CICLON

ERREKA

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/Automatismos/descargaDocumentos.aspx

Elements of the complete installation
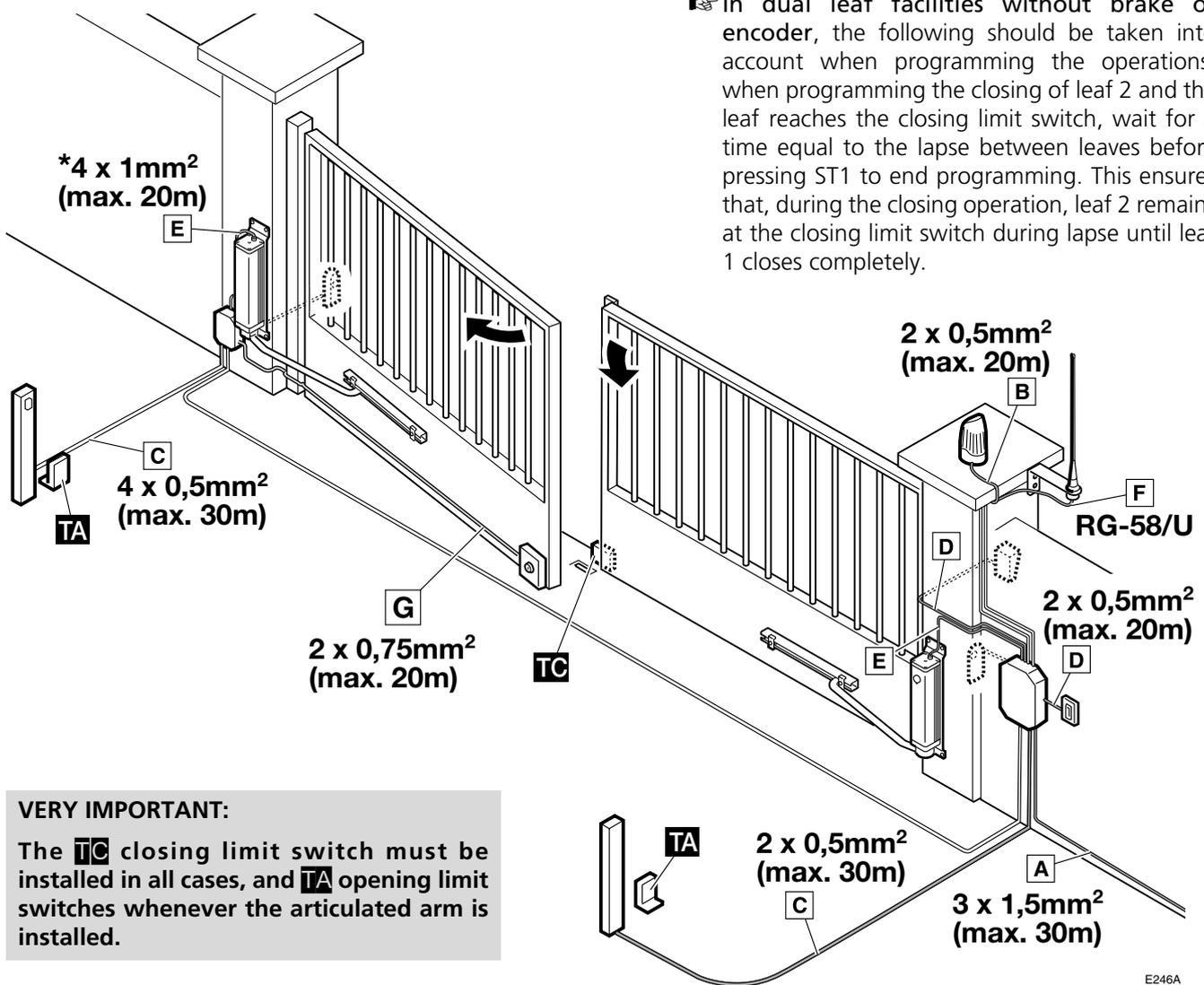
☞ **In dual leaf facilities without brake or encoder**, the following should be taken into account when programming the operations: when programming the closing of leaf 2 and the leaf reaches the closing limit switch, wait for a time equal to the lapse between leaves before pressing ST1 to end programming. This ensures that, during the closing operation, leaf 2 remains at the closing limit switch during lapse until leaf 1 closes completely.

*4 x 1mm² (max. 20m)

E

2 x 0,5mm² (max. 20m)

B

4 x 0,5mm² (max. 30m)

C

TA

RG-58/U

F

D

2 x 0,5mm² (max. 20m)

D

G

2 x 0,75mm² (max. 20m)

TC

E

2 x 0,5mm² (max. 30m)

TA

C

A

3 x 1,5mm² (max. 30m)

E246A

VERY IMPORTANT:

The TC closing limit switch must be installed in all cases, and TA opening limit switches whenever the articulated arm is installed.

Electrical wiring

A: Main power supply
B: LUMI flashing light
C: Photocells (Rx/Tx)
D: Pushbutton/key switch
E: Operator *:
  motor: 4x1mm²
  brake: 2x1mm²
  encoder: shielded cable 2x0.5mm²
F: LUMI built-in antenna
G: Electrolock

☞ The electrolock is obligatory for operators without lock (CL210 and CL250). For operators with lock, the electrolock must be used for gate leaf lengths of over 1.8m.

*NOTE: the electrical installation of the operator can be done correctly and straightforwardly using the cable with AYCY8 code, which ERREKA can supply by metre. This cable has the characteristics 4x1mm²+2x1mm²+ ((2x0.5mm²)) and was developed specifically for this use.

Unlocked (only for models with brake)
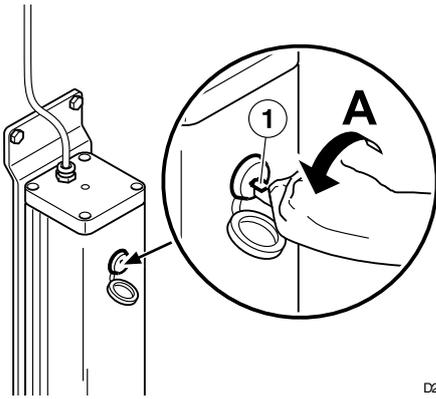
D246A



D246B

Unlocked for manual operation:
- Remove the cap and insert the key (1).
- Turn the key 90° anti-clockwise (A). The gate is free to move manually.
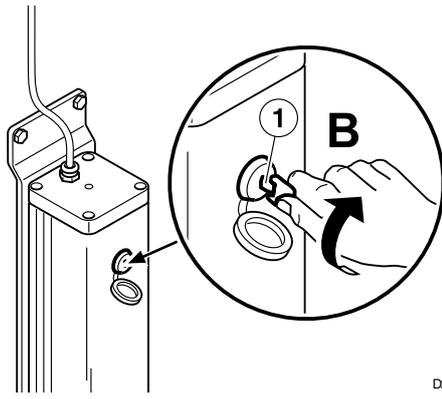
Lock for motorised operation:
- Turn the key (1) 90° clockwise (B).
- Remove the key and position the cap to stop water from coming in.

Assembly levels

Assembly with sliding arm ACL26/ ACL06 (inward opening)

The **TC** closing limit switch must be installed with this type of arm.

☞ The levels with no brackets correspond to models CLS210F/ CL210F (T2000VFI)/ CL210 with arm ACL06.

☞ The levels between brackets correspond to models CLS250F/ CL250F/ CL250 with arm ACL26.
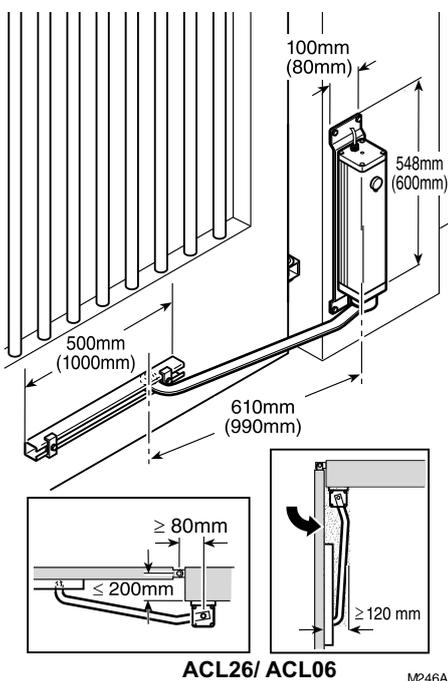
Assembly with sliding arm ACL08 (outward opening)

The **TC** closing limit switch must be installed with this type of arm.

☞ The exterior opening arm is only valid for the operators CLS210F/ CL210F (T2000VFI)/ CL210.
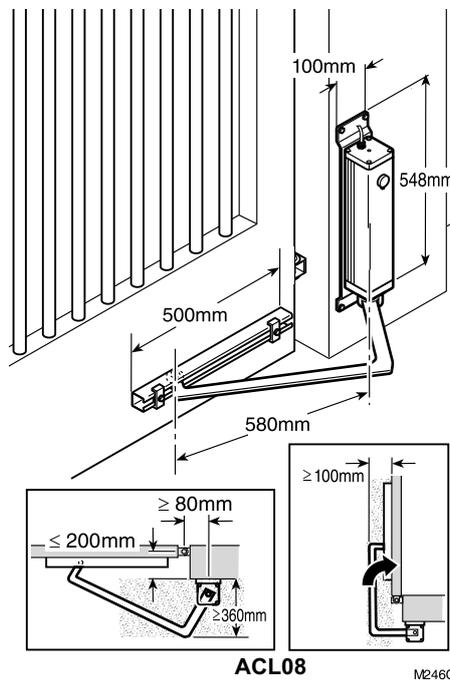
Assembly with articulated arm ACL05 (inward opening)

TC closing limit switch and **TA** opening limit switch must be installed with this type of arm.

☞ The ACL05 articulated arm is only valid for the models CLS210F/ CL210F (T2000VFI)/ CL210.

ACL26/ ACL06   M246A

ACL08   M246C
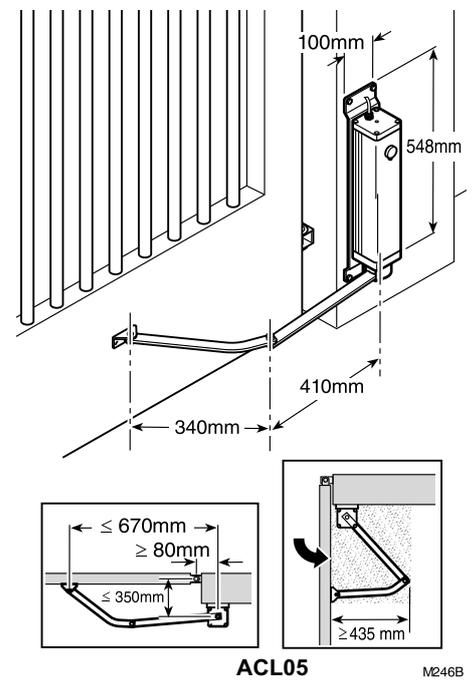
ACL05   M246B

Assembly

1 Mount the operator (1) on the bracket (2) using the screws and washers supplied (3).
Then mount the unit on the wall.

☞ Remember that the bracket corresponding to models CLS210F/ CL210F (T2000VFI) / CL210 is shown.
The bracket for models CLS250F/ CL250F/ CL250 has some differences, although assembly is carried out in a similar way.

P246A
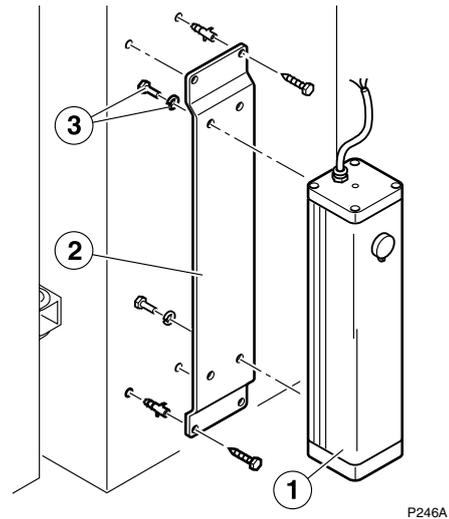
OPTION A: assembly with sliding arm

A1 Mount the drag wheel (1) on the operator shaft.

A2 Install the arm (2) and the cap (3) on the drag wheel.
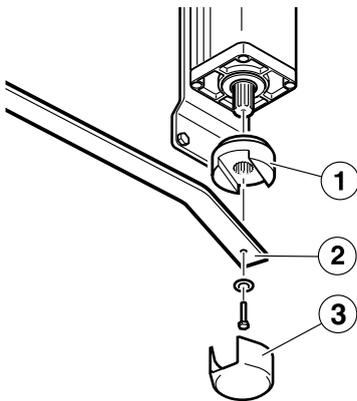
A3 Close the gate and mark position A on it.
Open the gate and mark position B on it.
Secure the track so points A and B are aligned inside.
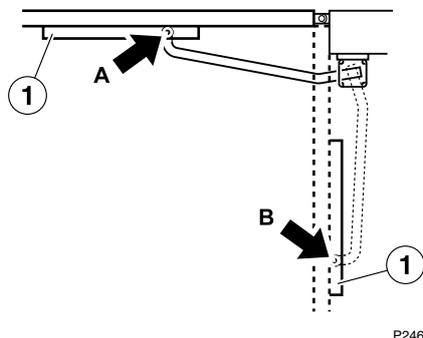
A4 Position the closing and opening limit switches (1) on the track using the plate (2) (the opening limit switch is shown in the figure).

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P246E

P246F
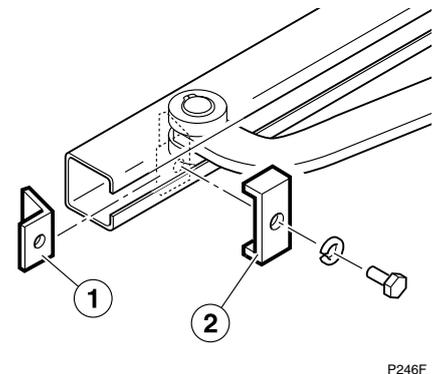
OPTION B: assembly with articulated arm

B1 Mount the drag wheel (1) on the operator shaft.

B2 Install the arm (2) and the cap (3) on the drag wheel.
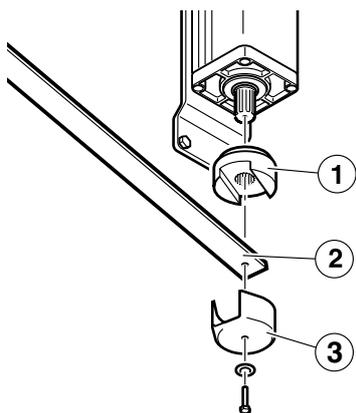
B3 Close the gate, pull the arm (1) a maximum of 670 mm and mark the positions A and B. Secure the bracket (2) in this position.

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P246H
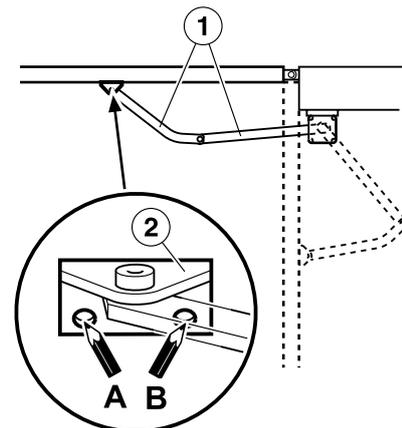
Electrical connections, control board VIVO-M203

Encoder connection (if available):
V+:   red cable
GND: mesh
SGN1:   blue cable

M1 and M2 motor connection:
G4/G1: brown cable
G5/G2: black cable
G6/G3: grey cable
C: capacitor; CL210 / CL210F (T2000VFI) / CLS210F: 5µF; CL250/ CL250F/ CLS250F: 8µF

VIVO-M203:
230V, 50Hz

VIVO-M203M:
125V, 60Hz

P246Z
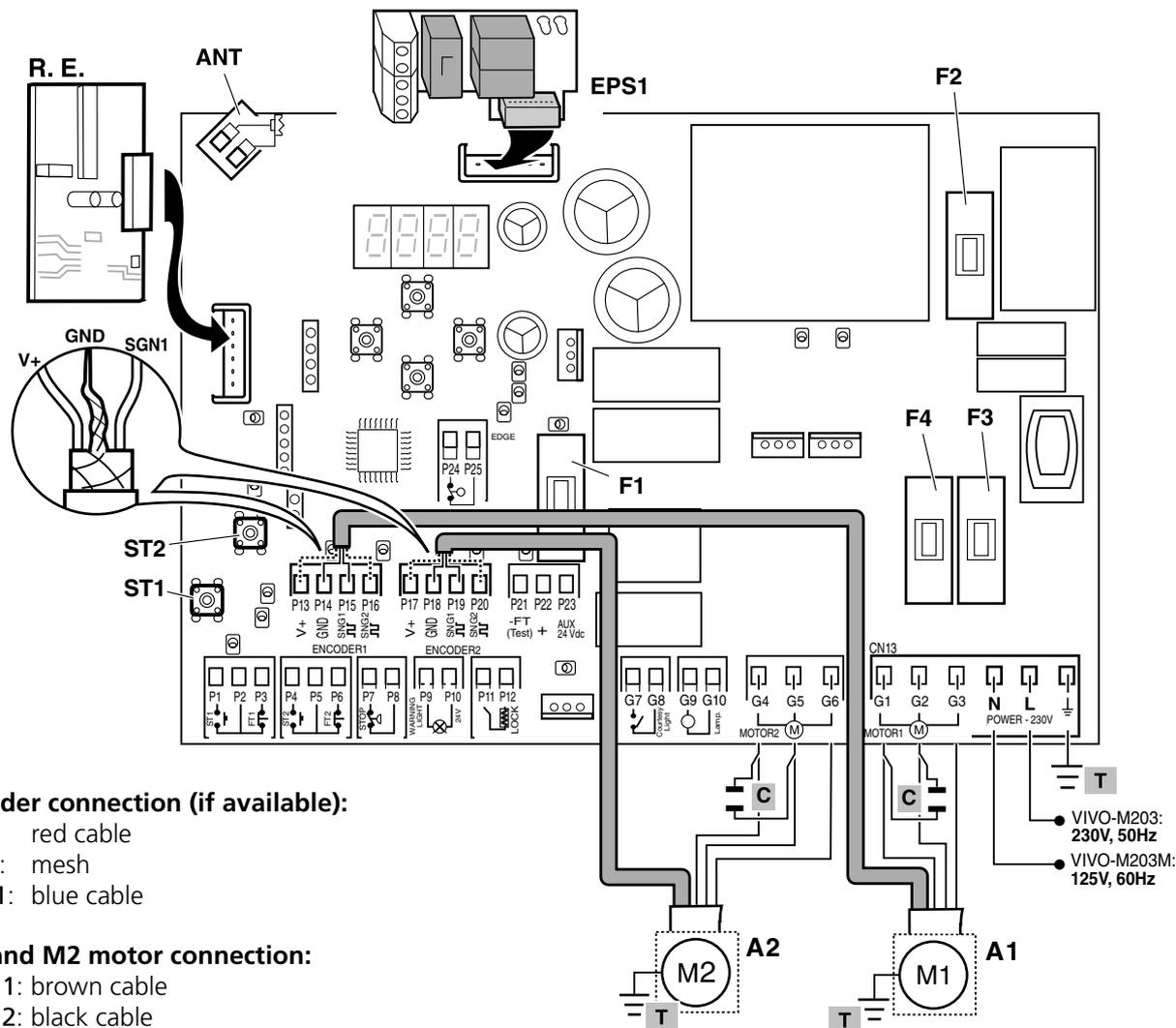
⚠ **Check the control board instructions to connect the other components and carry out programming.**

Brake cabling by way of EPS1 (VIVO-M203, parameter Ab0 1)

M203: 230V/50Hz

COM: orange cable (models with encoder)
        white cable (models without encoder)

L1, L2: purple cable (models with encoder)
        red cable (models without encoder)

DL1: Red LED, FR1 activation
DL2: Green LED, FR2 activation

P246Y