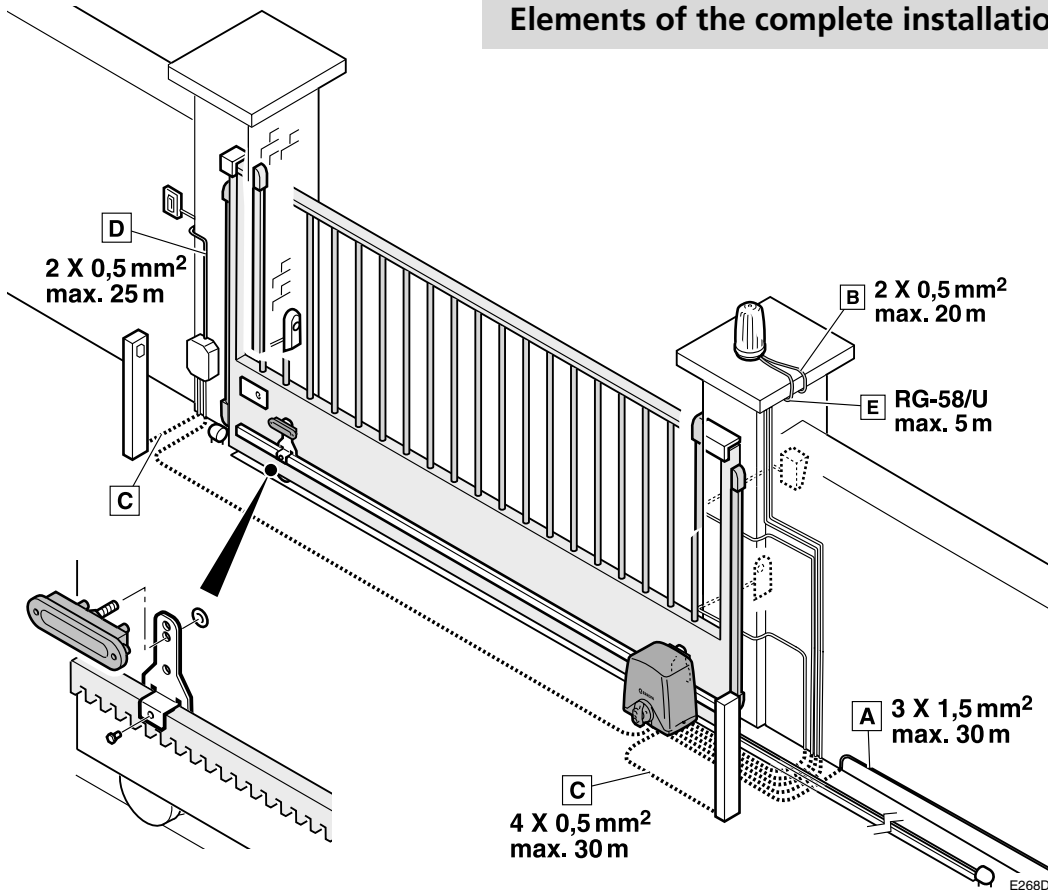


WARNING

This quick guide is a summary of the complete installation manual. The manual contains safety warnings and other explanations which must be taken into account. The installation manual can be downloaded by going to the "Downloads" section of Erreka website:
<http://www.erreka-automation.com>

Elements of the complete installation

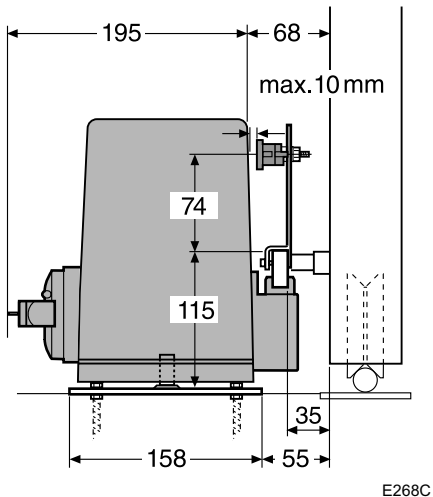


Electrical wiring

- A: Main power supply
- B/E: Flashing light/Antenna
- C: Photocells (Tx / Rx)
- D: Pushbutton/wall key

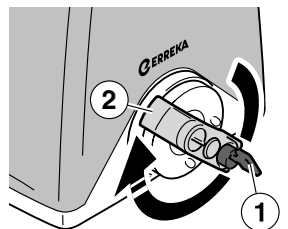
WARNING: The PUMA-I operator is supplied without a capacitor for the motor, since the control board's Inverter technology makes it unnecessary. If this board is used to replace another operator, **do not use a capacitor for the motor.**

Assembly levels (mm)



Unlocking

Unlocking

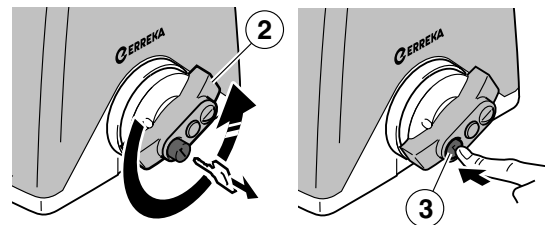


D268A

Unlocking for manual operation:

- Insert the key (1) and turn clockwise without forcing it.
- Turn the handle (2) clockwise 270°, through to the stopper but without forcing it.

Locking



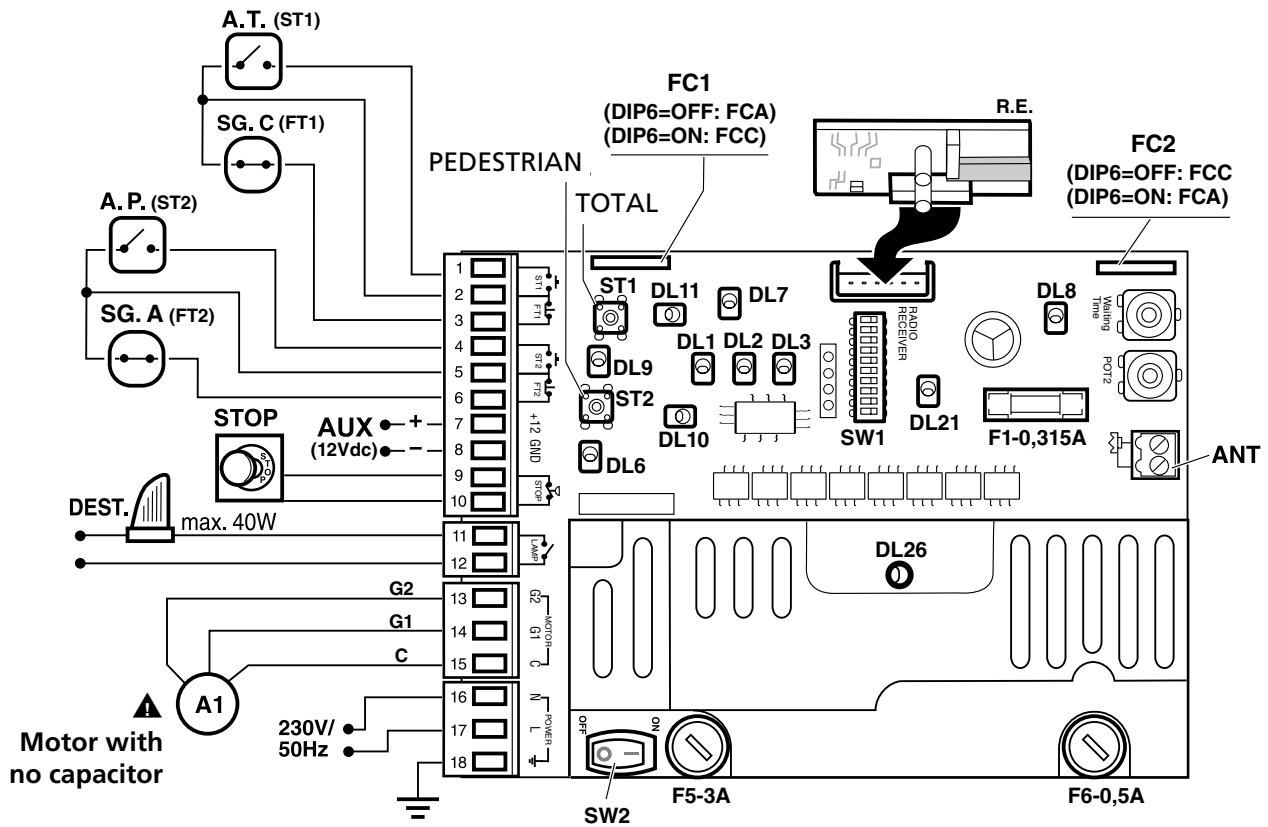
D268B

Locking for operation motorised:

- Turn the handle (2) anti-clockwise 270° without forcing it.
- Turn the key (1) anti-clockwise and remove.
- Push the cylinder (3) inward and manually move the gate to interlock it in the operator mechanism

General connections

▲ A capacitor should not be used for the motor with the PUMA-I operator fitted with Inverter technology control board.



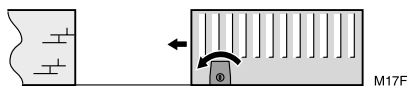
P268Y

DL1	Automatic closing LED	DL7	FC1 limit switch LED	DL11	ST1 pushbutton LED
DL2	Radio programming LED	DL8	FC2 limit switch LED	DL21	Encoder LED
DL3	Travel programming LED	DL9	FT1 photocell LED	DL26	DC Bus LED
DL6	FT2 photocell LED	DL10	ST2 pushbutton LED		

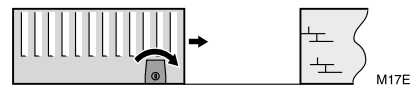
Encoder (DIP7): for the correct operation of the encoder, ensure DIP7 is in ON. The operation needs to be reprogrammed if the encoder is disabled. Check that DL21 flashes during gate movement.

Check and configure turning direction and limit switches

Turning direction: check operation using ST1 and ST2 mini-pushbuttons with DIP1=ON. If turning direction is not as indicated for position DIP6, interchange the wires connected to the G1 and G2 terminals.

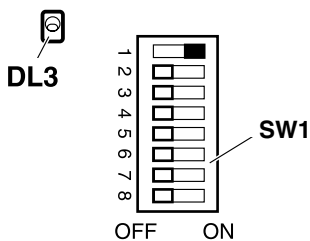


DIP6=OFF



DIP6=ON

SW1 Functions during programming (DIP1=ON)



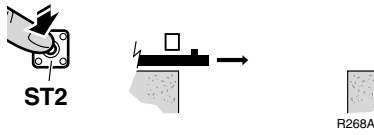
E268L

- DIP1=ON: programming enabled (DL3 lights up); ST1: open, ST2: close
- DIP1=ON and DIP2=ON: total open/close programming
- DIP1=ON and DIP3=ON: pedestrian open/close programming
- DIP1=ON and DIP4=ON: total opening radio code programming
- DIP1=ON and DIP6=ON: pedestrian opening radio code programming

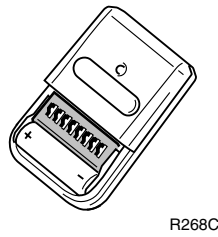
Total opening radio code programming (with RSD receiver only)

☞ If a receiver other than RSD is used, see the corresponding instructions.

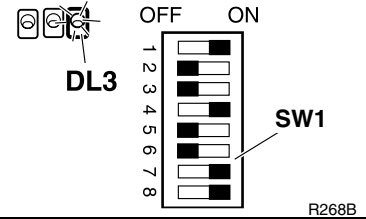
- 1** Connect the power supply and close the gate with DIP1 in ON position and keeping ST2 pressed down.



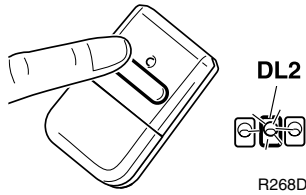
- 2** Select the code in the transmitter.



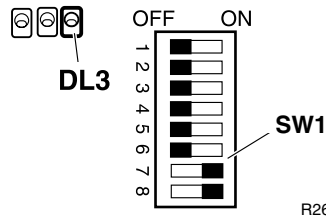
- 3** Place the DIPs as shown in the figure (DIP1=ON, DIP4=ON). DL3 lights up to show programming mode enabled.



- 4** Press the button of the required channel. DL2 flashes when programming is complete.



- 5** Place DIP1 and DIP4 in OFF. DL3 remains off.



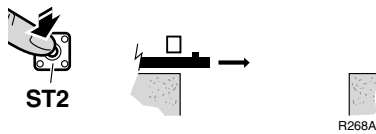
- 6** Disconnect and reconnect the electrical power supply.

Pedestrian opening radio code

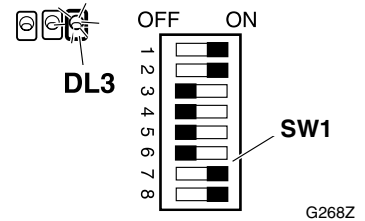
Programming is carried out in the same way, using DIP6 instead of DIP4.

Total open/close programming

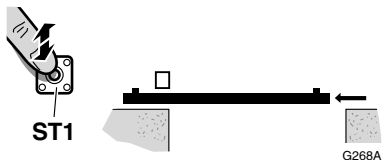
- 1** Connect the power supply and close the gate with DIP1 in ON position and keeping ST2 pressed down.



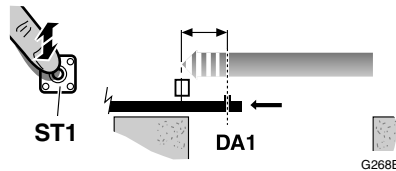
- 2** Place the DIPs as shown in the figure (DIP2=ON, DIP1=ON). DL3 lights up to show programming mode enabled.



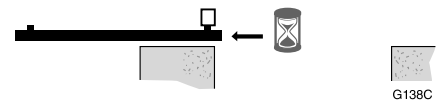
- 3** Press ST1 to start opening.



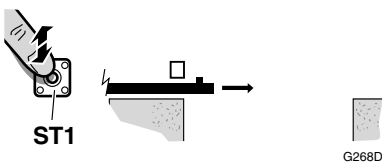
- 4** Press ST1 to start slowdown.



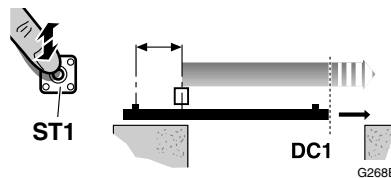
- 5** Wait for it to come to a stop at the end of travel.



- 6** Press ST1 to start closing.



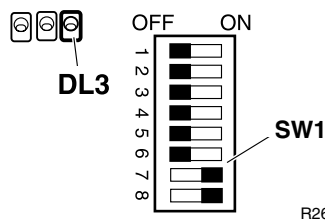
- 7** Press ST1 to start slowdown.



- 8** Wait for it to come to a stop at the end of travel.



- 9** Place DIP1 and DIP2 in OFF. DL3 remains off.



Pedestrian open/close programming

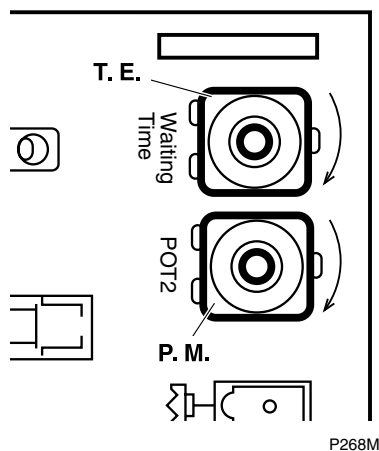
This is carried out in the same way as total travel programming, with the following differences:

- DIP1 and DIP3 are used instead of DIP1 and DIP2
- ST2 is used instead of ST1
- In step 5, stop the gate with ST2

Function and mode selection using SW1 (DIP1 = OFF)

DIP	Modes and functions	Option	Effect
DIP1		OFF	
DIP2	Advance warning	ON	the flashing light comes on and the operation begins after a 3 second warning
		OFF	the flashing light comes on and the operation begins immediately
DIP3	Opening mode	ON	step-by-step opening (the gate halts if a key command is activated during opening, and closes if activated again)
		OFF	collective opening (the control board does not obey the key commands during opening)
DIP4	Automatic or step-by-step mode (for pedestrian and total operation)	ON	automatic mode (the gate closes automatically after standby time has passed, which is adjusted using T.E.). A key command (or photocell activation) causes standby time to restart
		OFF	step-by-step mode (the gate only closes when receiving the key command)
DIP5	Automatic mode optional (only if DIP4 = ON)	ON	during standby, the gate obeys the key commands (can be closed before standby time finishes)
		OFF	the gate cannot be closed until standby time finishes; a key command will cause standby time to restart
DIP6	Gate movement direction	ON	gate which opens to the left
		OFF	gate which opens to the right
DIP7	Encoder	ON	encoder enabled
		OFF	encoder disabled
DIP8	Slowdown	ON	the gate reduces its speed before reaching the stopper
		OFF	the gate reaches the stopper at high speed

Potentiometer adjustment



T.E (Standby Time): gate open standby time

If automatic functioning mode has been programmed (DIP4=ON), set T.E. to adjust standby time with the gate open (before automatic closing begins).

- Minimum value: 0 seconds; maximum value: 90 seconds

P.M (Torque Regulator): motor torque

Use P.M. to adjust the maximum motor power value.

▲ Adjust the torque to respect the maximum closing thrusts set out in Standard EN12453:2000. Make the measurements as described in Standard EN 12445:2000.