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D81296304903_01 17-10-17

1 Cable run

⚠ Use normalised black cables
RO2V - H05VVF

5x0.75 mm²

3x1.5 mm²

2x0.75 mm²

3x1.5 mm²

3x1.5 mm²

2 Motor fastening

>25 mm
60-70 mm

17 mm + X

X = Rack

⚠ Gear set / rack

2 mm

>100
>25 50

Concrete foundation
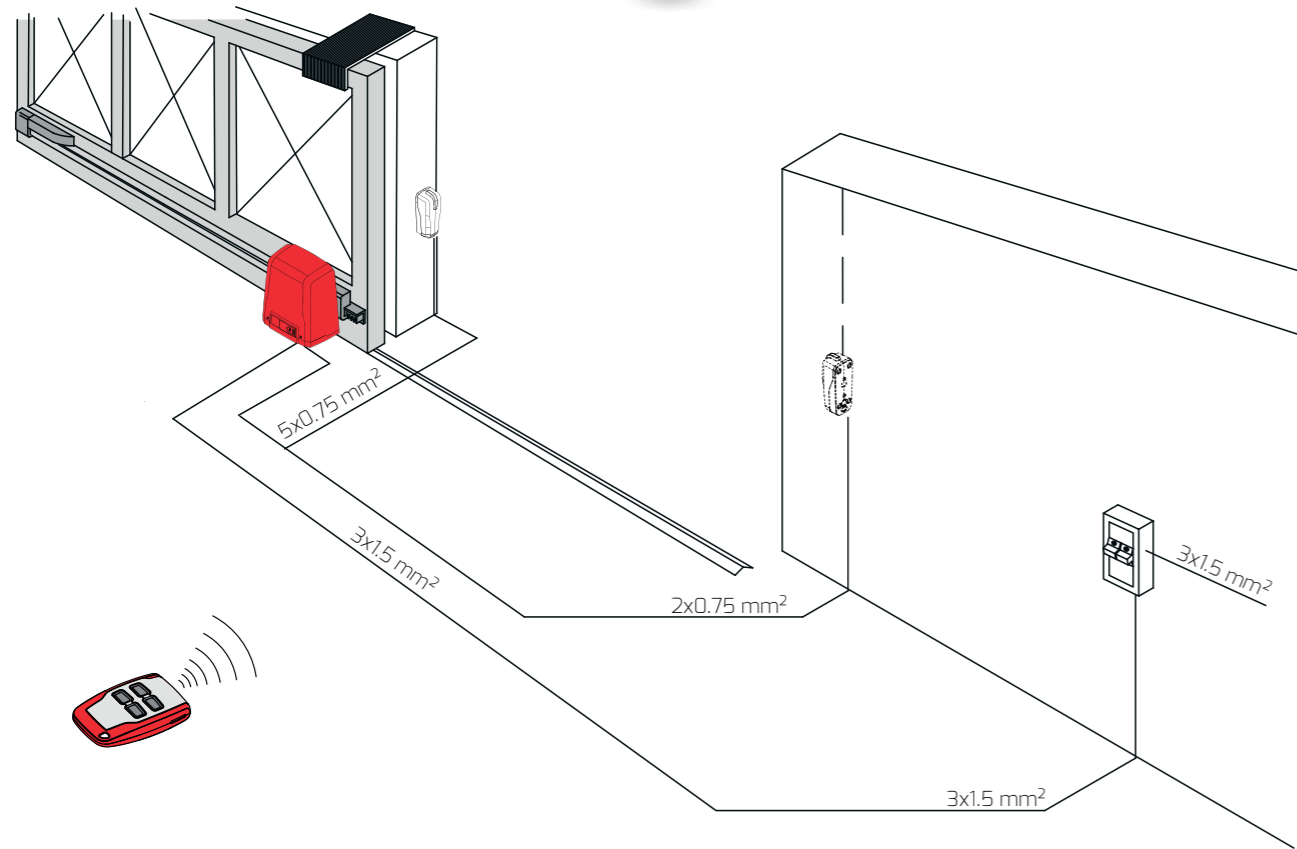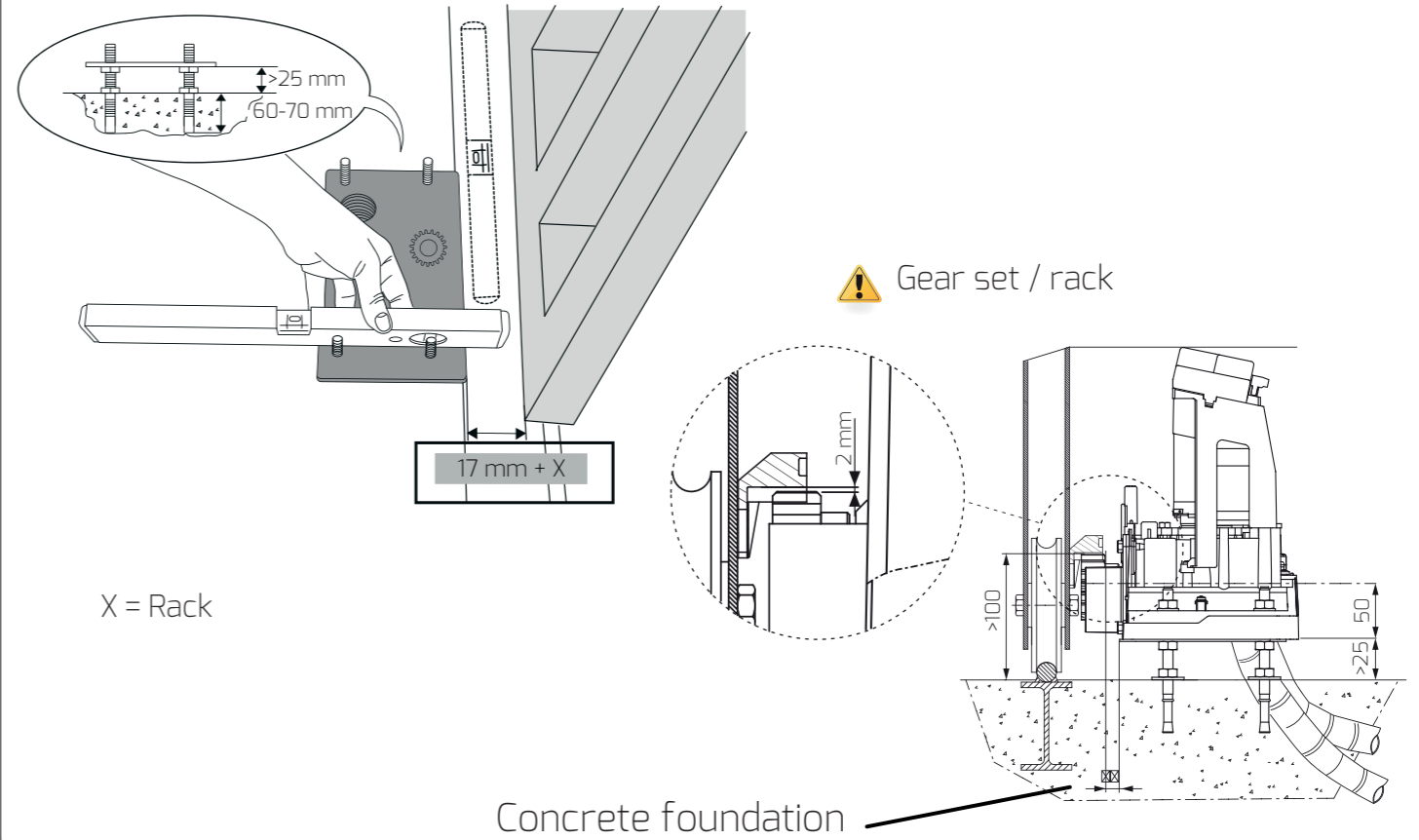
3 Limit switch adjustment

Y

≥ Y

5 mm +0/-5

R

1
2
3
4

≥ 20 mm
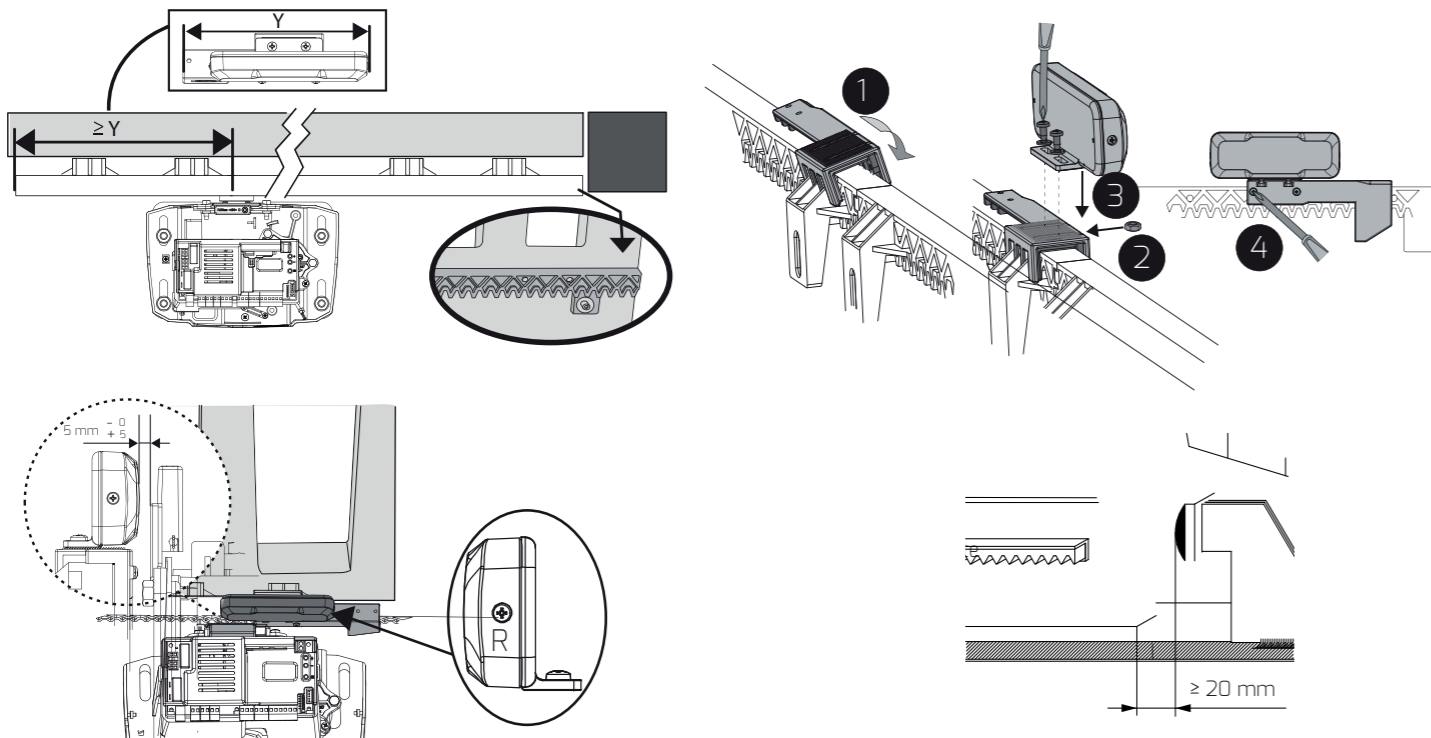
Note: the first impulse after power-on is an opening to the right.

4 Programming (see reverse)

287

50

39

135   120

164

255
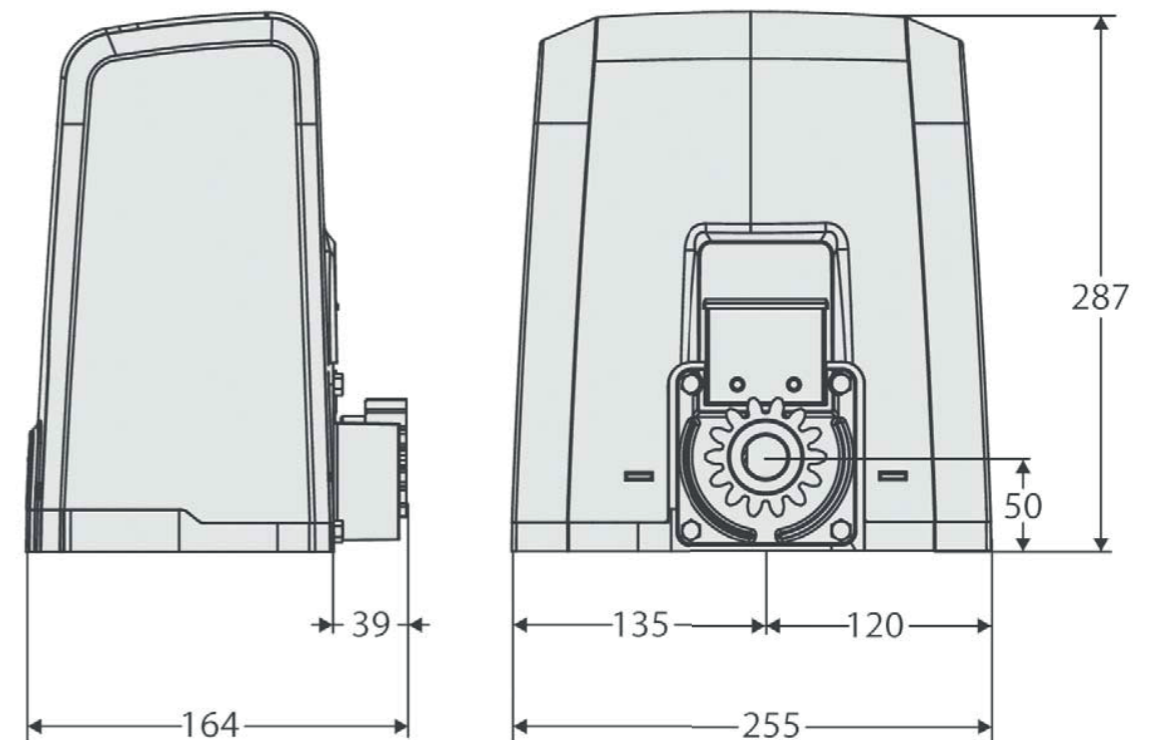
⚠ For safety warnings, please see complete instruction manual

Merak control board

Optional board connector

Display plus programming keys

+ S1
- S2
OK S3

Limit switch connector

JP13 F3 1.25A T
JP29
24V
JP32
220-230V~* F1 0.6A T (220-230V) F1 1.6A T (120V)
JP31

JP17 JP19 JP9 JP10 JP18

1165
MERAK

JP1: L N — Power supply 220-230V~*
JP2: 10 11 — Motor (M)
JP3: 20 21 — AUX 0-24V (MAX 1 A) 24V
JP4: 26 27 — AUX 24V1 A (MAX 1 A)
AUX

JP6: 50 51 52 — 24V- / 24V+ / 24 VSafe+ — Accessories power supply
JP7: 60 61 62 — COM / IC1 / IC2 — Commands (NO / NO)
JP8: 70 71 72 73 74 75 — COM / STOP / SAFE 1 / FAULT 1 / SAFE 2 / FAULT 2 — Safety devices (NC / NC / NC)

Palmtop programmer connector

2a Wire the THEA photocells.

50 51 52 SAFE1= 1, 3, 5 70 72 73
24V
TX1 RX1
1 2 / 1 2 3 4 5

or

2b Wire the DESME photocells.

50 51 SAFE1= 0, 2, 4 70 72
24V
TX1 RX1
1 2 / 1 2 3 4 5

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1 Simplified menu: basic regulations

OK ⟲ x1 — Click OK
+/- — Upward/Downward
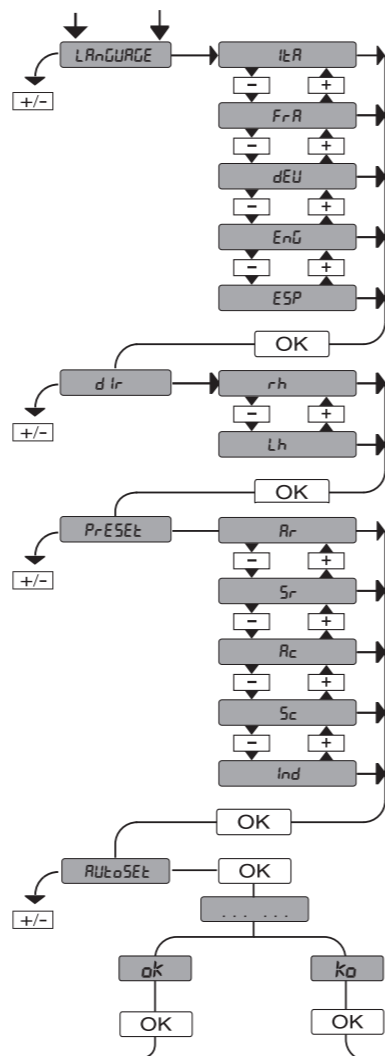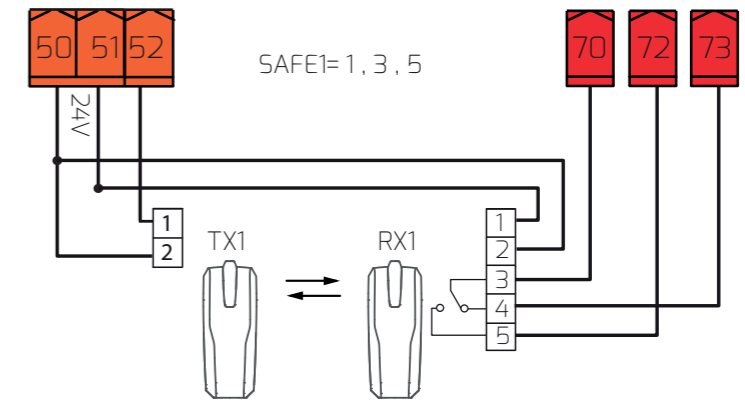
Motor at stroke centre and in gear:

- apply power
- 1x OK: language appears. 3x - (ENG) + click OK
- select direction (opening direction). Select (right or left) interior view + click OK
- select preset. (Ar: automatic stop. or Sr: semi-automatic stop). Select + click OK
- start autoset with portal at stroke centre, it stops.
If the operation is not a stop, press +- simultaneously.
Reconnect the motor in the right direction (see Direction Menu).
When autoset finishes, the display show OK.
- start programming the remote controls; the screen reads "mem. remotes":
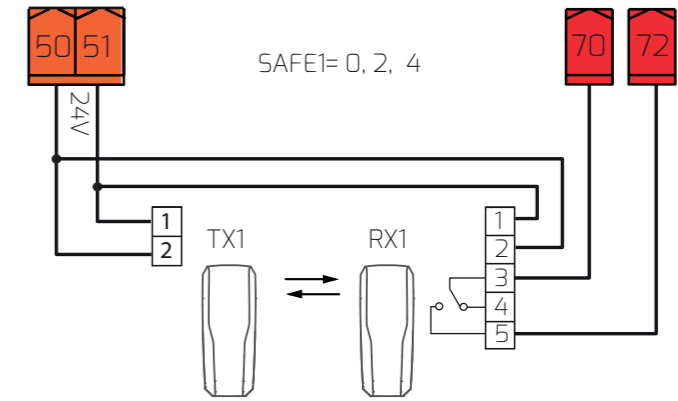Leave it alone. The screen displays "hidden key": you can programme your remote controls.

SUO: portal open
SUC: portal closed

Menu tree
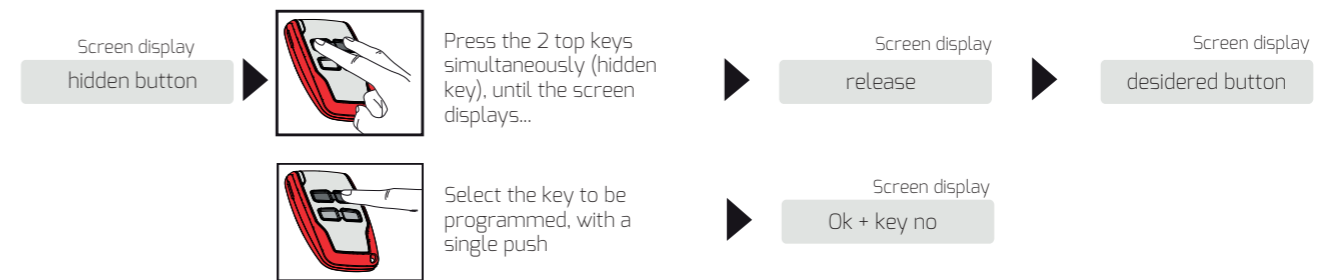LAnGUAGE → ItA / FrA / dEU / EnG / ESP → OK
dIr → rh / Lh → OK
PrESEt → Ar / Sr / Ac / Sc / Ind → OK
AutoSEt → OK → .... → ok / Ko → OK / OK

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3 How to programme the remote control

- Access the radio menu
- Select the channel you want ("add start" total opening or "add2ch" for the 2nd channel), then press OK.

Screen display: hidden button ▸ Press the 2 top keys simultaneously (hidden key), until the screen displays… ▸ Screen display: release ▸ Screen display: desidered button

Select the key to be programmed, with a single push ▸ Screen display: Ok + key no

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4 How to perform an open/close test by using the remote control.

As an option, you can go even further...

1 - I wish to de-activate the photocells while opening:
Access the **Logic** menu, scroll down to screen SAFE 1, go to 4.

2 - I wish to access automatic closing:
Access the **logic** menu, scroll down to the TCA screen, go to 1.

3 - I wish to adjust the automatic closing time:
Access the **Param** menu, click OK, and scroll down to the TCA screen, enter the value and click OK.

4 - I wish to activate pedestrian opening:
Access the **Logic** menu; scroll down to screen AUX 3, go to 1.(then continue programming the 2nd key on your remote control).