



INSTALLATION - GT

A

TOOLS

B

CONFIGURATION

SIDE CABINET
(LEFT/RIGHT)

SIDE CABINET
(LEFT/RIGHT)

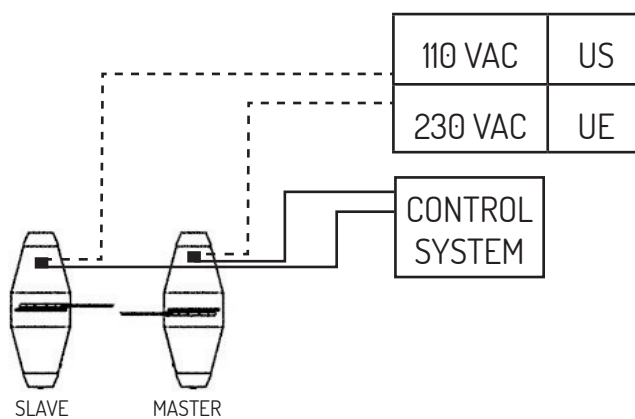
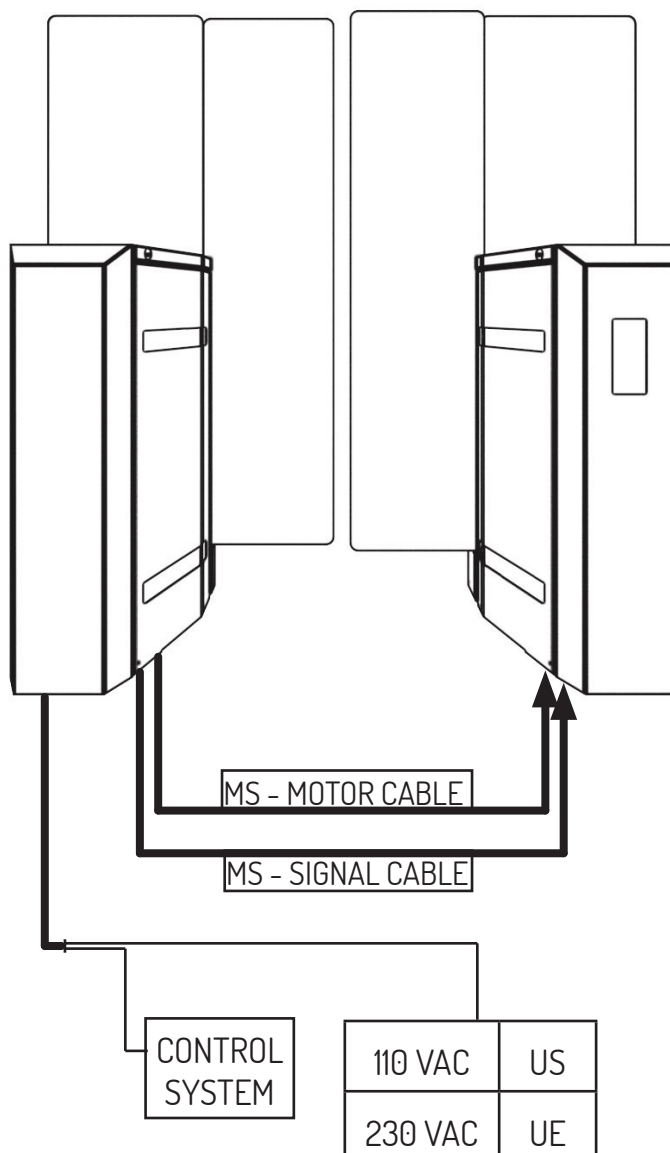
CENTRAL CABINET

CENTRAL CABINET

SINGLE-PASSAGE ACCESS SYSTEM

MASTER

SLAVE

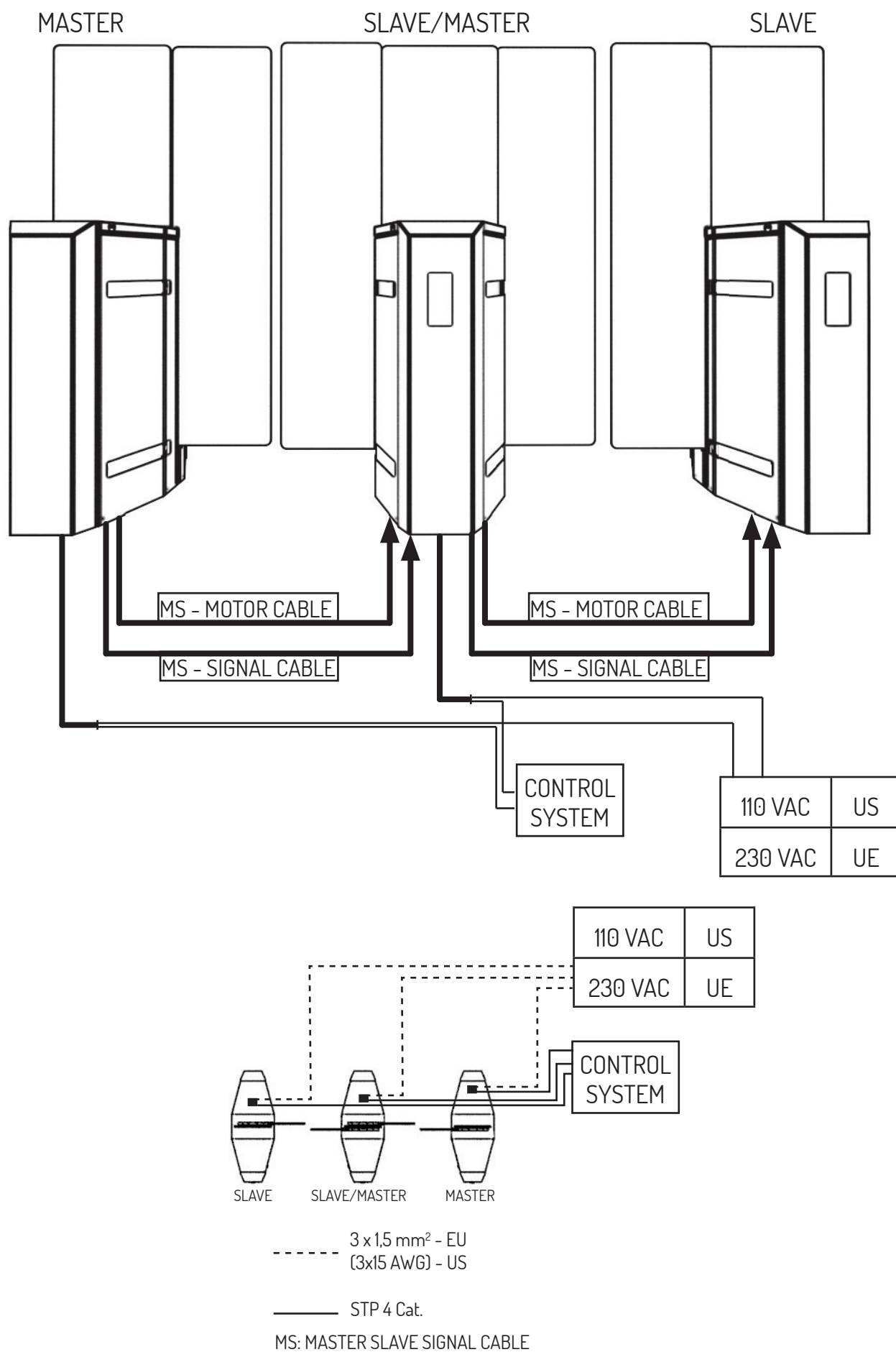


3 x 1,5 mm² - EU
 (3x15 AWG) - US

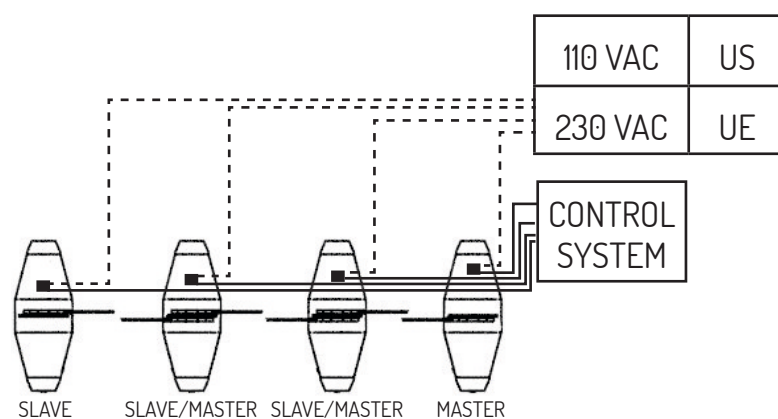
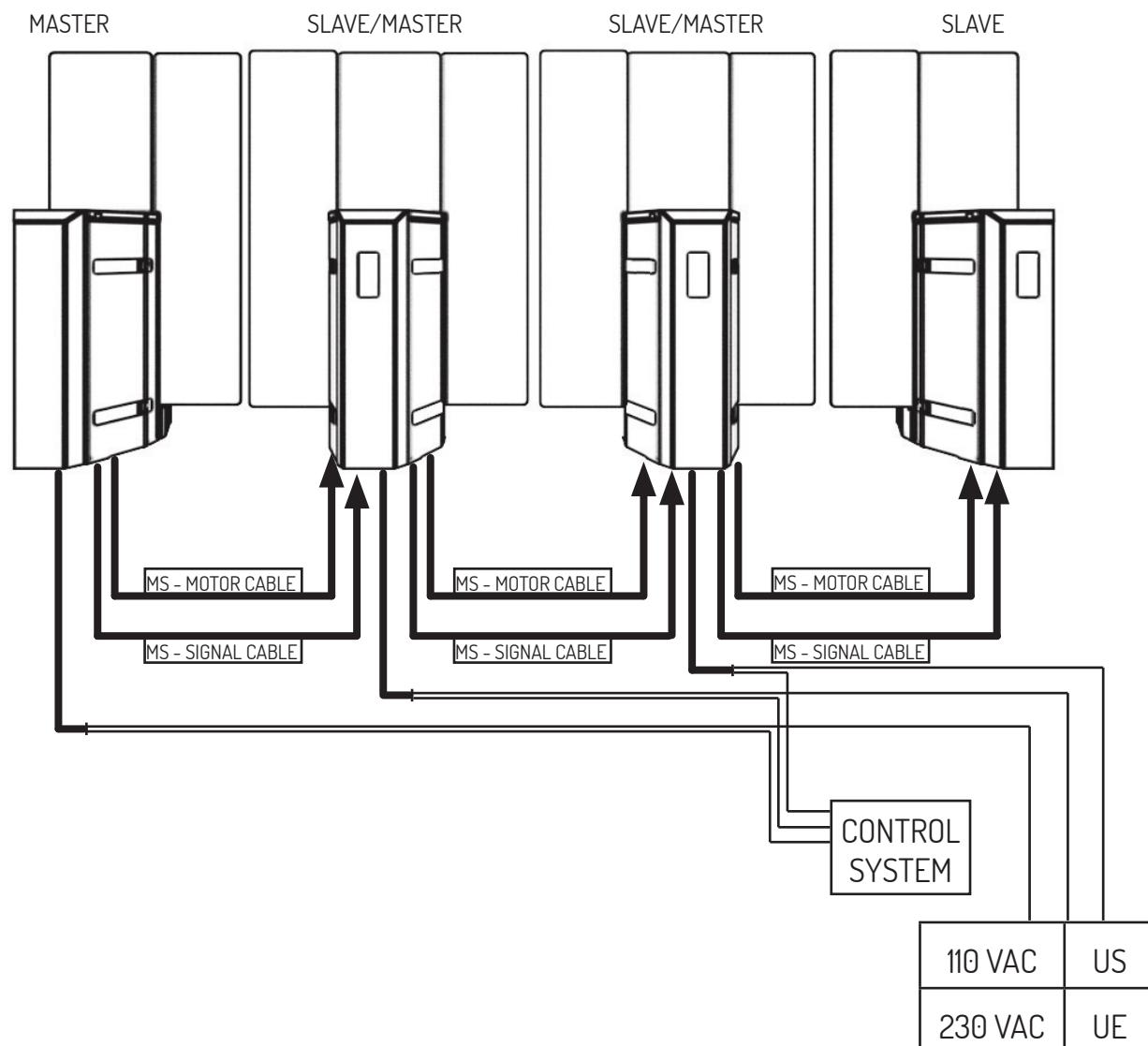
STP 4 Cat.

MS: MASTER SLAVE SIGNAL CABLE

DUAL-PASSAGE ACCESS SYSTEM



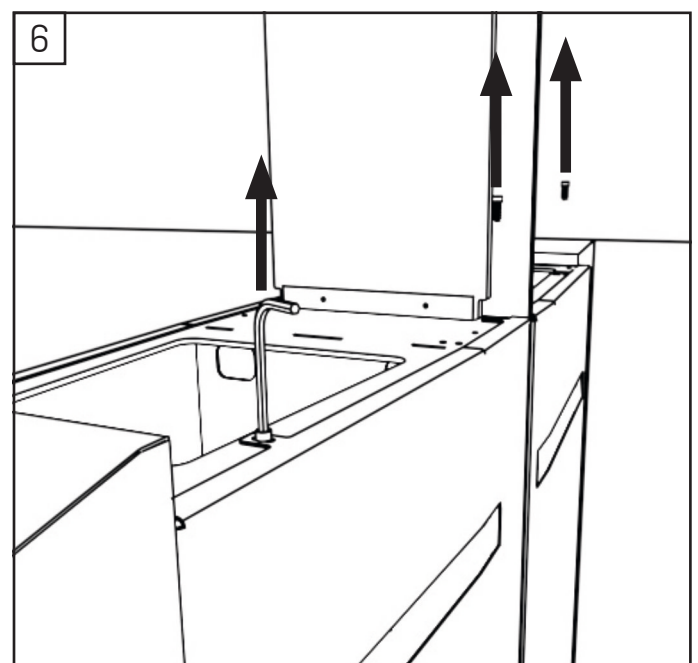
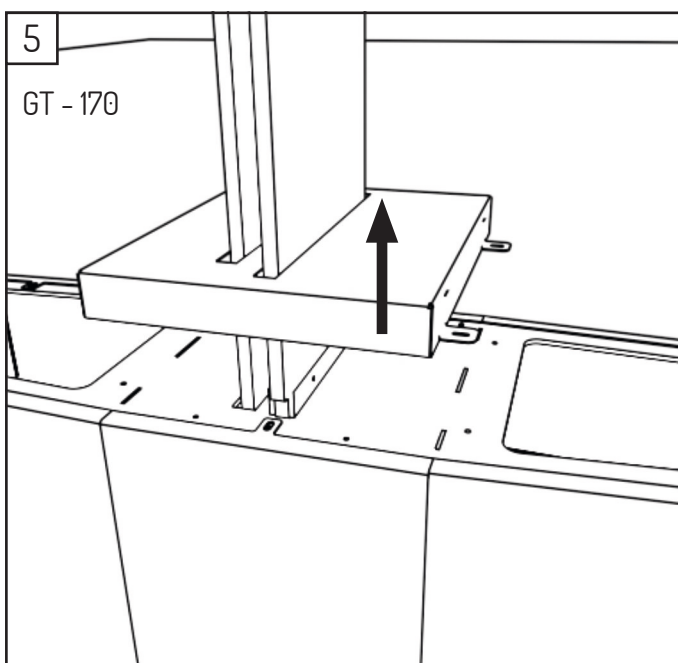
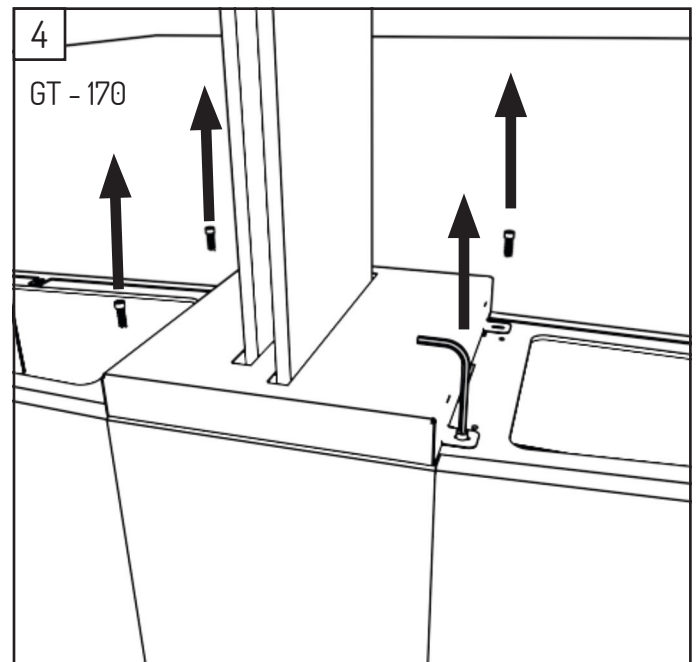
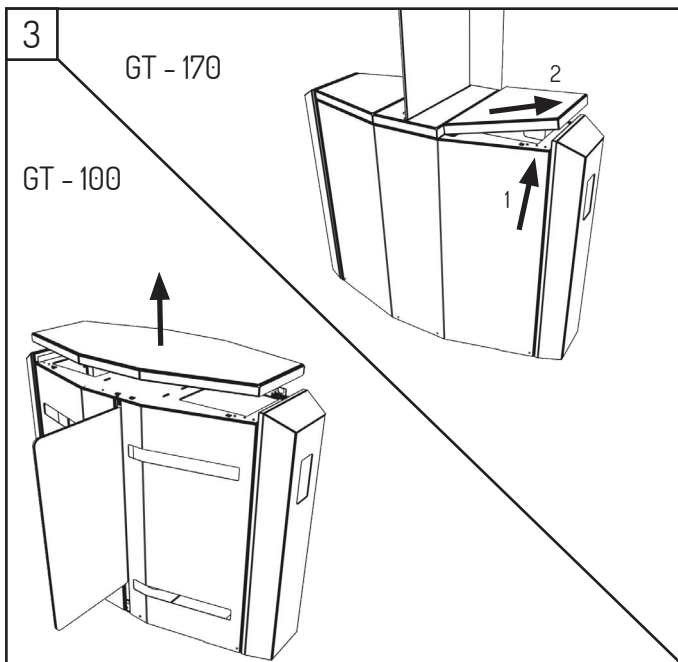
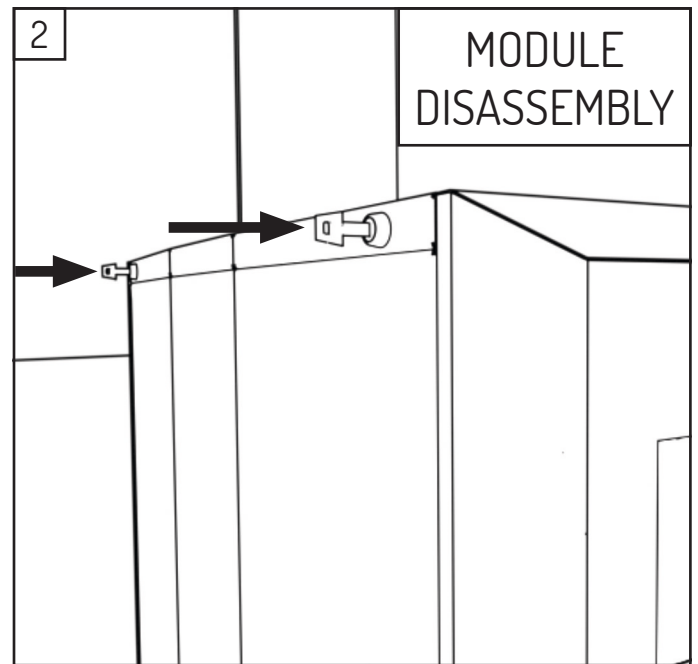
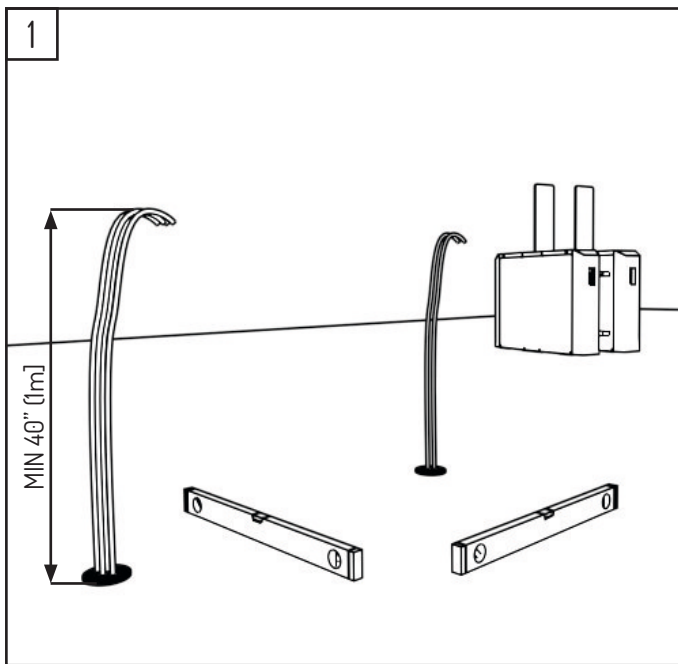
TRIPLE-PASSAGE ACCESS SYSTEM

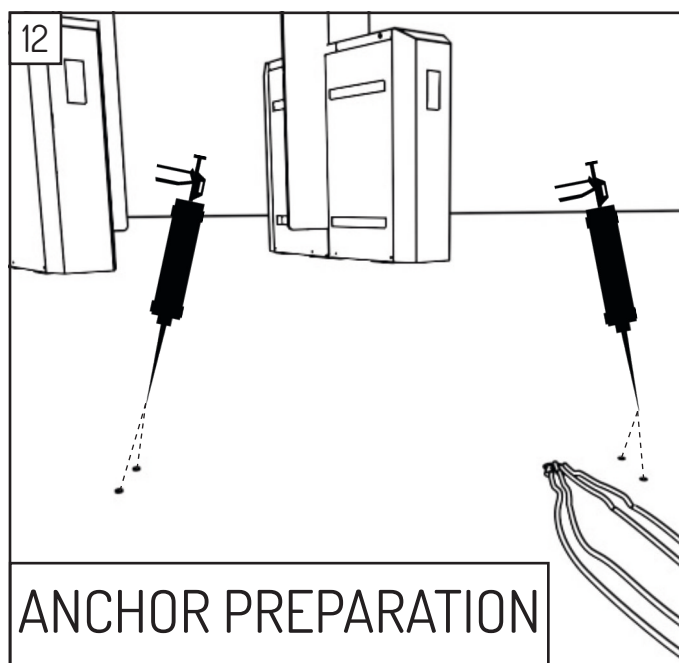
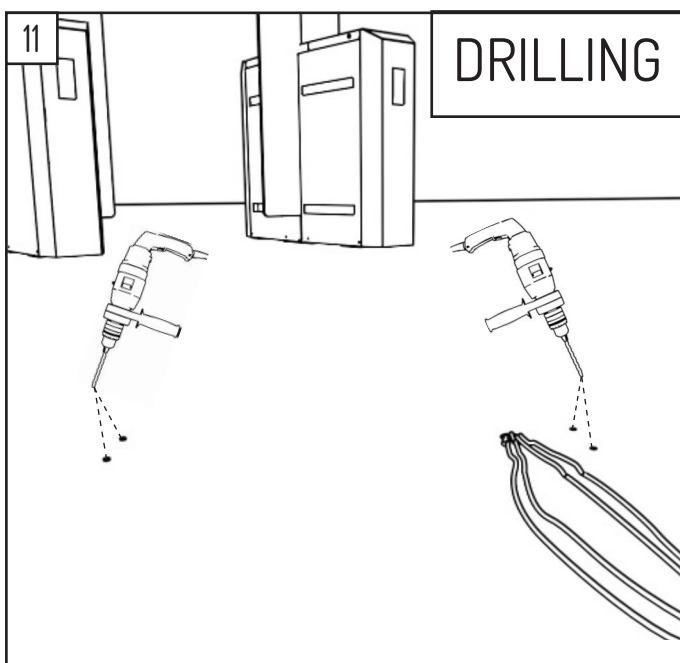
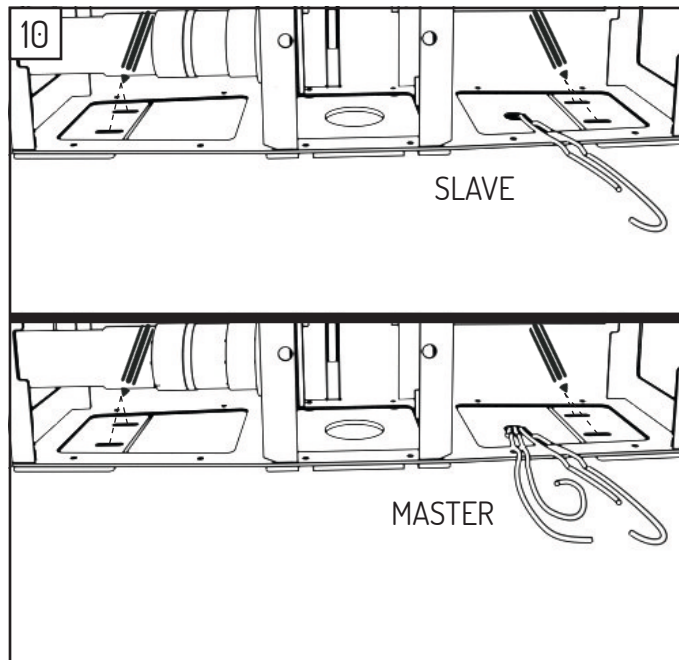
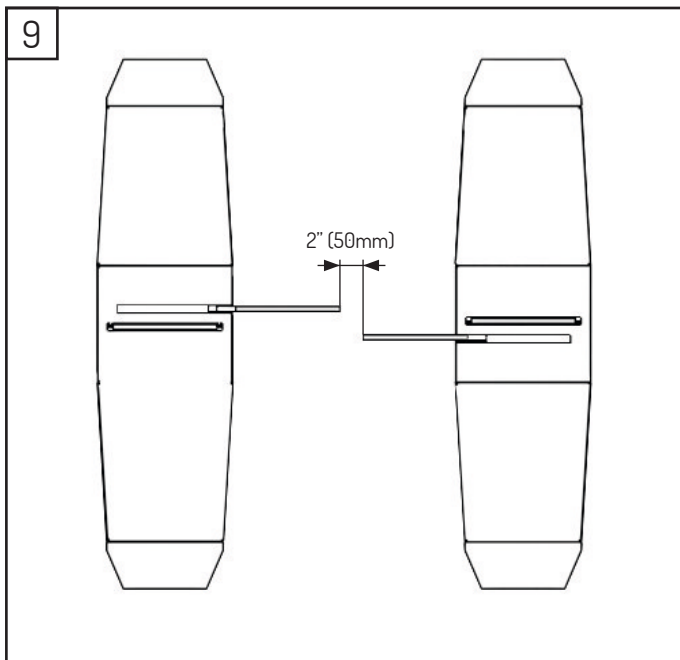
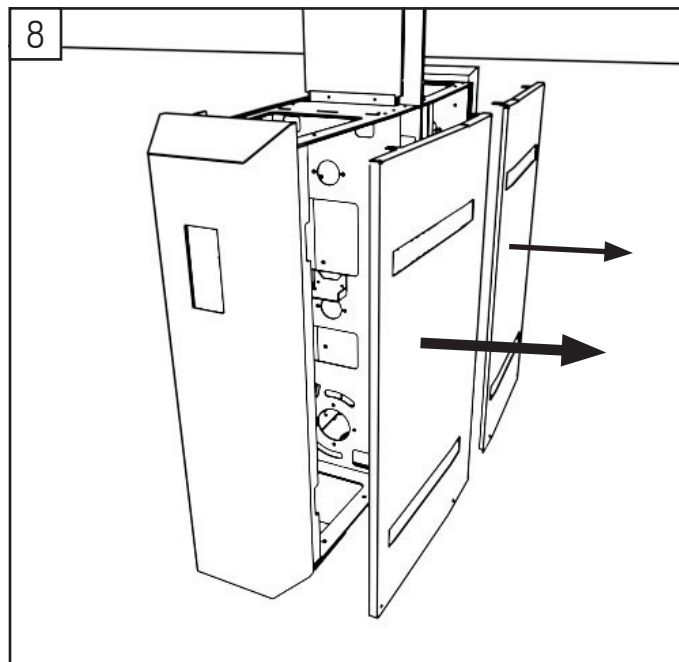
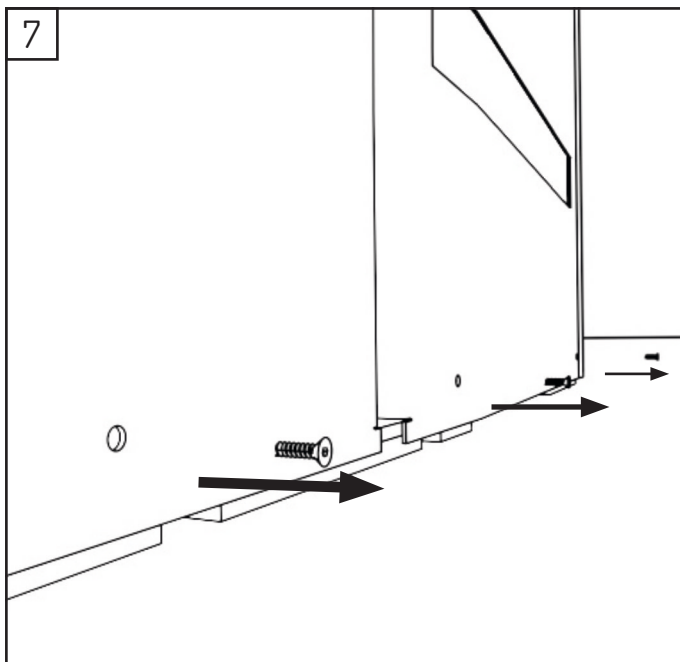


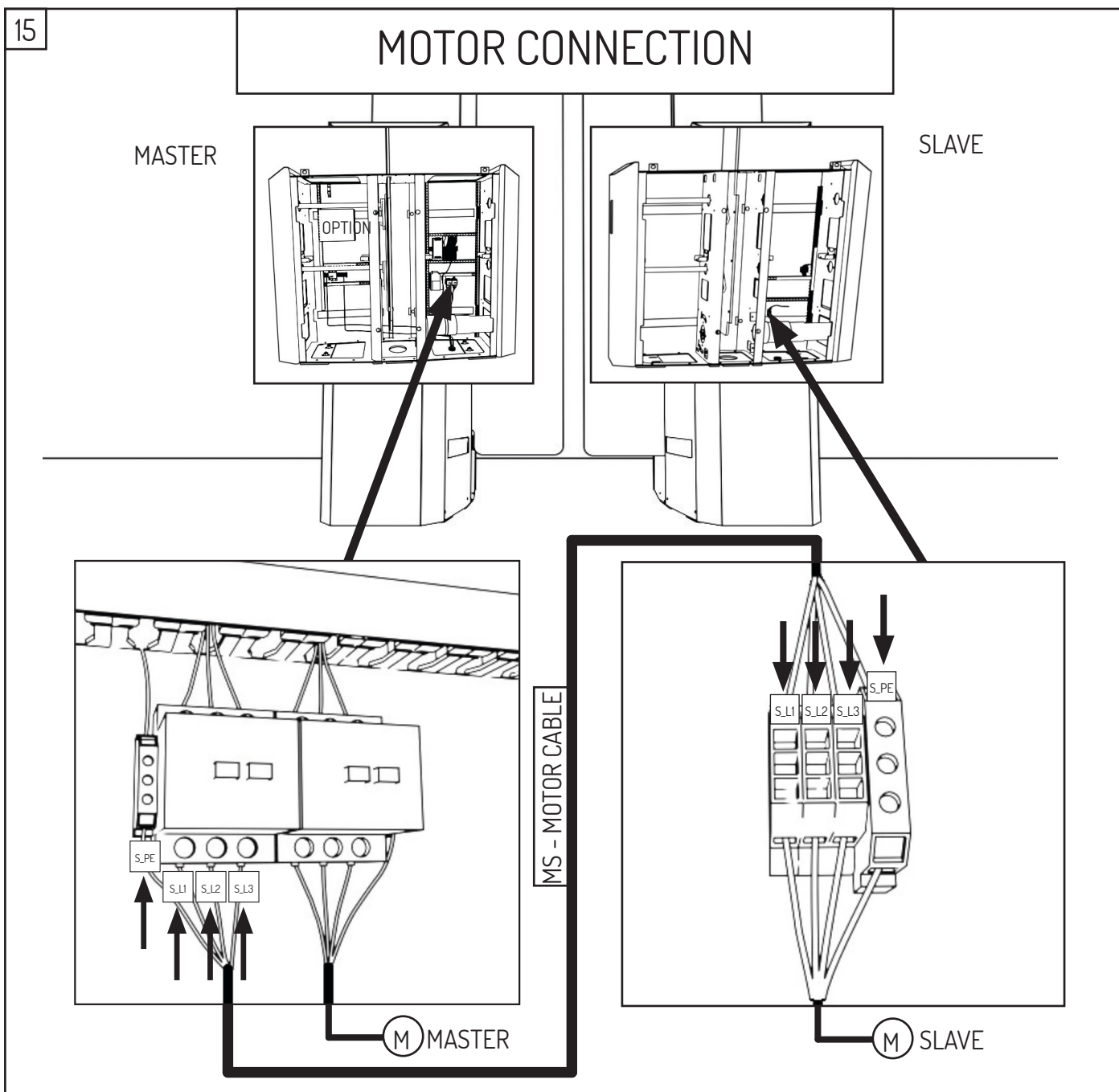
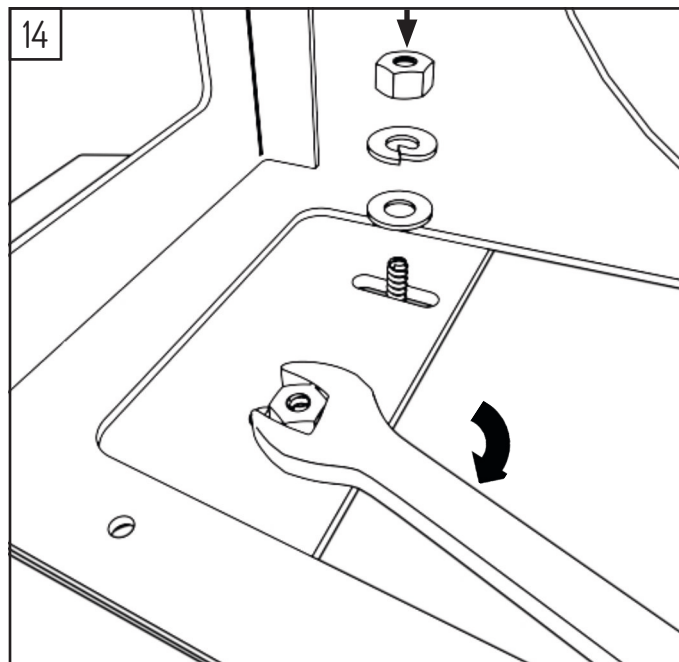
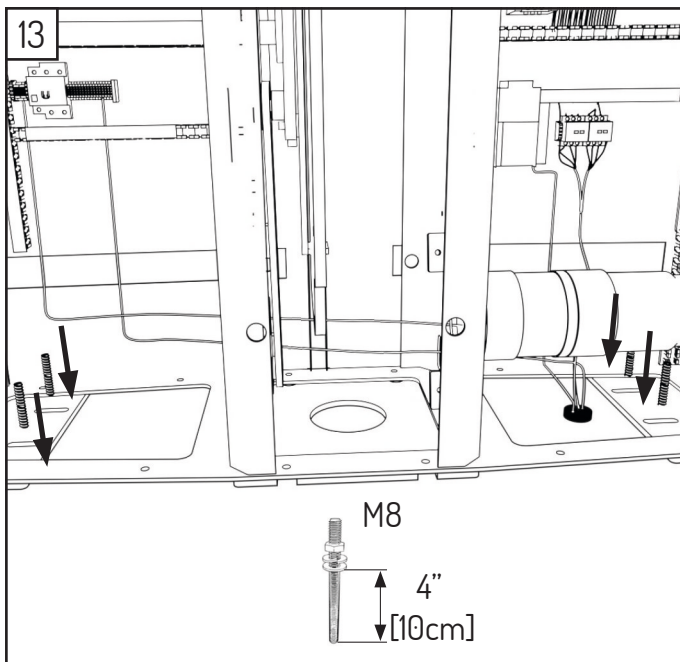
3 x 1,5 mm² - EU
 ----- (3x15 AWG) - US

———— STP 4 Cat.

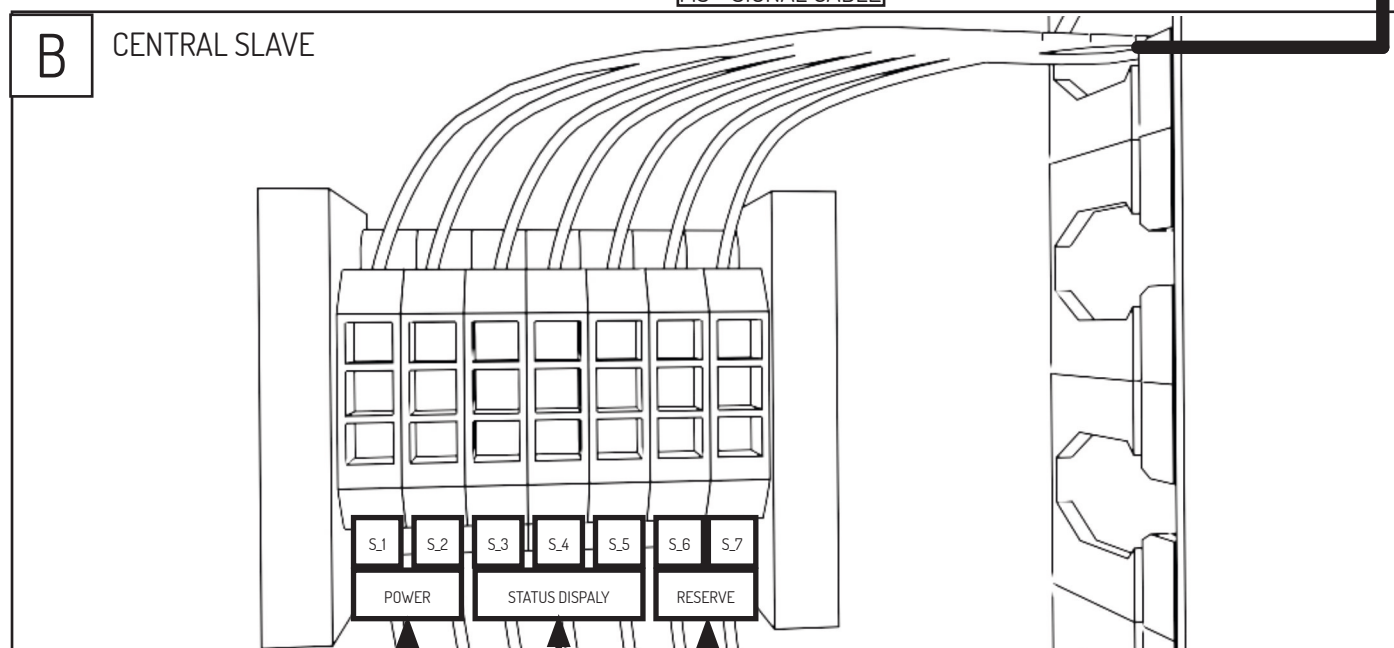
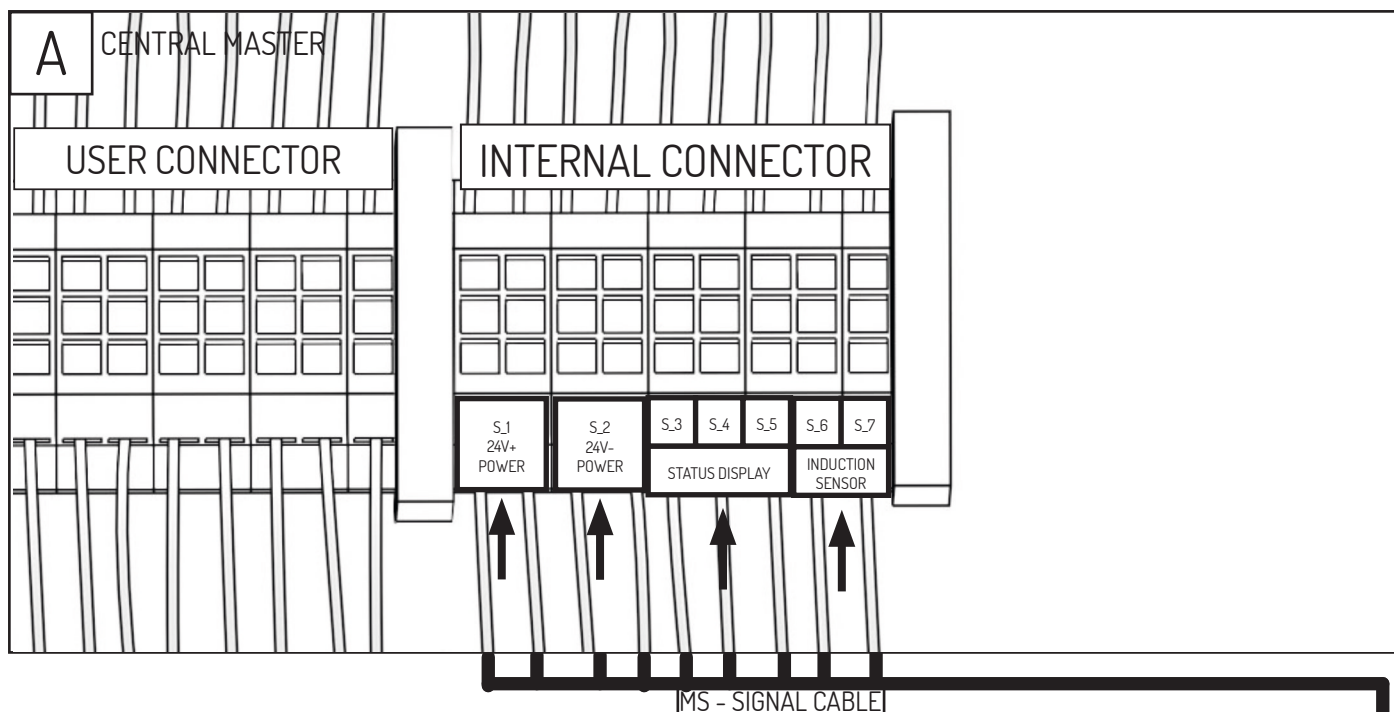
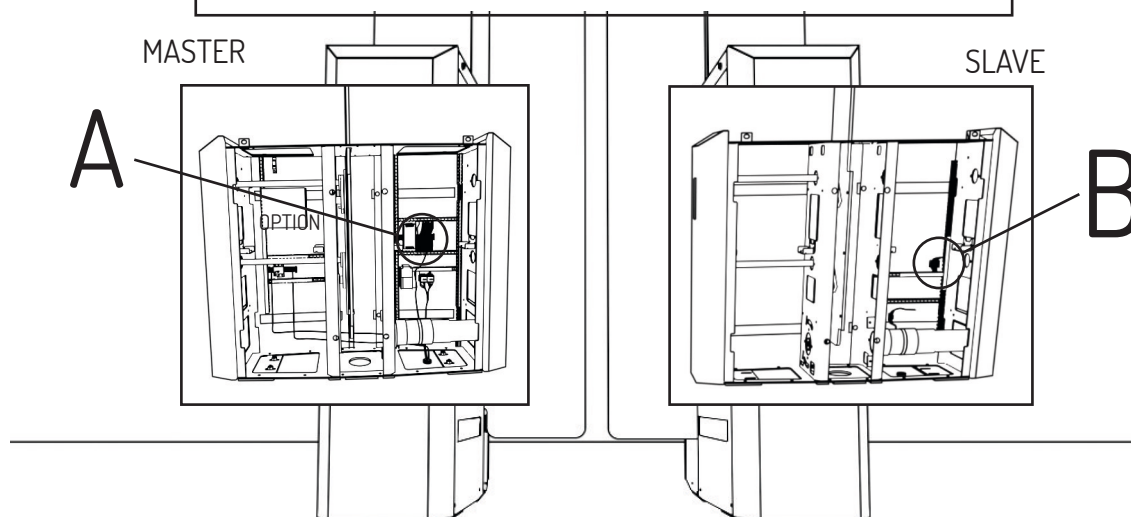
MS: MASTER SLAVE SIGNAL CABLE



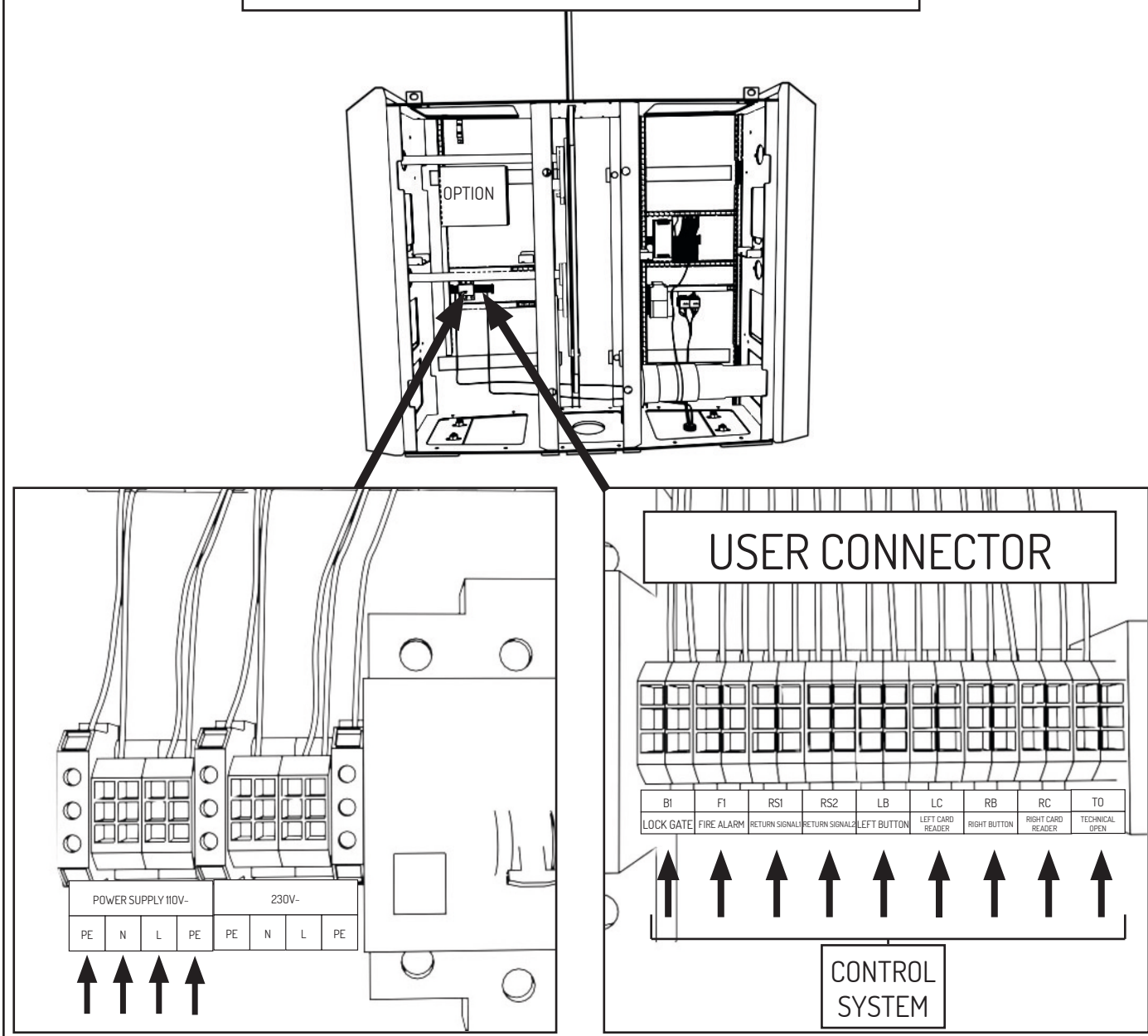




INTERNAL WIRING INSTALATION



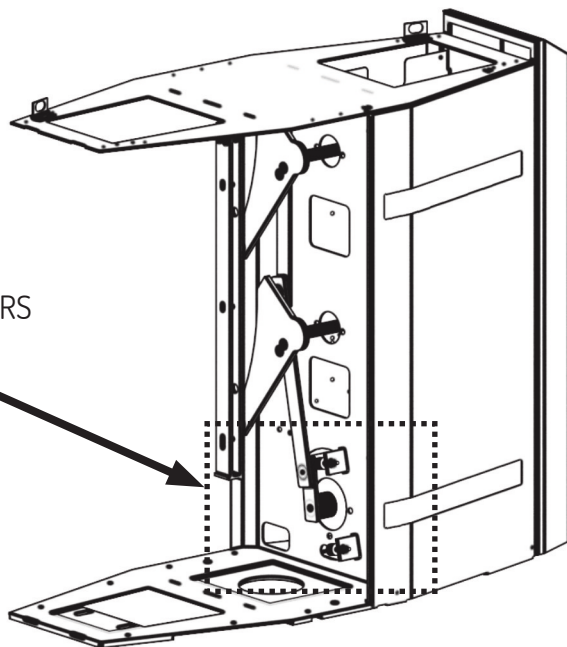
SYSTEM CONNECTION



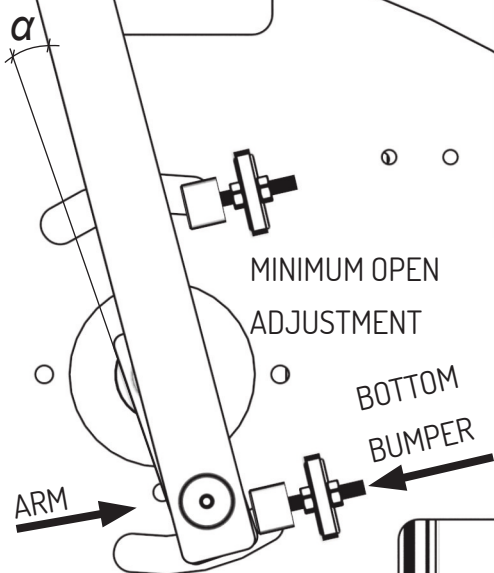
Symbol	Function	Description
BI	Lock gate	After short circuiting BI inputs the device automatically switches to locked state. Opening the circuit unlocks the blockade.
F1	Fire alarm	After short-circuiting F1 inputs in case of fire alarm, the device unlocks immediately allowing passage in both directions.
RS1	Return signal 1	Return signal 1 informs about a passage in left direction. State on the RS1 output depends on the configuration in control module's menu. Output voltage maximum value is 5V. Return signal output is an OC type output (open collector).
RS2	Return signal 2	Return signal 2 informs about a passage in left direction. State on the RS2 output depends on the configuration in control module's menu. Output voltage maximum value is 5V. Return signal output is an OC type output (open collector).
LB	Left button	Button signal for unlocking left passage direction. After short circuiting LB output the passage is unlocked.
LC	Left card reader	Card reader signal for unlocking left passage direction. After short circuiting LC output the passage is unlocked.
RB	Right button	Button signal for unlocking right passage direction. After short circuiting RB output the passage is unlocked.
RC	Right card reader	Card reader signal for unlocking right passage direction. After short circuiting RC output the passage is unlocked.
TO	Technical open	After short-circuiting TO inputs in any cases, the device unlocks immediately allowing pedestrian transition in both directions.

18

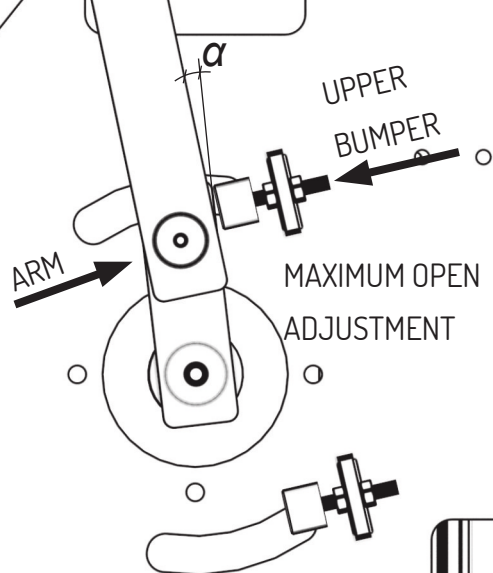
BUMPERS AND SENSORS
ADJUSTMENT



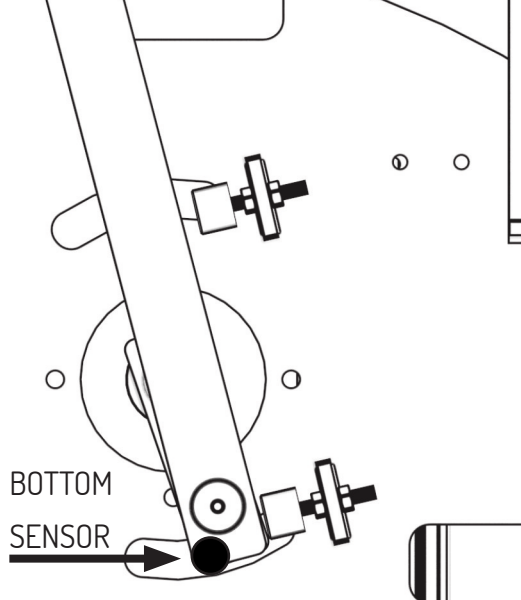
19



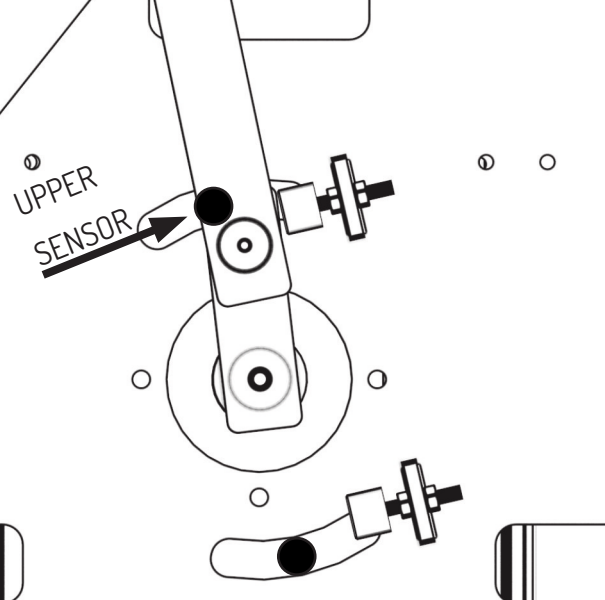
20



21

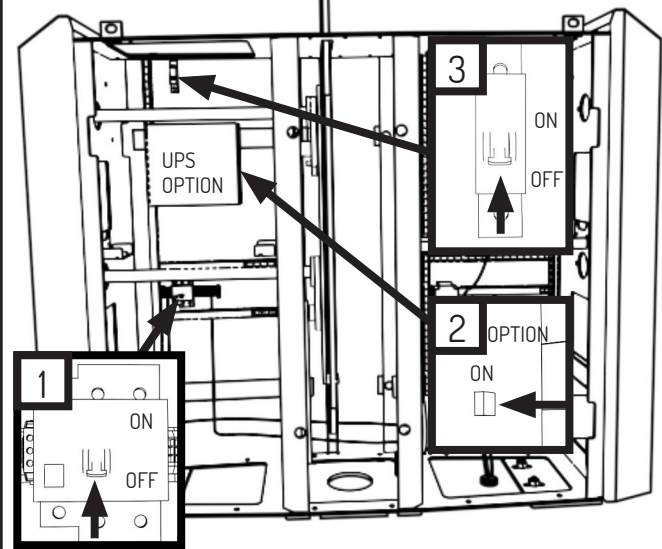


22



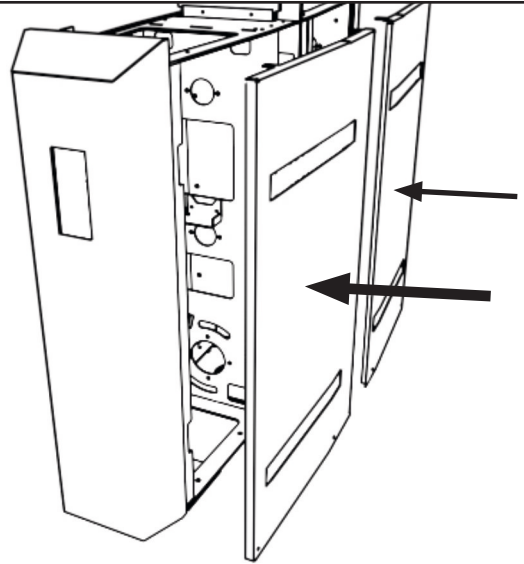
23

MODULE START-ON

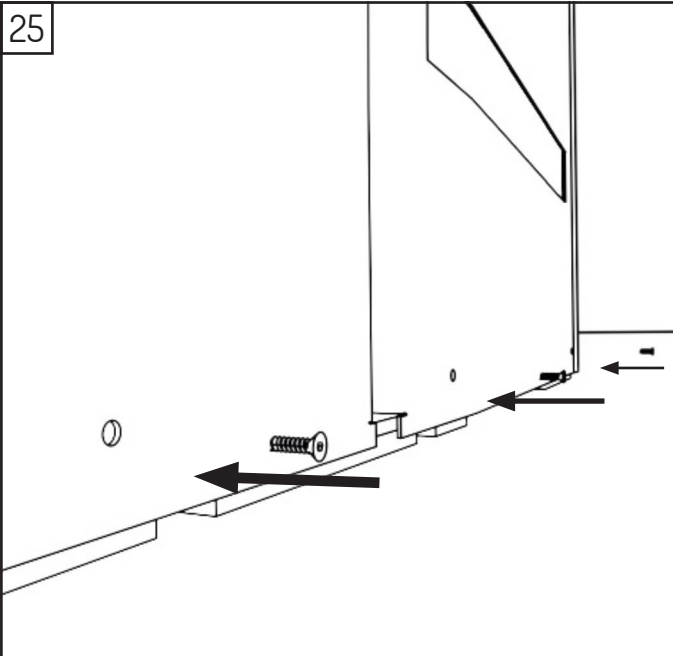


24

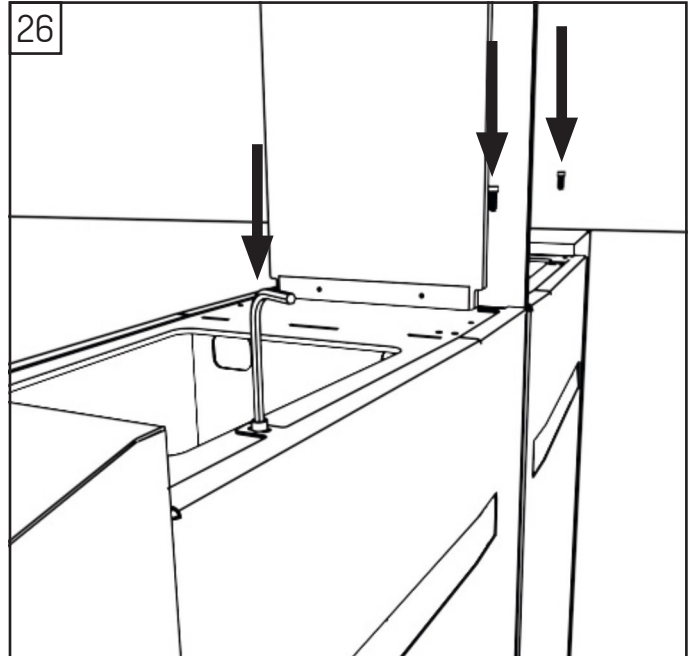
MODULE ASSEMBLY



25

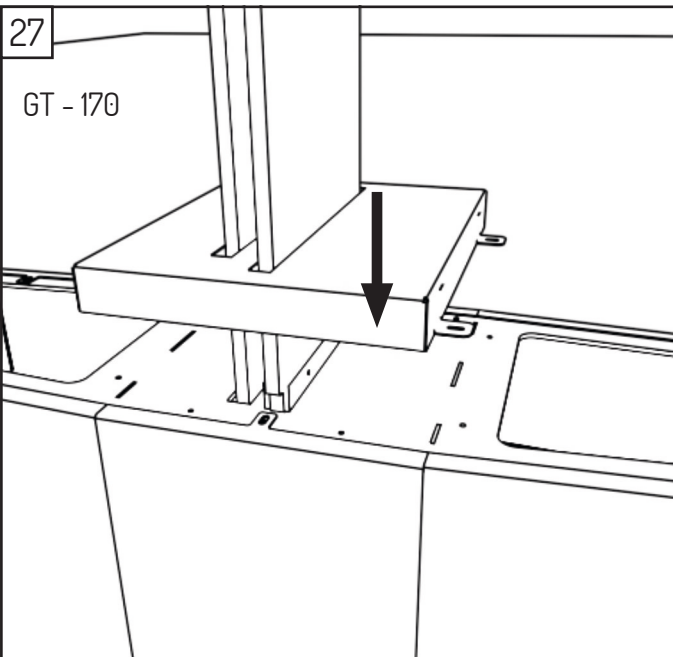


26



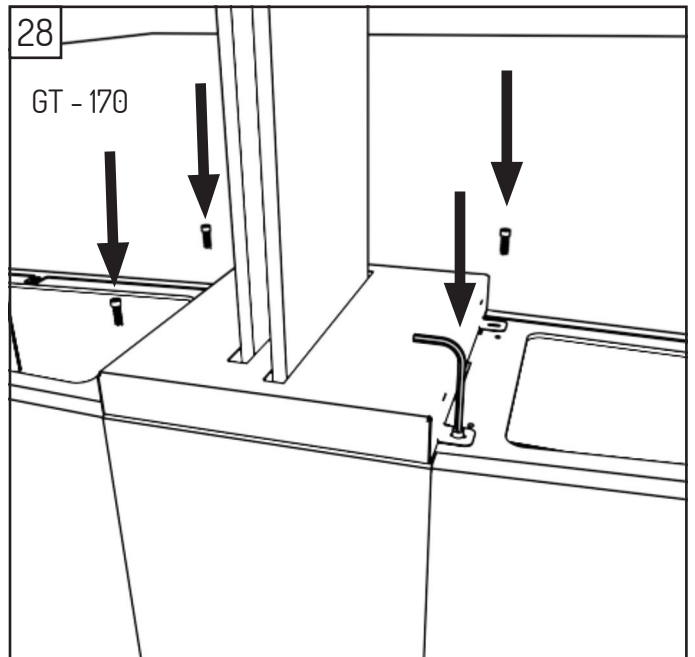
27

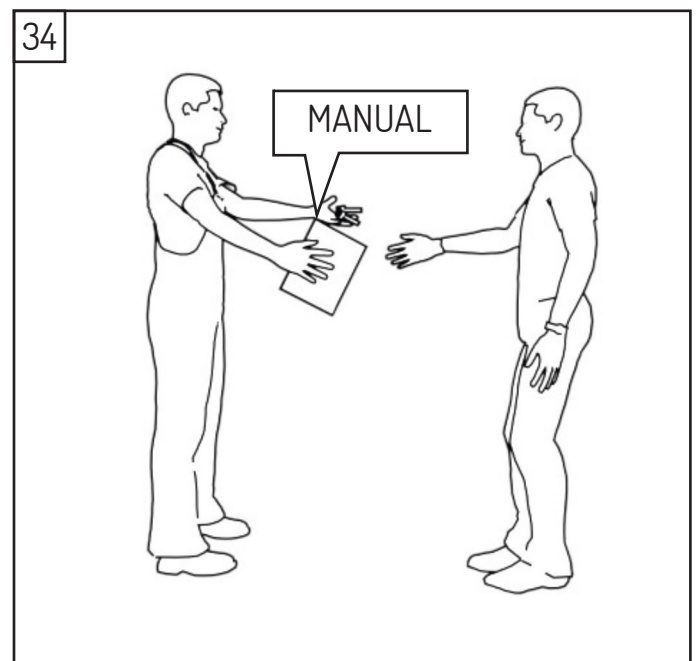
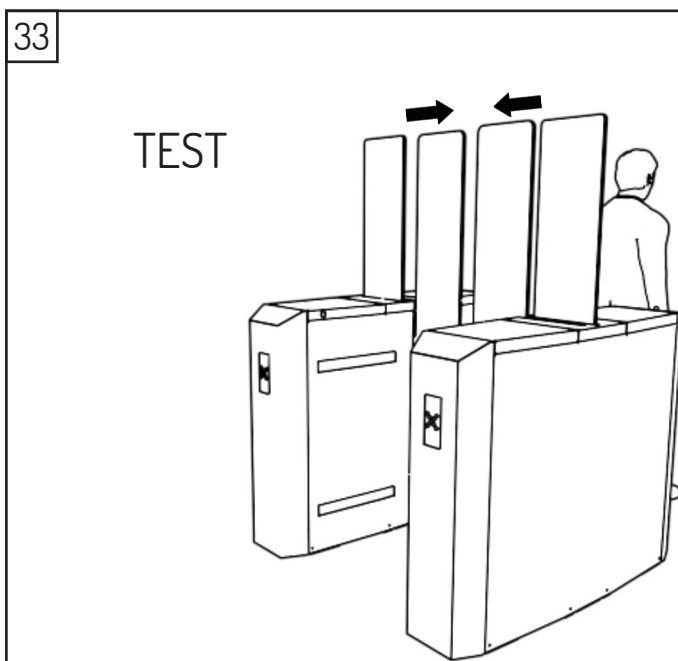
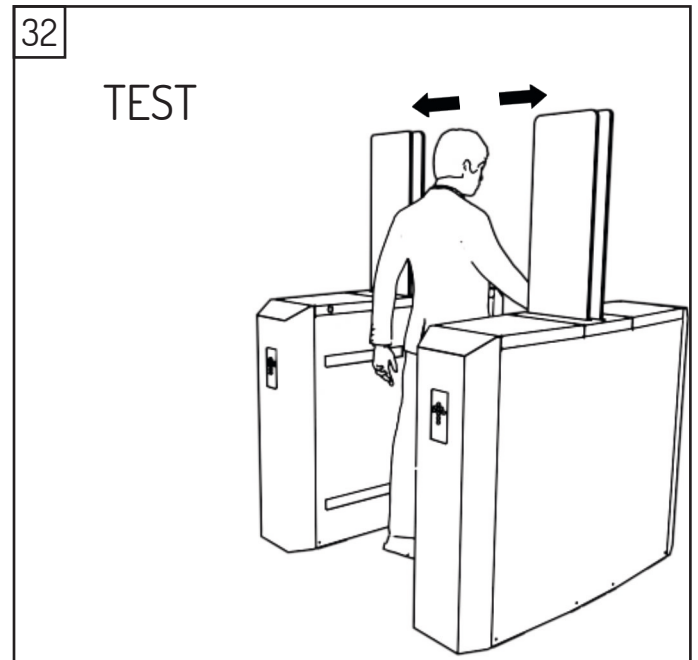
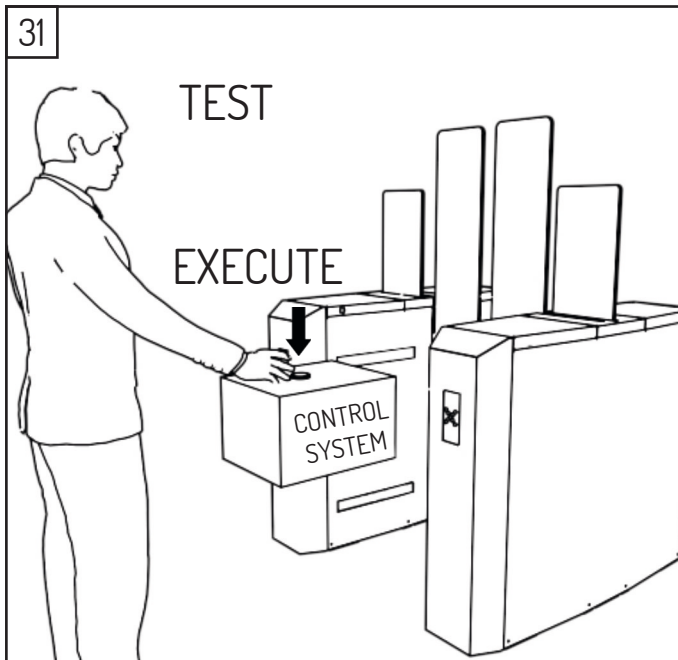
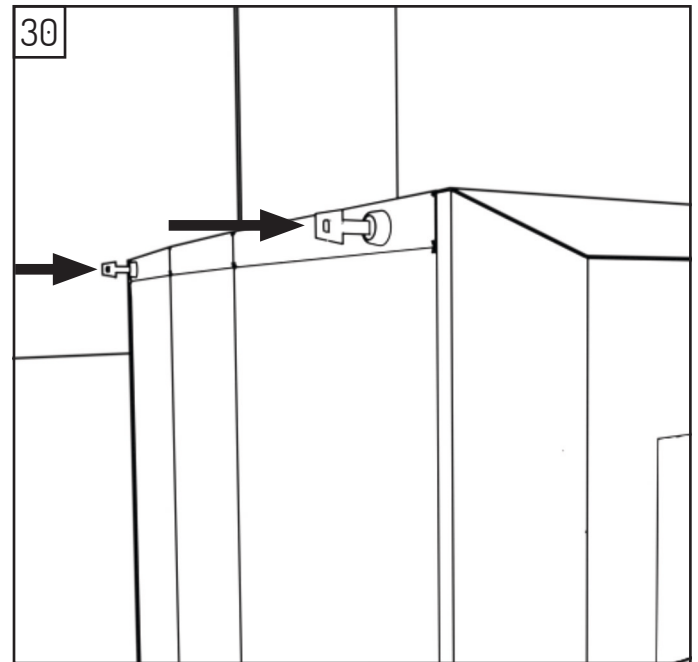
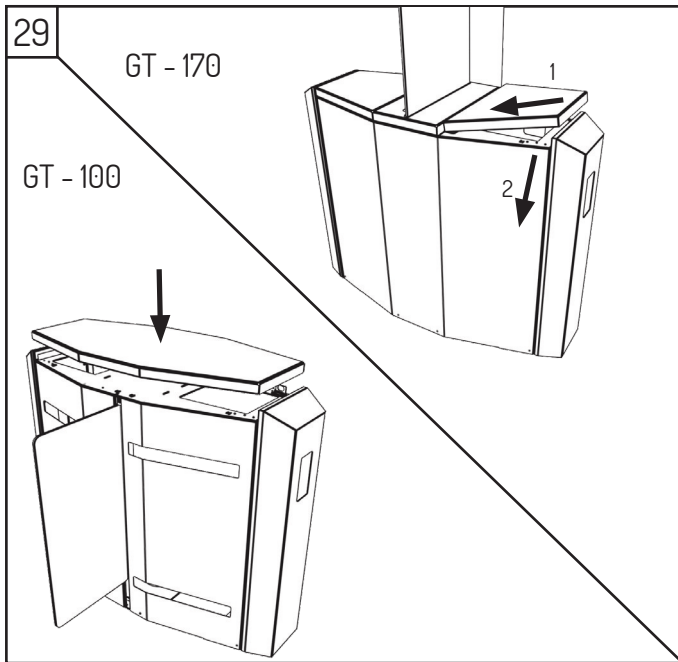
GT - 170



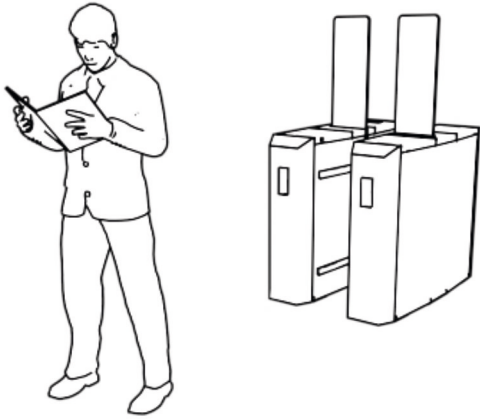
28

GT - 170

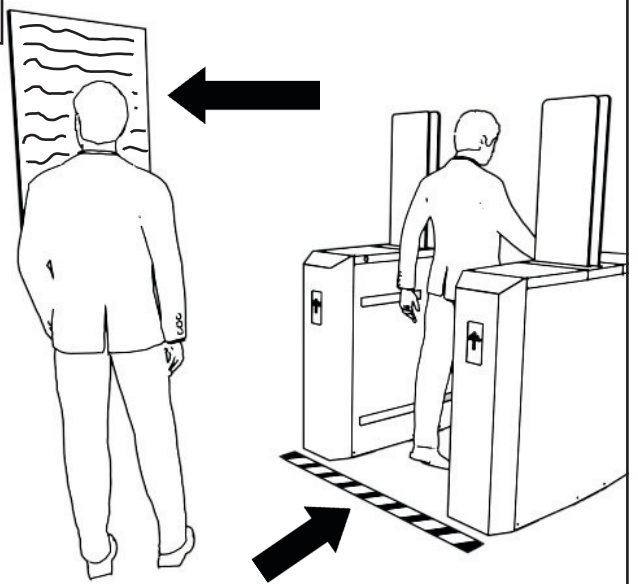




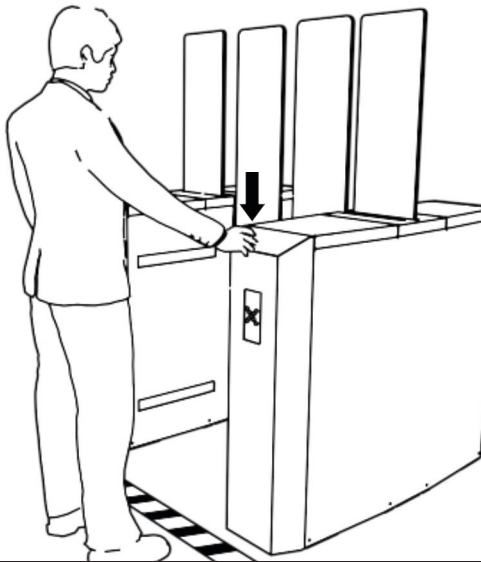
35



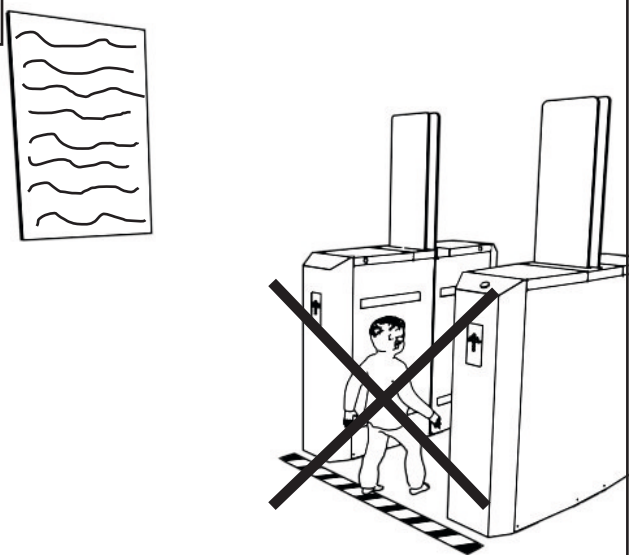
36



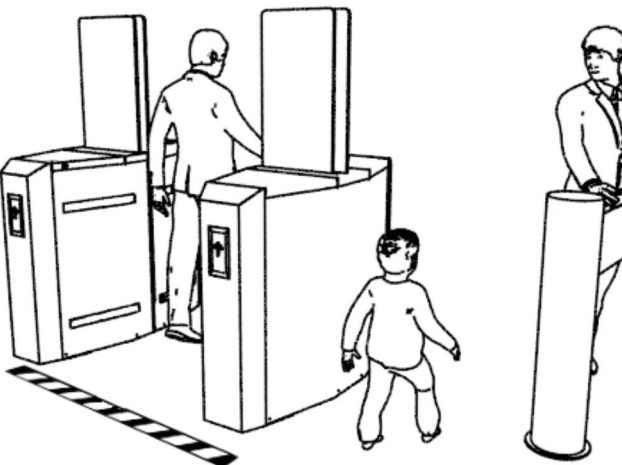
37



38



39



ENGLISH – DESCRIPTION OF DRAWINGS

Before assembly, read the complete technical and operational documentation of the device. This short installation guide serves exclusively for the illustration of some important steps in the installation process.

A. Basic tools and items needed to install the device*:

1. Knife to cut the device's packaging.
2. Marker for marking holes on the ground.
3. Allen key set.
4. Pliers for electrical installation.
5. Set of wrenches.
6. Flat-head screwdriver.
7. Electric drill.
8. Injection (chemical) anchors – 4 anchors for each device.
9. Cable ends (ferrules).
10. Measuring tape.
11. Glue gun.
12. Spirit level.
13. Vacuum cleaner.
14. Technical documentation.

*Tools and items listed in points 1 to 13 inclusive are not part of the device set.

* One person is required to assemble the device. Two people are needed to carry and move devices.

B. Types of GT devices.

C. Example configurations of device installations and suggested connection diagrams.

C1. Configuration for single-passage access system.

C2. Configuration for dual-passage access system.

C3. Configuration for triple-passage access system.

1. Checking the place of installation. The cabling leading out of the installation should have a length of at least 1 meter, measured from the ground. The substrate should be leveled.
2. Opening the cover locks.
3. Removing the covers of the device with high and low glasses.
4. Unscrewing screws securing the central cover of the device with high glasses.
5. Removing the central cover of the device with high glasses.
6. Unscrewing the upper assembly screws of the side masks.
7. Unscrewing the bottom mounting screws of the side masks.
8. Disassembly of side masks.
9. Recommended distance between the arms.
10. Marking the fixing points on the ground to drill the holes.
11. Drilling holes in the ground in designated places.
12. Introduction of glue to the holes.
13. Inserting anchors into holes filled with glue in accordance with the glue manufacturer's instructions. After introducing the glue into the holes, wait for the amount of time specified by the glue manufacturer.
14. Tightening the anchors with nuts (a spring washer and a plain washer should be placed under the nut).
15. Connection of the motor wire of the slave side to the master module.
16. Connection of signals from the master module to the slave module.
17. Connection of power supply and external control signals (e.g. buttons, readers) to the master module.
18. Procedure for setting bumpers and inductive sensors. Location.
19. Setting the bottom bumper. The cable should slightly exceed the lower peak position – parallel cables.
20. Setting the upper bumper. The cable should slightly exceed the upper peak position – parallel cables.
21. Setting the lower inductive sensor in relation to the extreme position of the tie cable.
22. Setting the upper inductive sensor in relation to the extreme position of the tie cable.
23. Switching on residual current devices in the sequence as in the drawing.
24. Assembly of side masks.
25. Screwing the bottom mounting screws of the side masks.
26. Screwing the upper assembly screws of the side masks.
27. Installation of the central cover of the device with high glasses.
28. Screwing screws securing the central cover of the device with high glasses.
29. Installation of the covers of the device with high and low glasses.
30. Closing the cover locks.
31. Execution of a test passage to check the correct functioning of the module.

32. Execution of a test passage to check the correct functioning of the module.
33. Execution of a test passage to check the correct functioning of the module.
34. Provision of technical and operational documentation to the operator / owner of the device.
35. Getting acquainted with the technical and operational documentation by the operator supervising the work.
36. Marking the passage zone: user manual is available for people using devices (device operators), separating the passage zone (device sensor range zone). Authorization to enter the passage zone is given to person who has been positively verified by the access control system (after positive verification, the device receives a signal to open the passage).
37. Readers, buttons or other pass-through authorization devices for users should be placed in such a way that they allow the user using them during authorization to be outside the passage zone of the module (device sensor range zone).
38. Persons (e.g. children with a height smaller than the level of sensor detection) can use the transition section only when the operator switches off the wings.
39. For children and persons with a height below the level of sensor detection, additional passages are applied.



EU: GASTOPGROUP.COM
USA: GASTOP.US