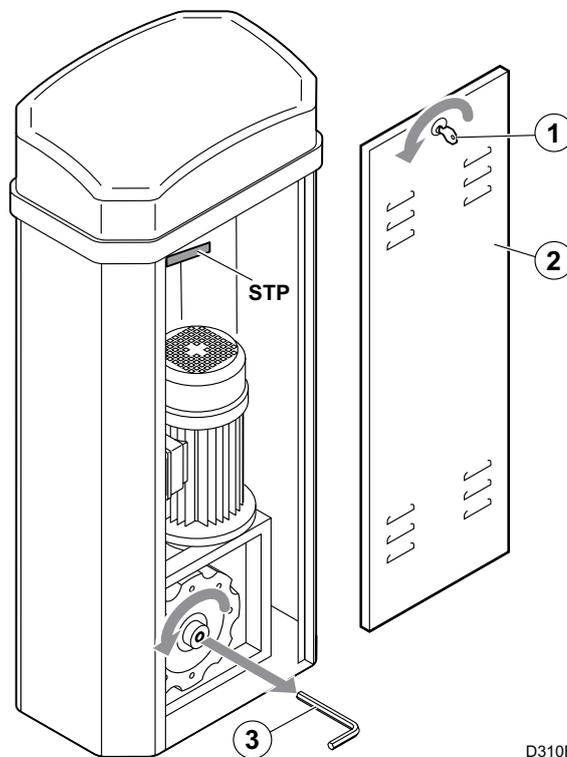
- 1 Turn the key (1) and remove the cover (2).
 - 2 Insert the hexagonal key (3) supplied in the socket (4).
 - 3 Turn the key (3) clockwise to unlock.
- ☞ The gate can now be moved manually.



D310A

Locking (motorised operation)

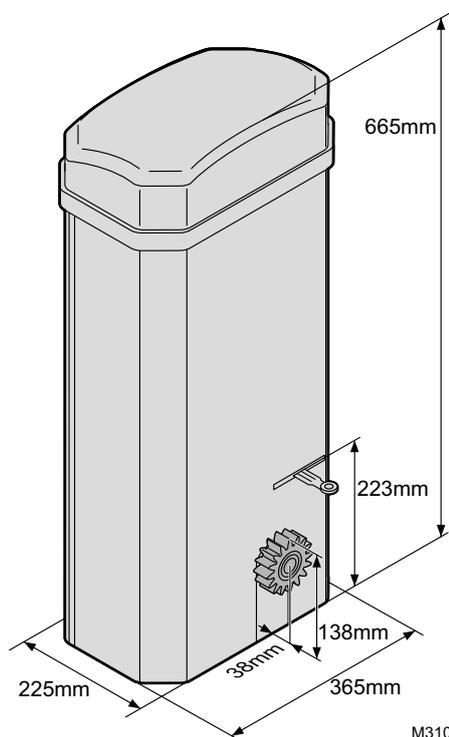
- 1 Turn the key (3) anti-clockwise to lock.
- 2 Remove the key (3).
- 3 Place the cover (2) and lock with the key (1).
- 4 Move the gate manually to interlock the motor.



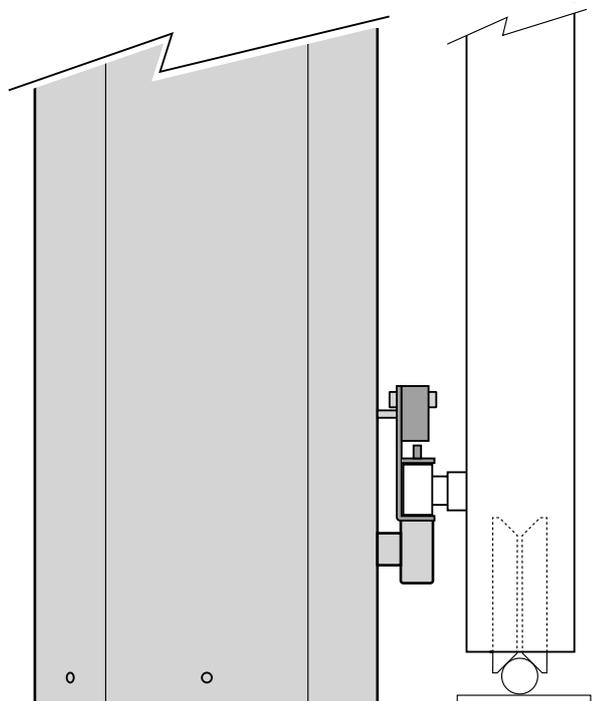
D310B

STP: STOP microswitch; opens when the cover is removed (2). Must be connected to the STOP cable connectors on the control board. This prevents the motor from moving with the cover (2) removed.

Dimensions (mm) and assembly positions



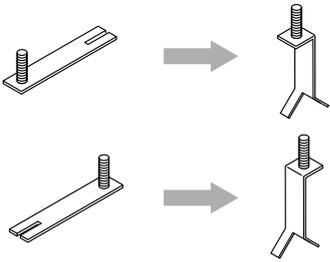
M310A



C310A

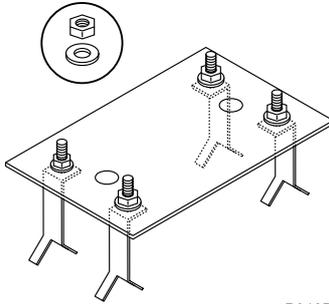
Assembly

- 1** Fold the stringers properly, as shown in the diagram.



P310A

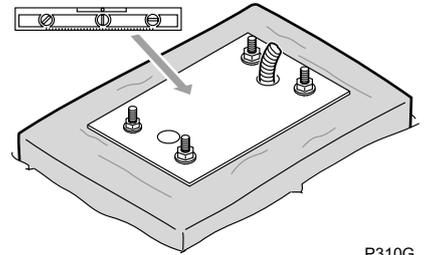
- 2** Fasten the stringers on the base plate temporarily, without fully tightening the nuts, as they must be removed later.



P310B

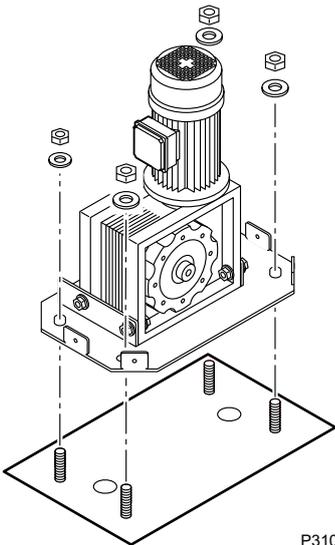
- 3** Dig a well to the correct size and position the duct for the cables and the base plate with the stringers.

- ☞ Make sure the base plate is level and pour in the concrete.



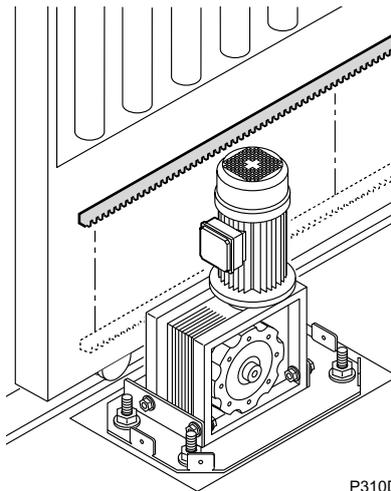
P310G

- 4** With the concrete set, remove the nuts and assemble the motor-reducer on the base plate, using these nuts, without fully tightening them yet.



P310E

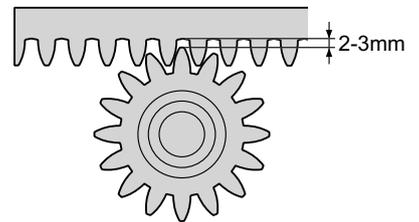
- 5** Fasten the rack to the gate provisionally (see instructions).
Unlock the operator and adjust its position if necessary.



P310D

- 6** With the operator unlocked, move the leaf manually along the whole open/close path to check that the rack moves correctly with the pinion.

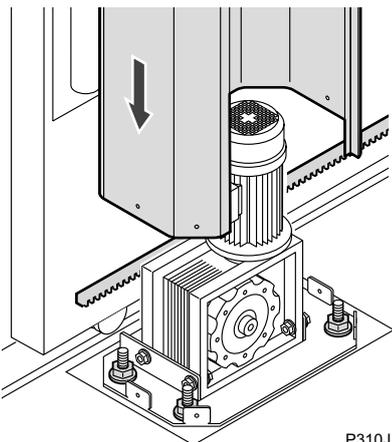
- ☞ There should be a slight gap (approximately 2-3mm) between the teeth of the pinion and the rack.



P310F

- 7** After checking the rack-and-pinion adjustment, fasten the rack permanently.

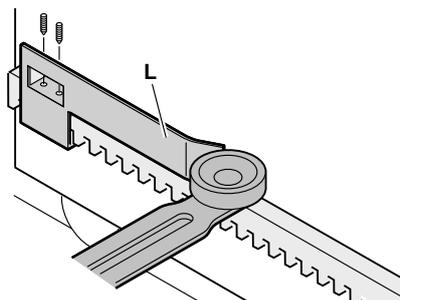
Tighten the fastening nuts of the motor-reducer firmly on the base plate and assemble the housing.



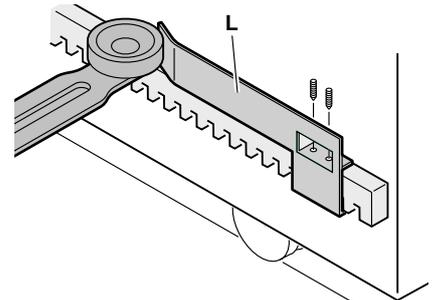
P310J

- 8** Using their corresponding set screws, adjust the opening and closing limit switch cams (L) on the ends of the rack.

Take into account that after activating the limit switches, the gate will move another 2-3 cm, therefore, it is advisable to fit the limit switch cams (L) leaving an appropriate gap as regards the gate's mechanical stops.



P310H



P310I

Electrical connections with VIVO-T101

- ▲ Complete the installation in line with low voltage regulations and applicable standards.
- ▲ Use cables with sufficient section, always earthed.
- ▲ Check the manufacturer's instructions for all the elements installed.

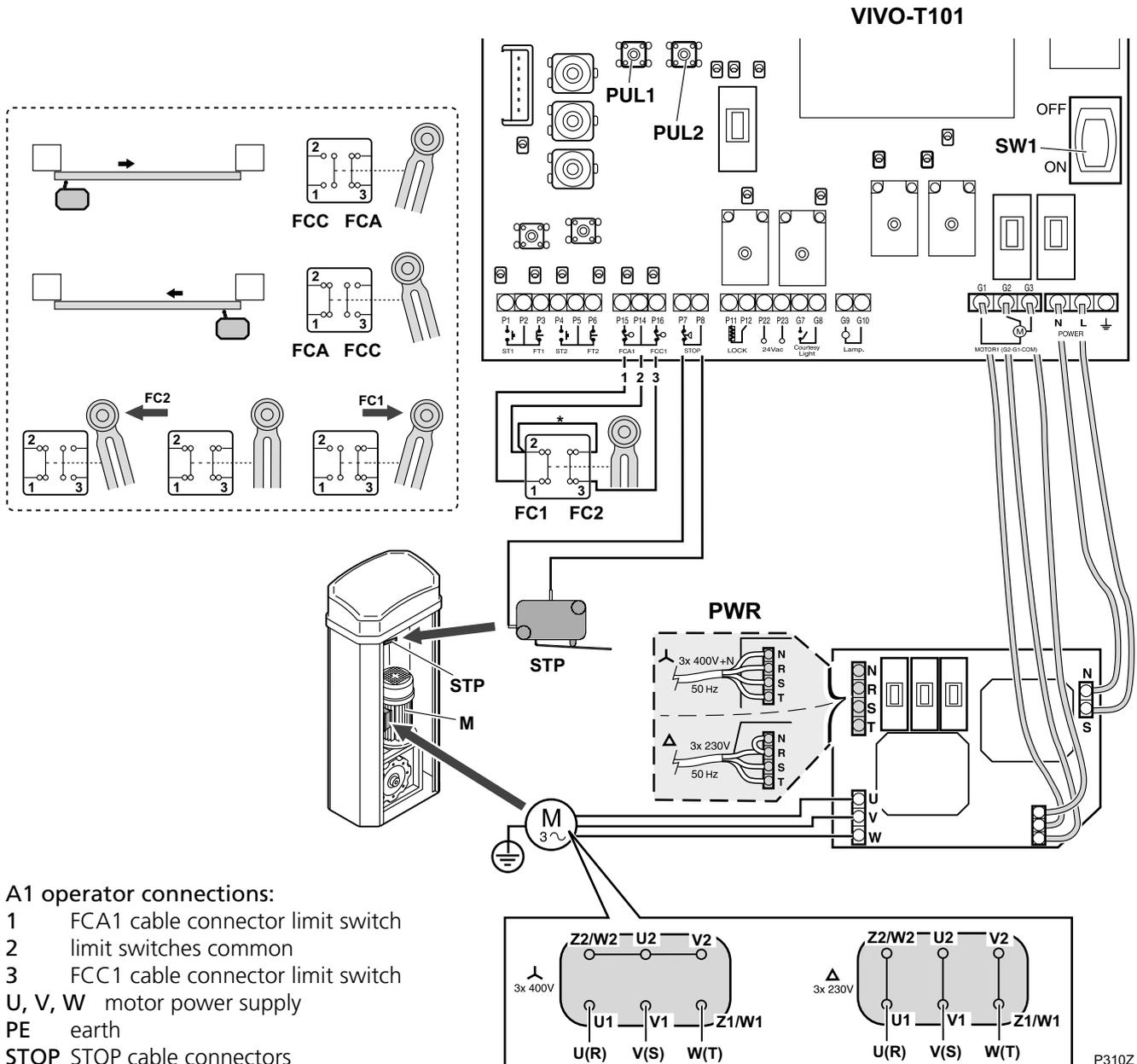
- ☞ The connection of the operator to a VIVO-T101 control panel is shown as an example.
- ☞ The operator must be connected to the control panel as shown in the attached diagram. To connect the rest of the elements of the installation, consult your control panel instructions.

HIPPO operator parts:

- FC1 movement 1 limit switch
- FC2 movement 2 limit switch
- * electric bridge
- STP STOP microswitch (normally closed, opens as gate is removed)
- M three-phase motor

VIVO-T101 control board parts:

- PUL1 close mini-pushbutton
- PUL2 open mini-pushbutton
- SW1 Main switch
- PWR Electric supply



- ☞ **Checking turning direction and limit switches:** Press PUL1 (close) and PUL2 (open) to check the turning direction of the operator. If it is not correct, interchange connections V and W.

- ▲ **Before carrying out any gate movement, ensure there are no persons or objects in the radius of action of the gate and the drive mechanisms.**