PUMA

Quick installation and programming guide
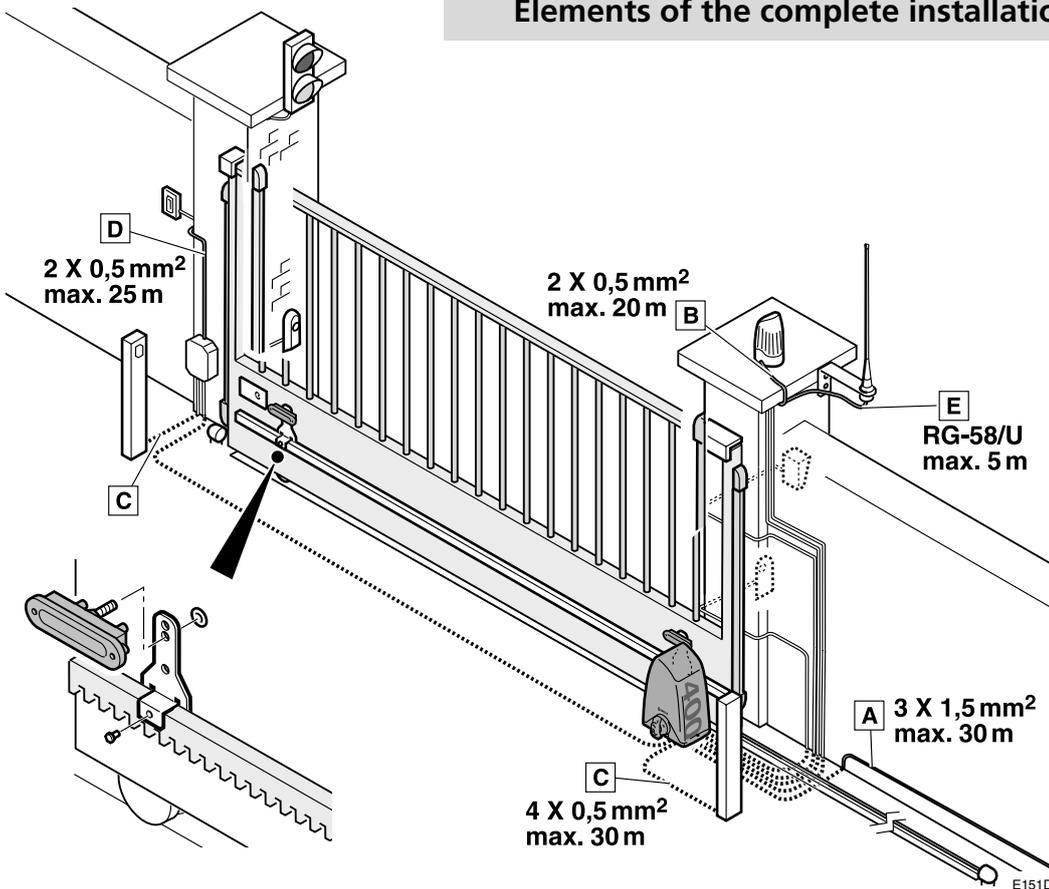
English

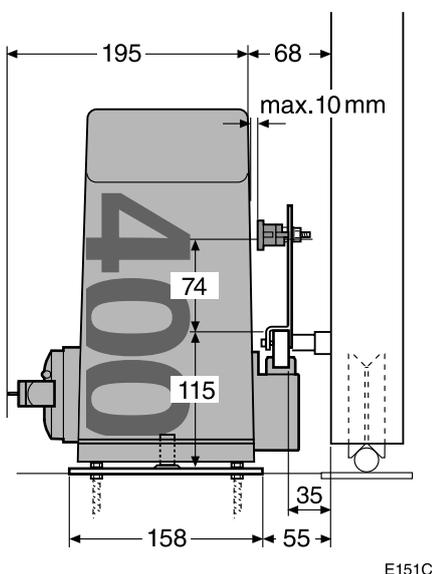| IMPORTANT NOTE	This quick guide is a summary of the complete installation manual. The manual contains safety warnings and other explanations which must be taken into account. The installation manual can be downloaded by going to the "Downloads" section at the Erreka website: http://www.erreka.com/Automatismos/descargaDocumentos.aspx

Elements of the complete installation

D
2 X 0,5 mm² max. 25 m

2 X 0,5 mm² max. 20 m **B**

Electrical cabling

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

E
RG-58/U max. 5 m

C
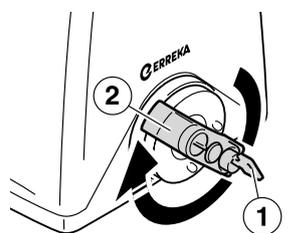
A 3 X 1,5 mm² max. 30 m

C
4 X 0,5 mm² max. 30 m

E151D

Assembly levels (mm)

195   68
max.10 mm
74
115
35
158   55

E151C

Unlocking

Unlocking   **Locking**

D151A

D151B

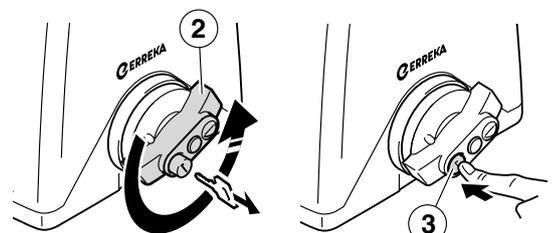### Unlocking for manual operation:

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

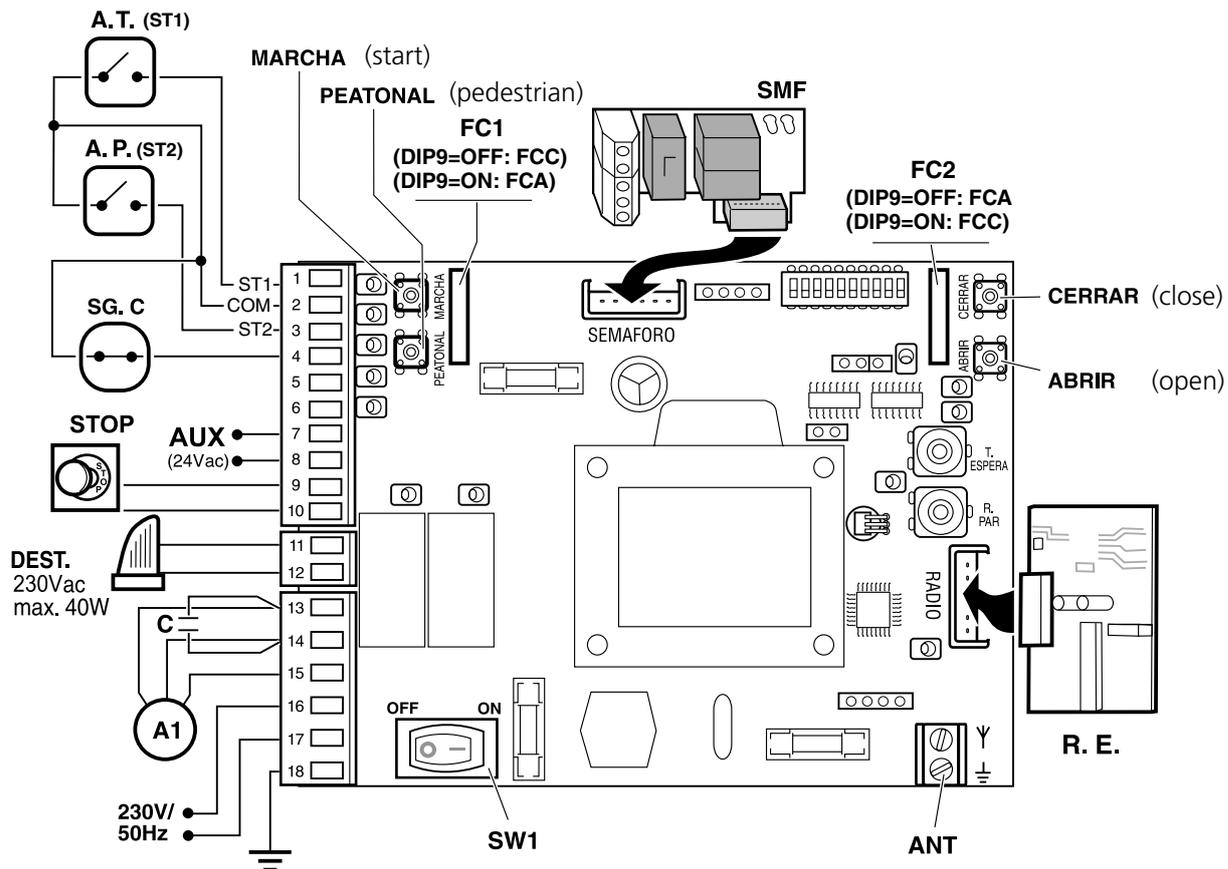### Motorised operation locking:

- 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 drive mechanism.

General connections

P145Y

Turning direction:
check operation using the mini-pushbuttons CERRAR (close) and ABRIR (open). If the turning direction is not correct, interchange the operator cables connected in cable connectors 13 and 14.
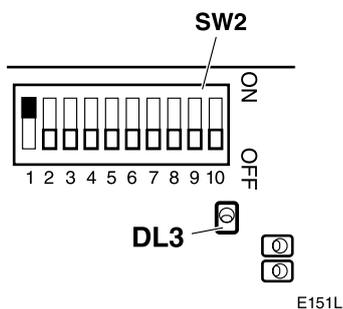
Encoder (DIP7):
for the correct operation of the encoder, ensure DIP7 is in ON.

Limit switches configuration (DIP9)

DIP9=ON

DIP9=OFF

M17F

M17E

SW2 Functions during programming (DIP1=ON)

SW2

DL3

E151L

DIP1=ON: programming enabled (DL3 lights up)

DIP1=ON and DIP2=ON: total open/close programming

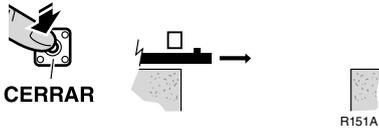DIP1=ON and DIP3=ON: pedestrian open/close programming

DIP1=ON and DIP4=ON: total opening radio code programming

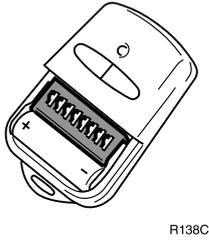DIP1=ON and DIP6=ON: pedestrian opening radio code programming

Total opening radio code programming (with RSD receiver only)

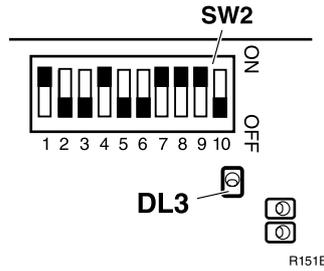☞ If a receiver other than RSD is used, see the corresponding instructions.

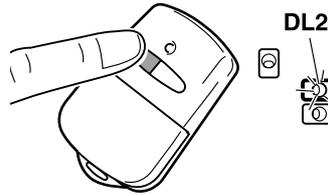**1** Connect the electrical power supply and close the gate by keeping CLOSE pressed down.

CERRAR

R151A

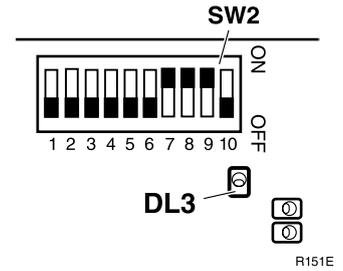**2** Select the code in the transmitter.

R138C

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

SW2

ON

1 2 3 4 5 6 7 8 9 10

OFF

DL3

R151B

4 Press the button of the required channel. DL2 flashes to show programming is complete.

DL2

R151D

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

SW2

ON

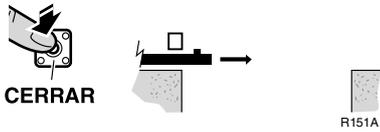1 2 3 4 5 6 7 8 9 10

OFF

DL3

R151E

6 Disconnect and reconnect the electrical power supply.
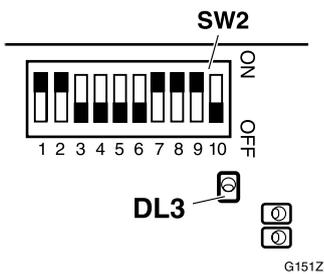
Pedestrian opening radio code

Programming is carried out in the same way, using DIP6 instead of DIP4.
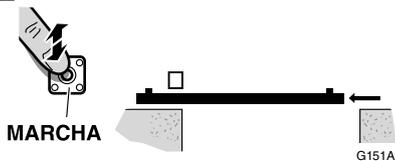
Total open/close programming

**1** Connect the electrical power supply and close the gate by keeping CLOSE pressed down.

CERRAR

R151A

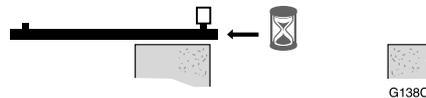**2** Place the DIPs as shown in the figure (DIP2=ON, DIP1=ON). DL3 lights up to show programming mode enabled.

SW2

ON

1 2 3 4 5 6 7 8 9 10

OFF

DL3

G151Z

3 Press START to start opening.

MARCHA

G151A

4 Press START to start slowdown (approx. 50cm before the end of travel).

50cm   **2**

MARCHA   **DA1**

G151B
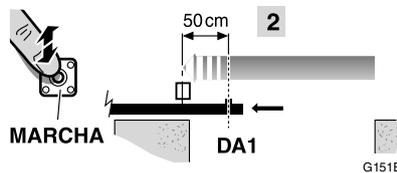
5 Wait for it to come to a stop at the end of travel.

G138C

6 Press START to start closing.

MARCHA

G151D

7 Press START to start slowdown (approx. 50cm before the end of travel).

50cm

MARCHA   **DC1**

G151E
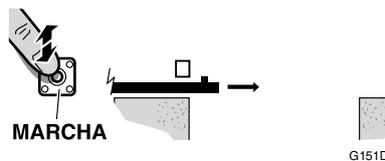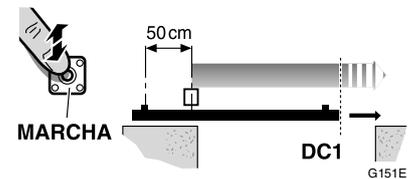
8 Wait for it to come to a stop at the end of travel.

G138F

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

SW2

ON

1 2 3 4 5 6 7 8 9 10

OFF

DL3

R151E
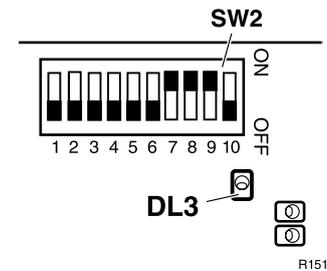
Pedestrian open/close programming

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
- PEDESTRIAN is used instead of START
- In step 5, stop the gate with PEDESTRIAN

Function and mode selection using SW2 (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 the 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 (this 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	No function		place always in OFF
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
DIP9	Limit switches configuration	ON	gate which opens to the right
		OFF	gate which opens to the left
DIP10	Type of deceleration (only if DIP8 = ON)	ON	progressive deceleration (deceleration ramp 1.5 seconds)
		OFF	sudden deceleration (no deceleration ramp)

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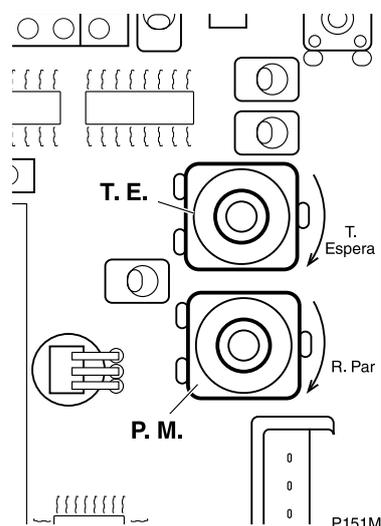
T.E (Standby Time): open gate standby time

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.**