RINO

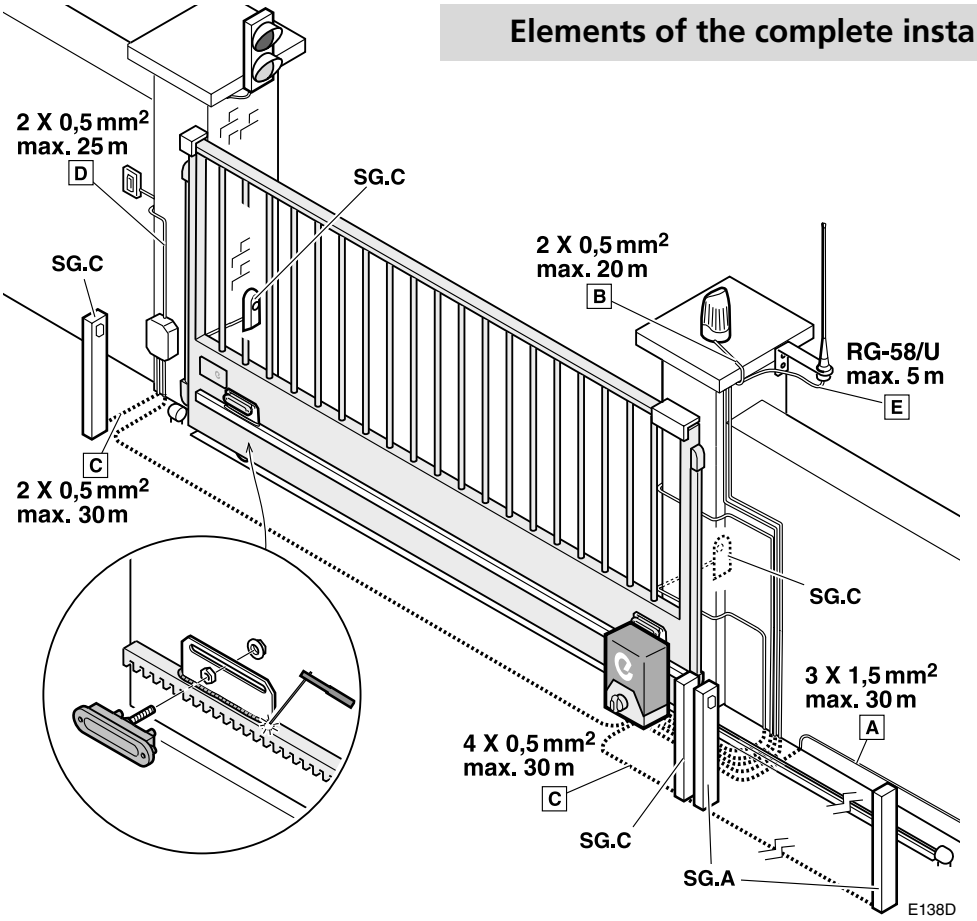
Quick installation and programming guide

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



Electrical cabling

A: Main power supply

B: Flashing light

C: Photocells (Tx / Rx)

D: Pushbutton/wall key

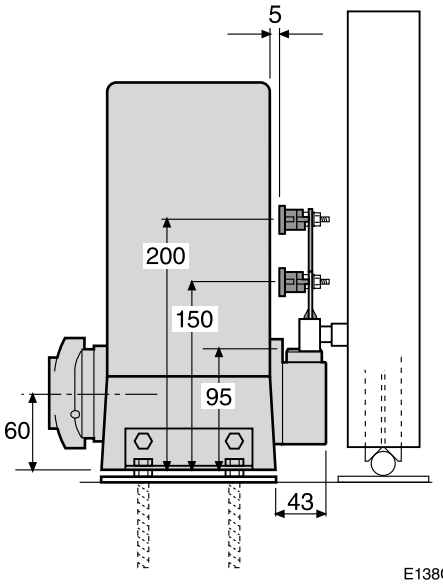
E: Antenna

Photocells

SG.A: opening photocell: to enable testing, place DIP9 in ON.

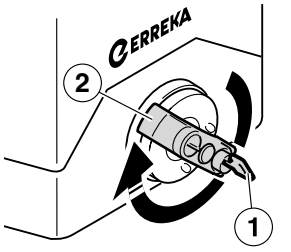
SG.C: closing photocell: to enable testing, place DIP6 in ON.

Assembly levels (mm)



Unlocking

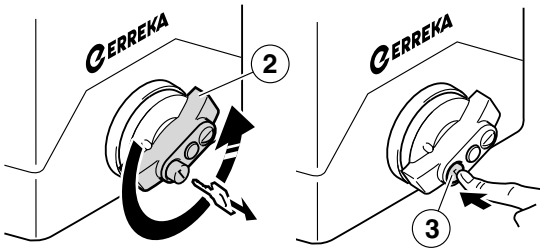
Unlocking



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.

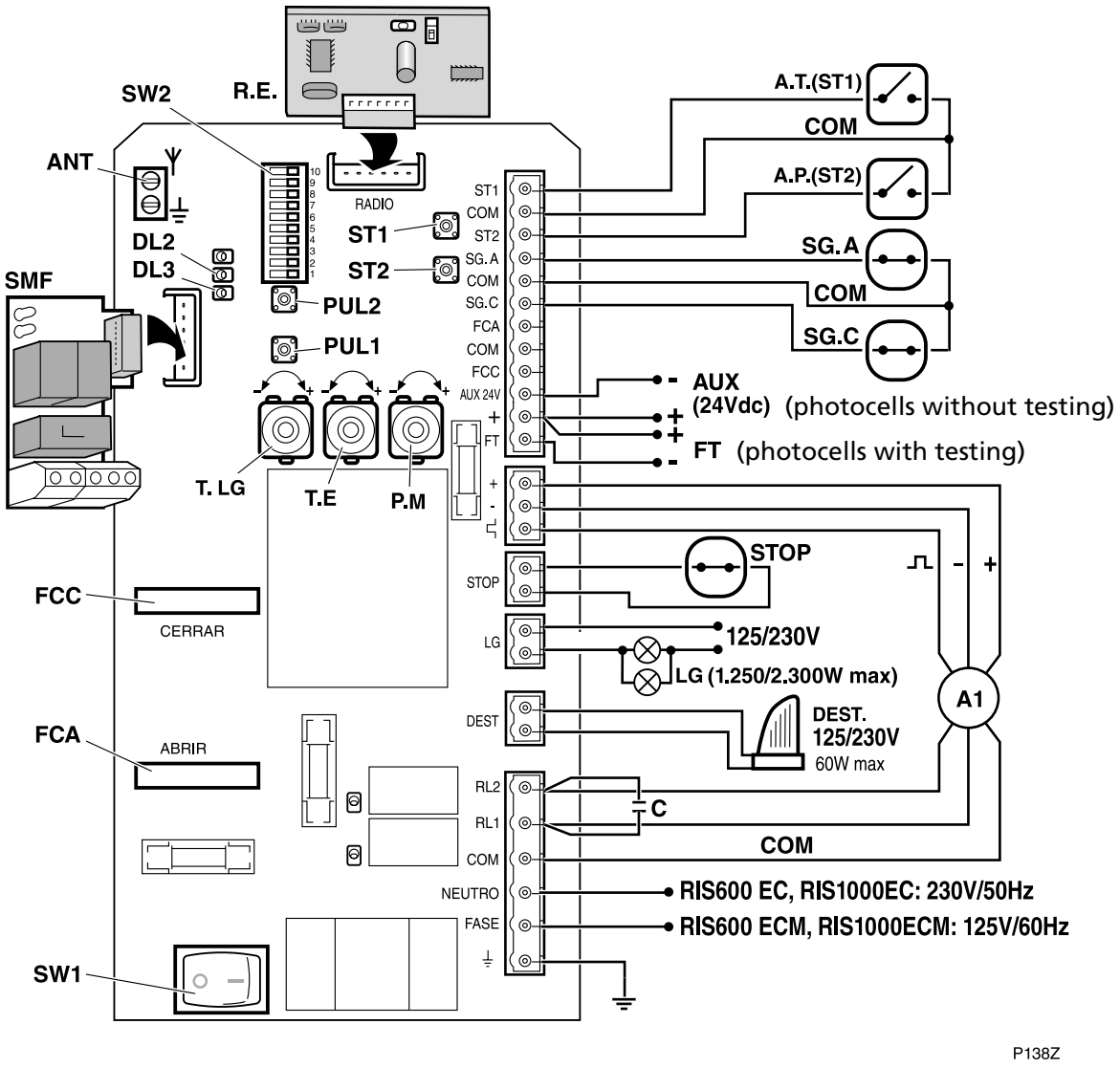
Locking



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



P138Z

Turning direction

Check operation using the mini-pushbuttons PUL1 (close) and PUL2 (open).

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

Encoder

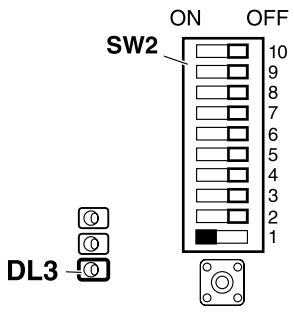
For the correct operation of the encoder, ensure DIP7 is in ON.

Photocell testing

Opening photocells (SG.A): place DIP6 in ON to enable testing.

Closing photocells (SG.C): place DIP9 in ON to enable testing

SW2 Functions during programming (DIP1=ON)



E138L

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

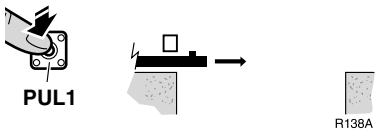
DIP1=ON and DIP4=ON: total opening radio code programming

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

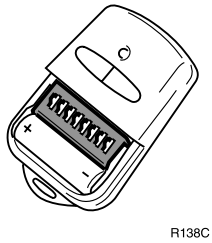
Total opening radio code programming (with RSD receiver only)

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

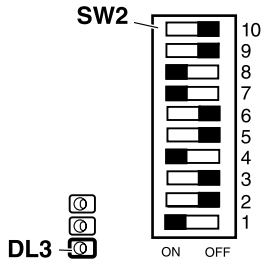
1 Connect the electrical power supply and close the gate by keeping PUL1 pressed down.



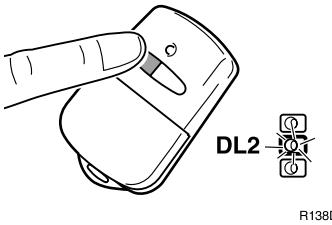
2 Select the code in the transmitter.



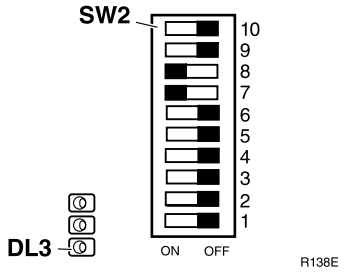
3 Place the DIPs as shown in the figure (DIP1=ON, DIP4=ON). DL3 lights up to show programming mode enabled.



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



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



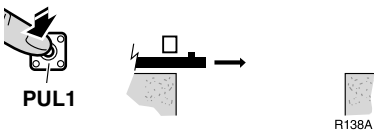
6 Disconnect and reconnect the electrical power supply.

Pedestrian opening radio code

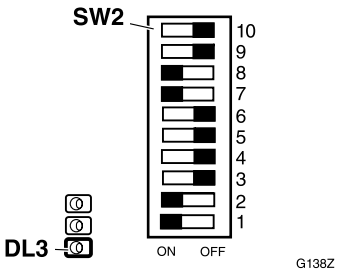
Programming is carried out in the same way, using DIP6 instead of DIP4.

Total open/close programming

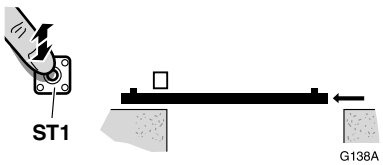
1 Connect the electrical power supply and close the gate by keeping PUL1 pressed down.



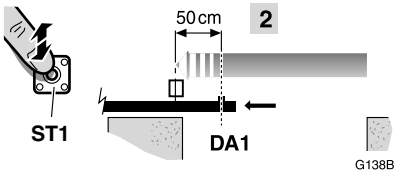
2 Place the DIPs as shown in the figure (DIP2=ON, DIP1=ON).
DL3 lights up to show programming mode enabled.



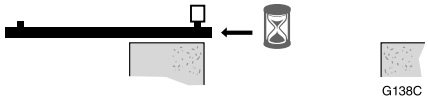
3 Press ST1 to start opening.



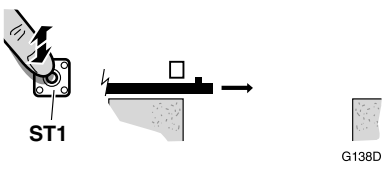
4 Press ST1 to start slowdown (approx. 50cm before the end of travel).



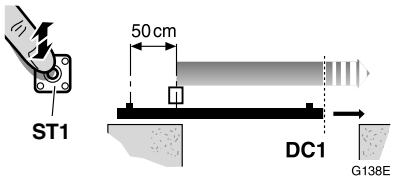
5 Wait for it to come to a stop at the end of travel.



6 Press ST1 to start closing.

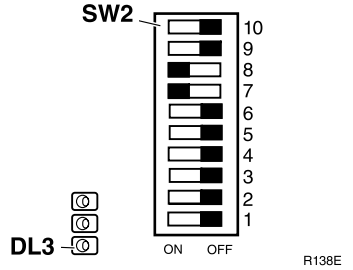


7 Press ST1 to start slowdown (approx. 50cm before the end of travel).



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

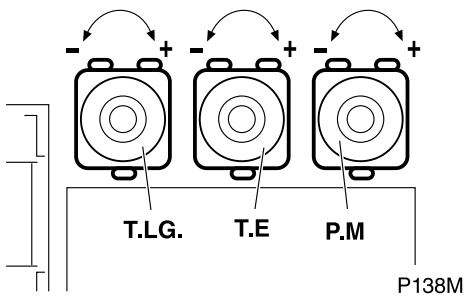
This is carried out in the same way as total travel programming, with the following differences:

- 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 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	Step-by-step or collective opening	ON	step-by-step opening (the panel obeys the key commands during opening)
		OFF	collective opening (the panel 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.)
		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
DIP6	Opening photocell testing	ON	testing enabled
		OFF	testing disabled
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	Closing photocell testing	ON	testing enabled
		OFF	testing disabled
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.LG: garage light time

If the garage lighting circuit has been connected to the control panel, regulate the time which the lights shall remain on using T.LG.

- Minimum value: 3 seconds; maximum value: 90 seconds

T.E: open gate standby time

If automatic or alternative automatic functioning mode has been programmed, regulate T.E. to adjust the standby time with the gate open (before automatic closing begins).

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

P.M: 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.**