ARES

ERREKA

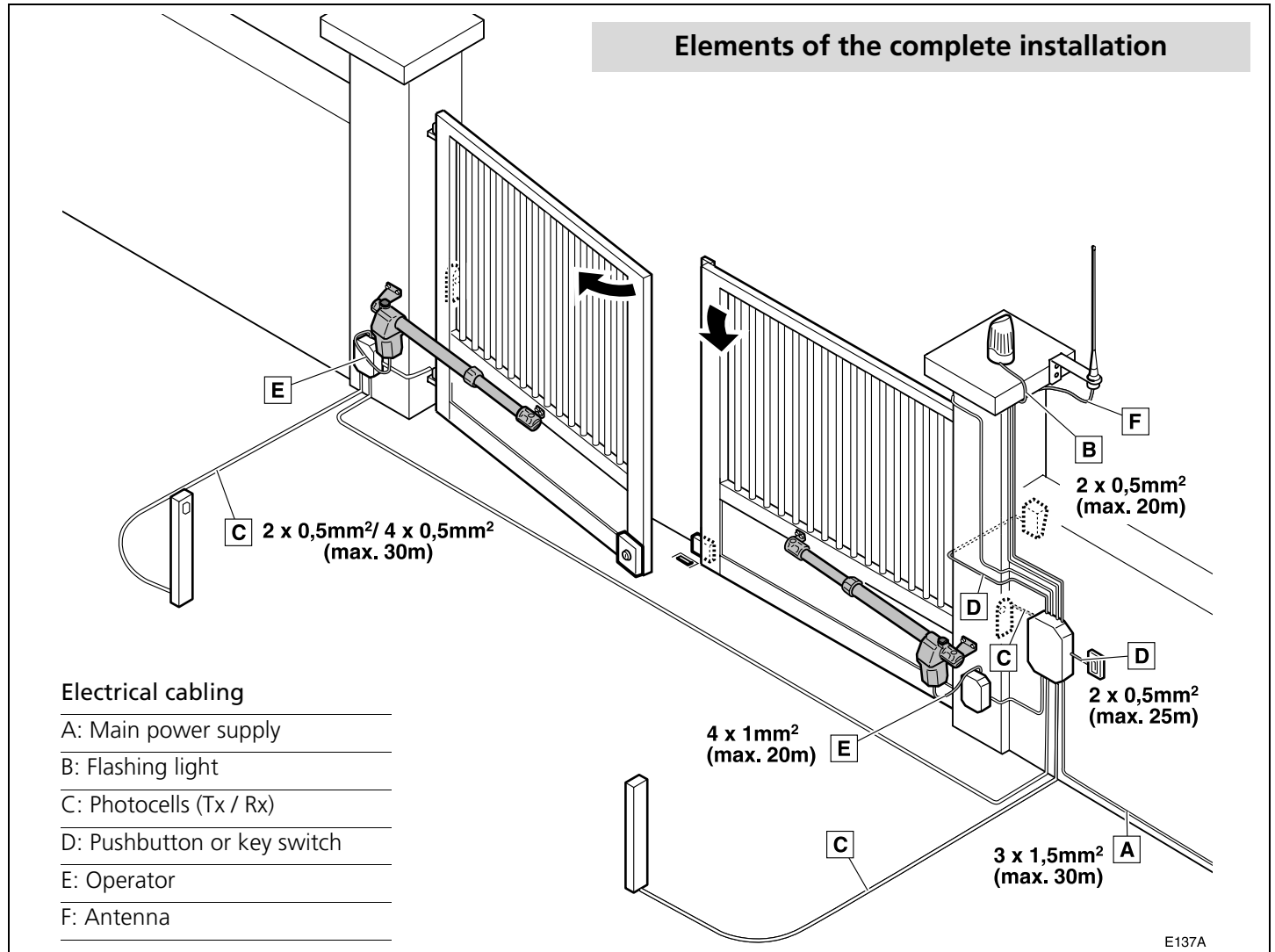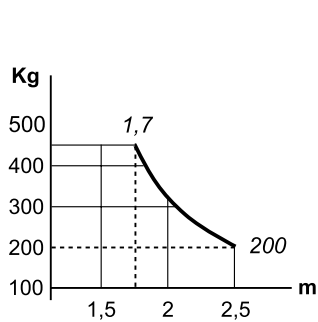## Quick installation and programming guide

English

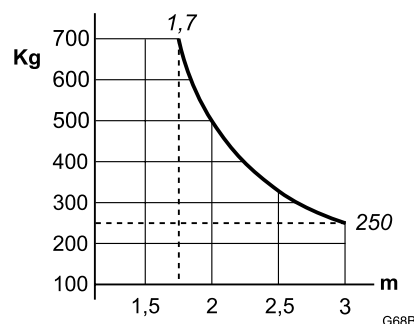| IMPORTANT NOTE	This quick guide is a summary of the complete installation manual. The manual contains safety warnings and other explanations which must be taken into account. The installation manual can be downloaded by going to the "Downloads" section at the Erreka website: http://www.erreka-automation.com

Elements of the complete installation

E
C 2 x 0,5mm²/ 4 x 0,5mm²
(max. 30m)

F
B
2 x 0,5mm²
(max. 20m)

D
C
D
2 x 0,5mm²
(max. 25m)

4 x 1mm²
(max. 20m)
E

C
3 x 1,5mm²
(max. 30m)
A

E137A

Electrical cabling

A: Main power supply

B: Flashing light

C: Photocells (Tx / Rx)

D: Pushbutton or key switch
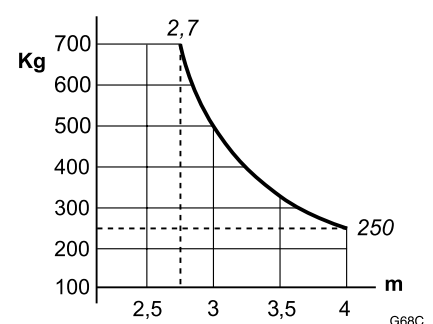
E: Operator

F: Antenna

Limits on use

AE33IPL-AE33DPL
AE3324I-AE3324D

BGRBI-BGRBD; BGRBIM-BGRBDM;
BGRRI-BGRRD

BGRBIL-BGRBDL;
BGRRIL-BGRRDL

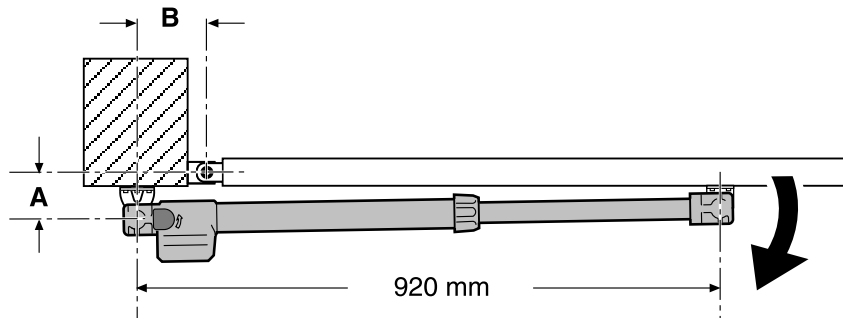☞ We recommend using an electrolock for leaf lengths of over 1.8m.

☞ Values for orientation purposes. The form of the leaf and the presence of strong wind may bring notable differences in the values of the chart.

Assembly positions and levels
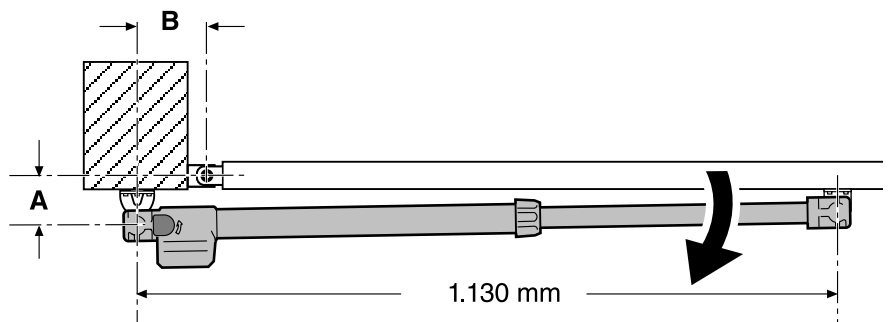
☞Levels A and B determine the opening angle C.

Short operator, inward opening (run: 300 mm)

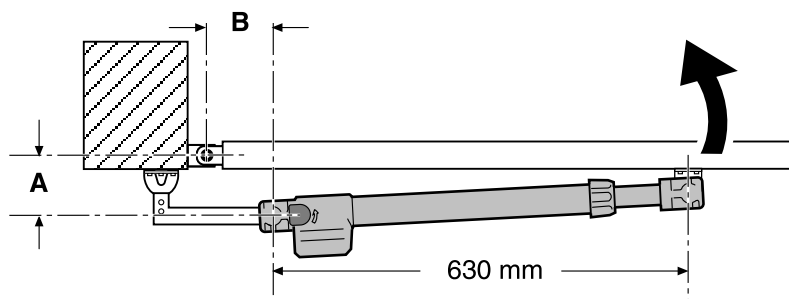| A (cm)	B (cm)	C (°)
140	140	95
120	160	120

920 mm

Long operator, inward opening (run: 400 mm)

A (cm)	B (cm)	C (°)
190	190	95
135	185	120

1.130 mm

Short operator, outward opening (run: 300 mm)

A (cm)	B (cm)	C (°)
140	140	95
120	160	120

630 mm

Long operator, outward opening (run: 400 mm)

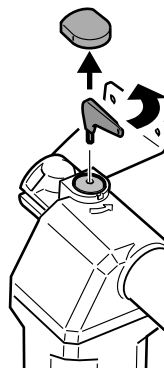| A (cm)	B (cm)	C (°)
190	190	95
135	185	120

730 mm
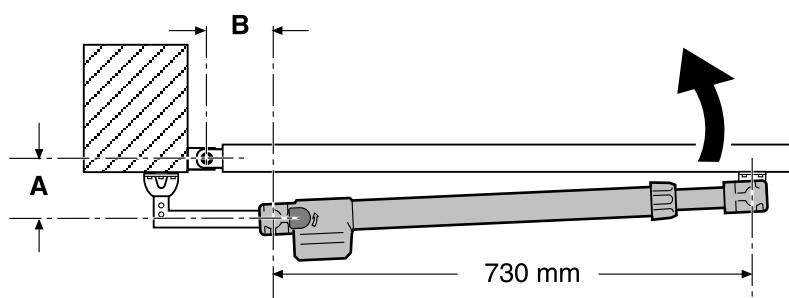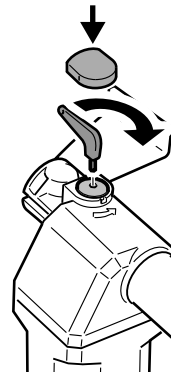
M137A

Components supplied
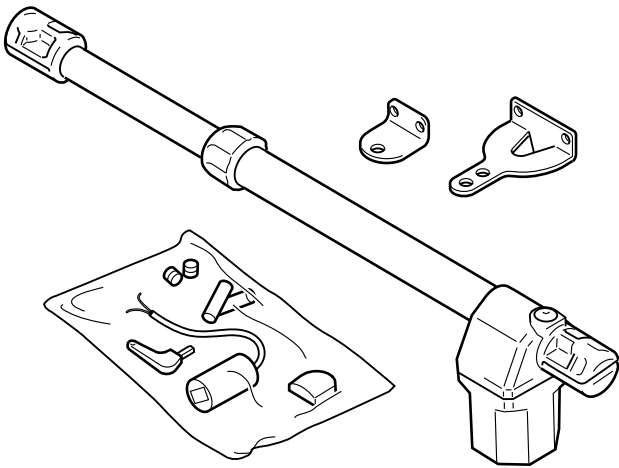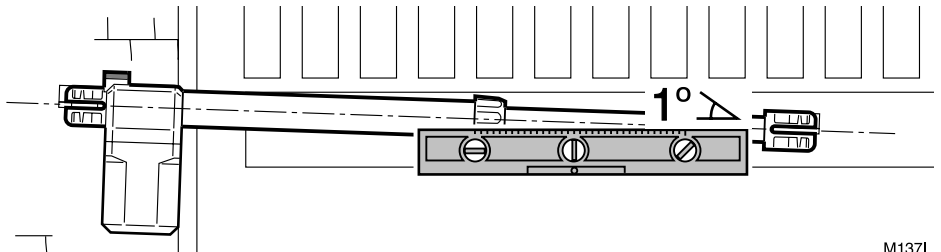
Manual drive

Unlocking
(manual operation)

Locking
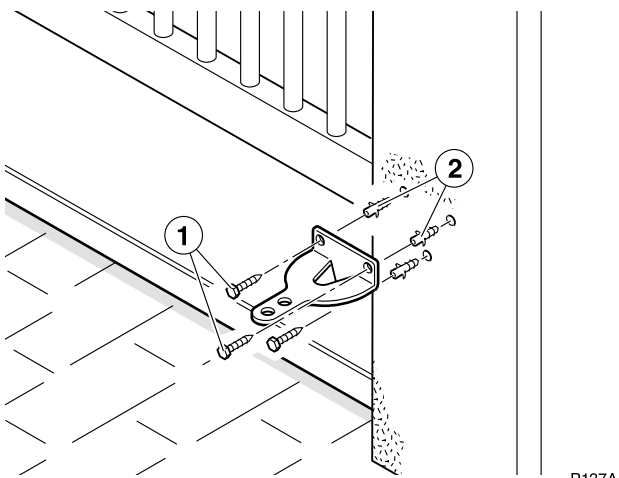(motorised operation)

Assembly

☞ The supports should be positioned so as the operator forms an angle of 1° with regards to the horizontal, remaining lower on the gate support side.
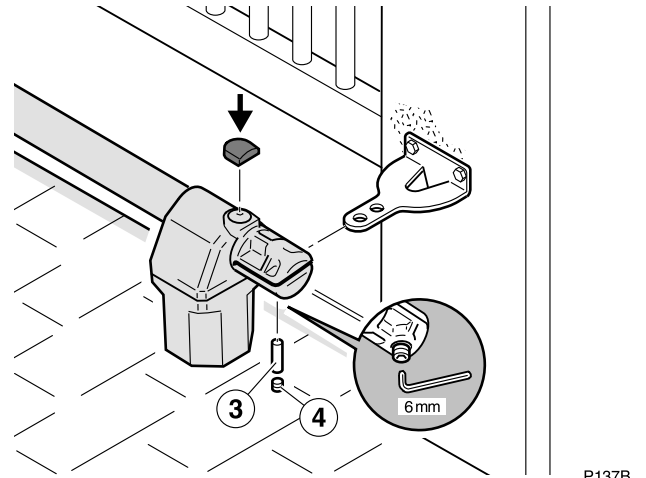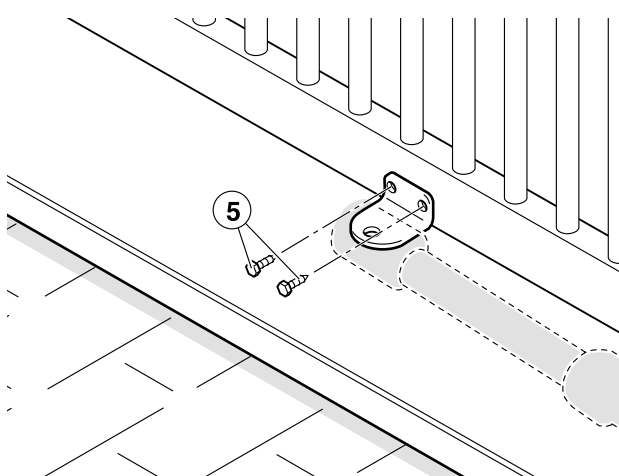
1°

M137I

1 Mount the wall support
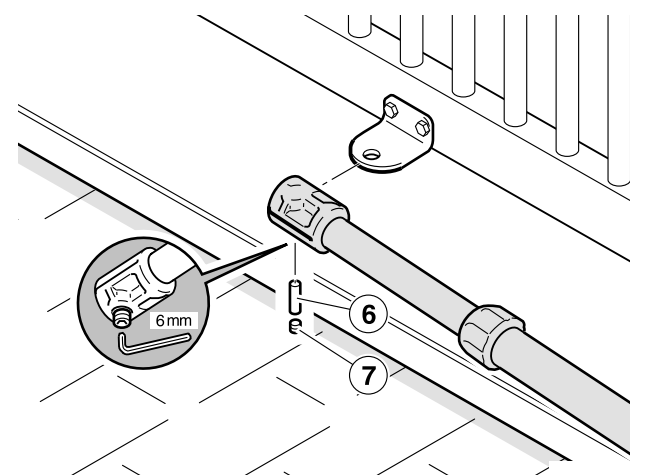
2 Mount the operator on the wall support

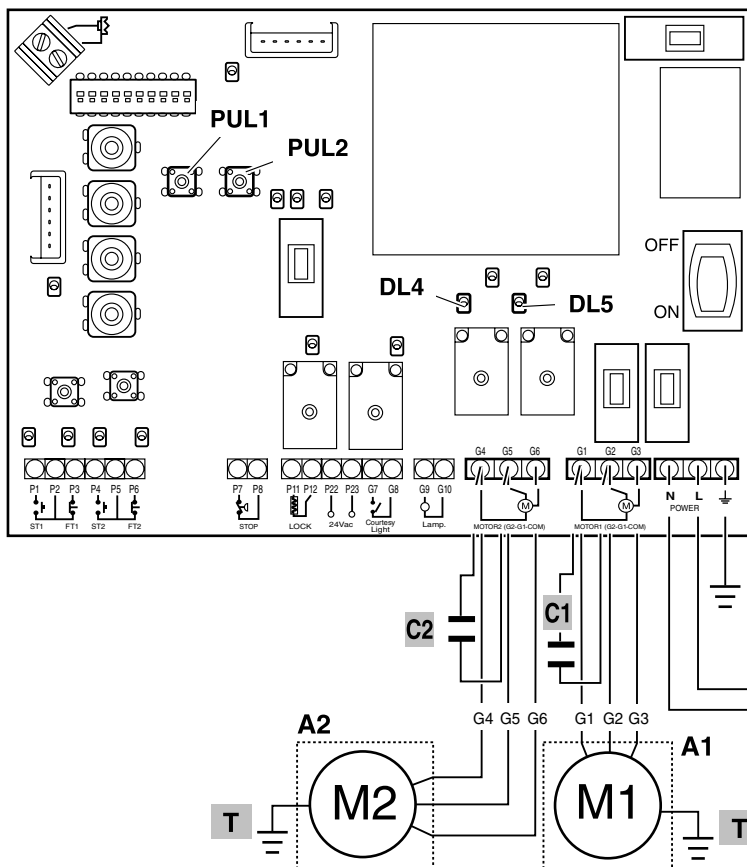6 mm

3 Position the gate support

4 Mount the operator on the gate support

6 mm

11

Electrical connections (except AE3324I and AE3324D)

☞ We recommend using the **VIVO-M101(M)** switchboard (for single operator installations) and **VIVO-M201(M)** (for twin operator installations).

A1, A2   Operators
C1, C2   Capacitors
DL4   Gate opening
DL5:   Gate closing
PUL1   Close mini-pushbutton
PUL2   Open mini-pushbutton
T   Earth connection

Operator connections A1 / A2:
G1 / G4   Open
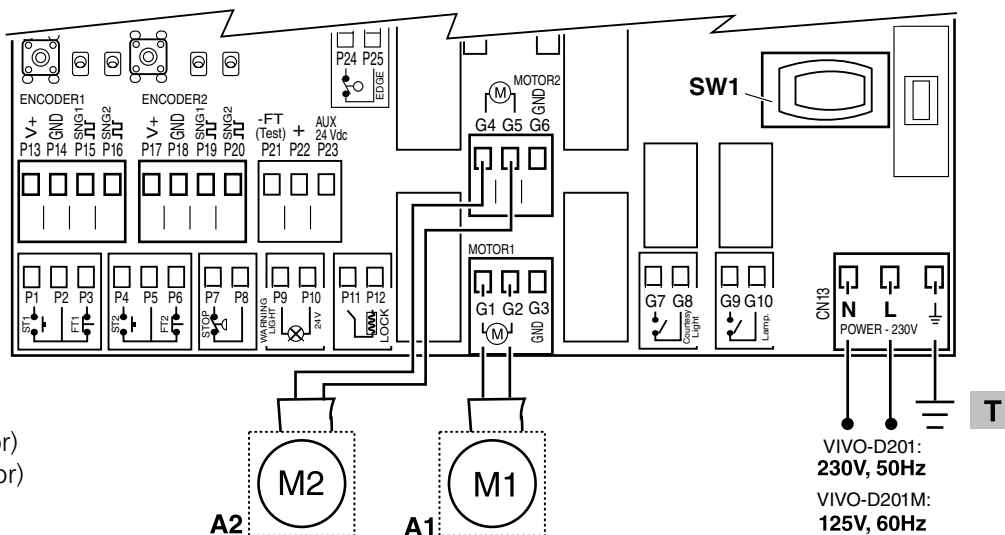**G2 / G5**   Close
G3 / G6   Common (COM), grey cable

☞ When pressing PUL1, DL5 lights up and the G2/G5 and G3/G6 cable connectors are activated.

☞ When pressing PUL2, DL4 lights up and the G1/G4 and G3/G6 cable connectors are activated.

• VIVO-M201: 230Vac/50Hz
• VIVO-M201M: 125Vac/60Hz

P169V

Electrical connections (AE3324I and AE3324D)

☞ We recommend switchboard **VIVO-D201(M)**.

A1   Operator 1
A2   Operator 2
G1/G4   Red cable (motor)
G2/G5   Blue cable (motor)
SW1   Main switch

VIVO-D201:
230V, 50Hz

VIVO-D201M:
125V, 60Hz

P144Y2

• Select the number of operators using `C0` (`C001`: one operator, `C002`: two operators).
• Select the directions using `C1` (A1) and `C2` (A2).
• Programme `C7` for operation without encoder or limit switches (`C700`).
• For the ARES 24V operator, programme `C304`.
• Adjust the thrust in accordance with the weight of the gate (parameter `A6`).

☞ **Turning direction check**: after connecting the power and activating any of the key devices, the gate makes a reset (the display shows `r5`): the gate closes until it reaches the stopper, assigning this stopper with the position "gate closed" If it opens instead of closes during the reset, change turning direction using `C1` (A1) or `C2` (A2).