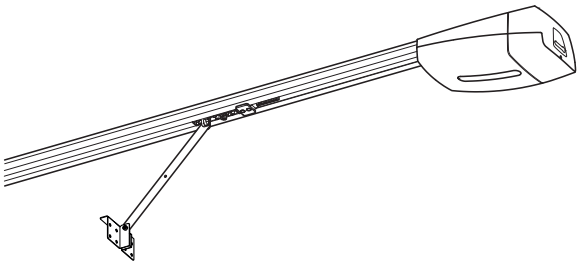
CAME

CAME.COM

FA02221-EN

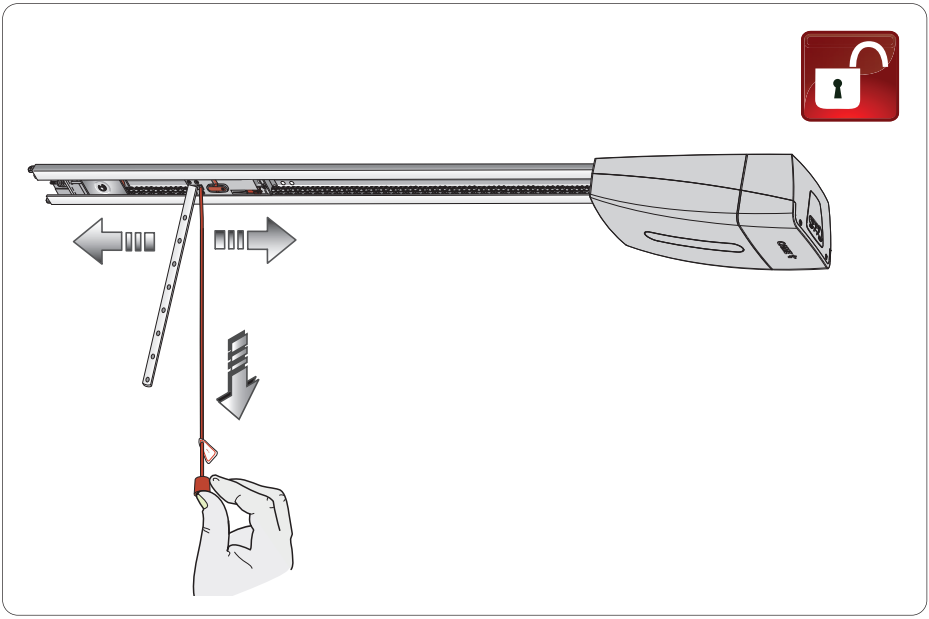
Garage door operator
Series VER

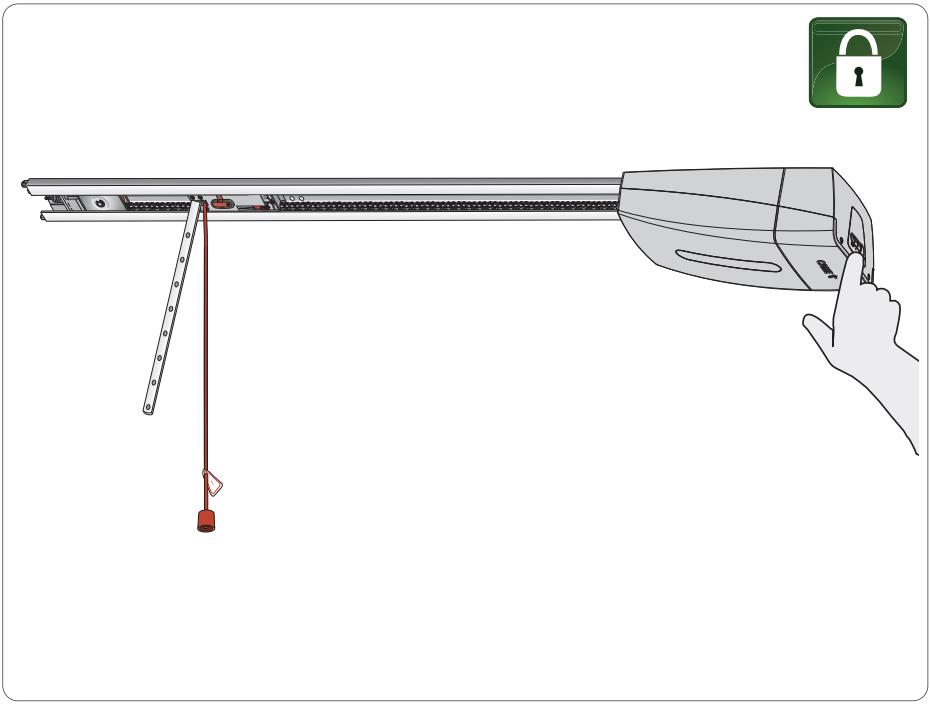


VER06DES-VER08DES

INSTALLATION MANUAL

EN English





GENERAL PRECAUTIONS FOR INSTALLERS

⚠ CAUTION! Important safety instructions.
Follow all of these instructions. Improper installation can cause serious bodily harm.
Before continuing, also read the general precautions for users.

Only use this product for its intended purpose. Any other use is hazardous. • The manufacturer cannot be held liable for any damage caused by improper, unreasonable or erroneous use. • This product is defined by the Machinery Directive (2006/42/EC) as partly completed machinery. • Partly completed machinery means an assembly which is almost machinery but which cannot in itself perform a specific application. • Partly completed machinery is only intended to be incorporated into or assembled with other machinery or other partly completed machinery or equipment thereby forming machinery to which the Machinery Directive (2006/42/EC) applies. • The final installation must comply with the Machinery Directive (2006/42/EC) and the European reference standards in force. • The manufacturer declines any liability for using non-original products, which would also void the warranty. • All operations indicated in this manual must be carried out exclusively by skilled and qualified personnel and in full compliance with the regulations in force. • The device must be installed, wired, connected and tested according to good professional practice, in compliance with the standards and laws in force. • Make sure the mains power supply is disconnected during all installation procedures. • Check that the temperature ranges given are suitable for the installation site. • Do not install the operator on surfaces that could yield and bend. If necessary, add suitable reinforcements to the anchoring points. • Make sure you have set up a suitable dual-pole cut-off device along the power supply that is compliant with the installation rules. It should completely cut off the power supply according to category III surcharge conditions. • Demarcate the entire site properly to prevent unauthorised personnel from entering, especially minors. • In case of manual handling, have one person for every 20 kg that needs hoisting; for non-manual handling, use proper hoisting equipment in safe conditions. • Use suitable protection to prevent any mechanical hazards due to persons loitering within the operating range of the operator. • The electrical cables must pass through special pipes, ducts and cable glands in order to guarantee adequate protection against mechanical damage. • The electrical cables must not touch any parts that may overheat during use (such as the motor and transformer). • Before installation, check that the guided part is in good mechanical condition, and that it opens and closes correctly. • Remove all cords and chains and disable any equipment not required for automating the guided part such as locks. • The product cannot be used to automate any guided part that includes a pedestrian gate, unless it can only be enabled when the pedestrian gate is

secured. • The operator must not be used with guided parts that have openings exceeding 50 mm in diameter, or that have protruding edges/parts someone could grab or stand on. • Make sure that nobody can become trapped between the guided and fixed parts, when the guided part is set in motion. • All fixed controls must be clearly visible after installation, in a position that allows the guided part to be directly visible, but far away from moving parts. All fixed controls must be installed at least 1.5 m above the floor. • Where operated with a hold-to-run control, install a STOP button to disconnect the main power supply to the operator, to block movement of the guided part. • Install the manual release device below 1.8 m. If the manual release device is removable, store it somewhere near the operator. • If not already present, apply a permanent tag that describes how to use the manual release mechanism close to it. • Make sure that the operator has been properly adjusted and that the safety and protection devices and the manual release are working properly. Check that the operator inverts the motion when the guided part comes into contact with an object 50 mm tall positioned on the pavement. • Following installation, ensure that the guided part does not extend onto any public footpaths or roads. • Before handing over to the final user, check that the system complies with the harmonised standards and the essential requirements of the Machinery Directive (2006/42/EC). • Permanently affix the risk of entrapment labels somewhere visible or near any of the fixed controls. • Any residual risks must be indicated clearly with proper signage affixed in visible areas, and explained to end users. • Put the machine's ID plate in a visible place when the installation is complete. • If the power supply cable is damaged, it must be immediately replaced by the manufacturer or by an authorised technical assistance centre, or in any case, by qualified staff, to prevent any risk. • Keep this manual inside the technical folder along with the manuals of all the other devices used for your automation system. • Make sure to hand over to the end user all the operating manuals of the products that make up the final machinery. • The product, in its original packaging supplied by the manufacturer must only be transported in a closed environment (railway carriage, containers, closed vehicles). • If the product malfunctions, stop using it and contact customer services at serviceinternational@came.com or via the telephone number on the website.

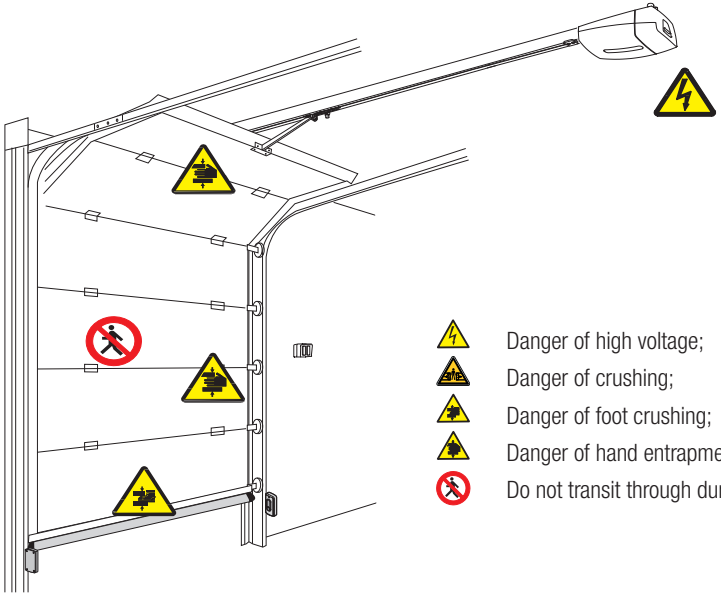
📖 The manufacture date is provided in the production batch printed on the product label. If necessary, contact us at https://www.came.com/global/en/contact-us.

📖 The general conditions of sale are given in the official CAME price lists.

Permanently affix the following warning label on the guided part at a height of at least 60 mm with the message “WARNING, AUTOMATIC GARAGE DOOR”:

Power supply cable replacement (Y connection)

🕮 If the power supply cable is damaged, it must be replaced by the manufacturer or authorized technical assistance service, or in any case, by similarly qualified persons, to prevent any risk



- Danger of high voltage;
- Danger of crushing;
- Danger of foot crushing;
- Danger of hand entrapment;
- Do not transit through during maneuvering.

KEY

🕮 This symbol shows which parts to read carefully.
⚠ This symbol shows which parts describe safety issues.
☞ This symbol shows which parts to tell users about.

The measurements, unless otherwise stated, are in millimeters.

DESCRIPTION

Operator featuring a control panel with encoder for sectional and overhead garage doors.

Intended use

The VER06DES / VER08DES operators are designed to power overhead garage and sectional doors for homes and apartment blocks.

🕮 Do not install of use this device in any way, except as specified in this manual.

Limits to use

Type	VER06DES	VER08DES
Door's max. surface area (m^2)	9 series	12 series
Counter-weighted overhead door's max. weight (m)	2.40 series	
Maximum height of spring-balanced overhead doors (m)	3.25 series	
Maximum height of sectional doors (m)	3.20 series	

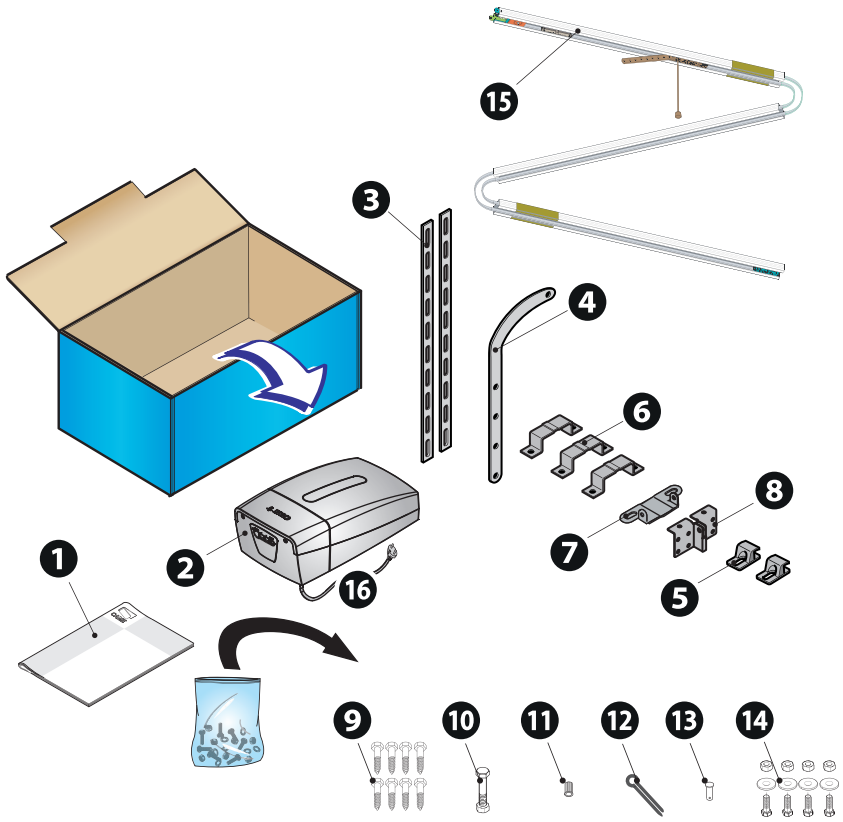
Technical data

Type	VER06DES	VER08DES
Protection rating (IP)	20 series	
Power supply (V - 50/60 Hz)	230 AC	
Motor power supply (V)	24 DC	
Standby consumption with F60=OFF (W)	4,5	6,5
Standby consumption with F60=ON (W)***	< 0,5	< 0,5
Stand-by consumption (W)	4.5 series	6.5 series
Maximum power of the accessories (W)	20 series	
Maximum power (W)	90 series	150 series
Maneuvering speed (m/min)	6.5 series	8 series
Traction force (N)	600 series	800 series
Acoustic pressure LpA (dBA)	≤70	
Cycles/hour	10 series	
Operating temperature (°C)	-20 to +55	
Storage temperature (°C)*	-20 ÷ +70	
Average life (cycles)**	100.000	
Apparatus class	II	
Weight (kg)	4.9 series	5.1 series

(*) Before installing the product, keep it at room temperature where it has previously been stored or transported at a very high or very low temperature.
(**) The average product life is a purely indicative estimate. It applies to compliant usage, installation and maintenance conditions. It is also influenced by other factors, such as climatic and environmental conditions.
(***) If a warning message or similar shows on the display, standby consumption increases but remains below 0.8 W.

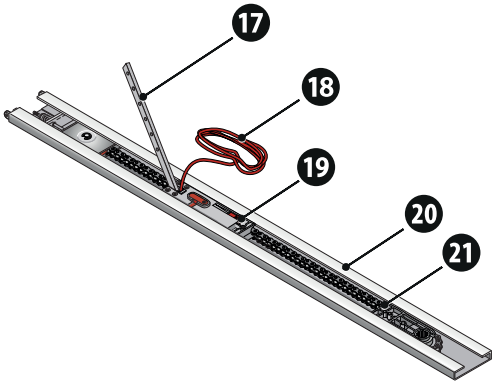
Packing list

1. one Operator
2. one Installation Manual
3. two anchoring perforated-plates.
4. one Curved lever
5. two support braces
6. three U-shaped braces
7. one guide-fitting brace
8. one door fitting brace
9. eight self-drilling hexagonal head M6x15 screws
10. one hexagonal M6x80 nut and bolt
11. one (ø8x25) drive-shaft adapter
12. one 3x20 linchpin
13. one Pin
14. four M8x20 hexagonal screws with washers and nuts
15. one Slide guide (only in kit with 3 pieces of guide 1 meter long)
16. Power supply cable



Pre-assembled guide package

⓱ Transmission arm
⓲ Release cord
⓳ Skid
⓴ Guide
㉑ Chain or belt



Slide guides

001**V06001**	Chain guide L = 3.02 m. Counter-balanced overhead doors up to 2.4 m in height - Counter-balanced overhead doors up to 2.25 m in height. - Sectional* doors up to 2.20 m in height.
001**V06002**	Chain guide L = 3.52 m. - Counter-balanced overhead doors up to 2.75 m in height. - Sectional* doors up to 2.70 m in height.
001**V06003**	Chain guide L = 4.02 m. - Spring-balanced overhead doors up to 3.25 m in height. - Sectional* doors up to 3.20 m in height.
001**V06005**	Belt guide L = 3.02 m. Counter-balanced overhead doors up to 2.4 m in height - Counter-balanced overhead doors up to 2.25 m in height. - Sectional* doors up to 2.20 m in height.
001**V06006**	Belt guide L = 3.52 m. - Counter-balanced overhead doors up to 2.75 m in height. - Sectional* doors up to 2.70 m in height.
001**V06007**	Belt guide L = 4.02 m. - Counter-balanced overhead doors up to 3.25 m in height. - Sectional* doors up to 3.20 m in height.

Optional accessories

001**V201**	Transmission arm for counter-balanced overhead doors.
001**V121**	Pull-cord release device to apply onto handle.

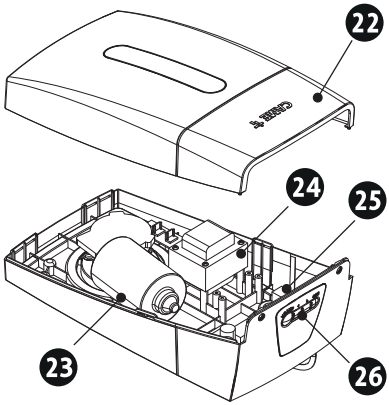
☞ For sectional doors, see the APPLICATION EXAMPLES paragraph

*Page **9** - Manual **FA02221-EN** - 09/2026 - © CAME S.p.A. - The contents of this manual may be changed, at any time, and without notice. - Translation of the original instructions*

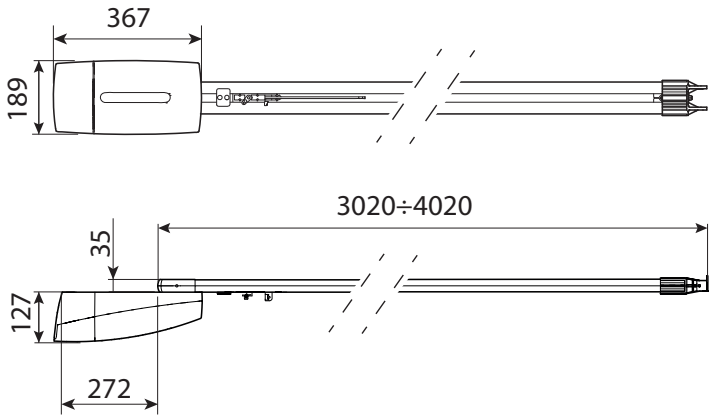
Description of parts

Operator

- 22 Cover
- 23 Gearmotor
- 24 Transformer
- 25 Electronic board
- 26 Operator configuration buttons



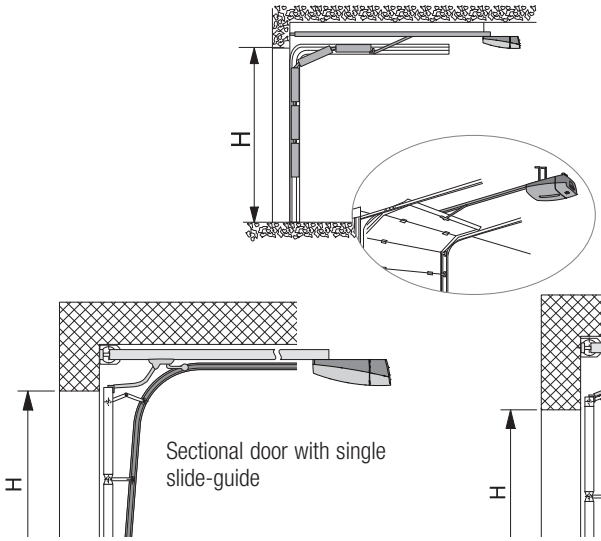
Dimensions



Application examples

Types and limits to use

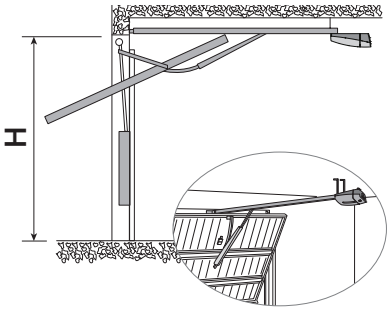
SECTIONAL DOOR



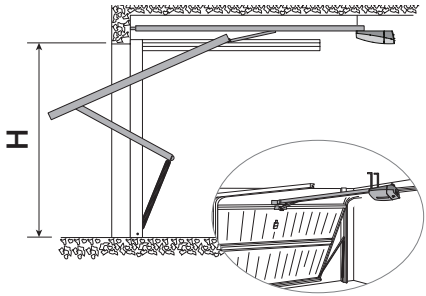
Sectional door with single slide-guide

Sectional door with double slide-guides

COUNTER-BALANCED OVERHEAD DOORS, PARTIALLY RETRACTING AND PROTRUDING

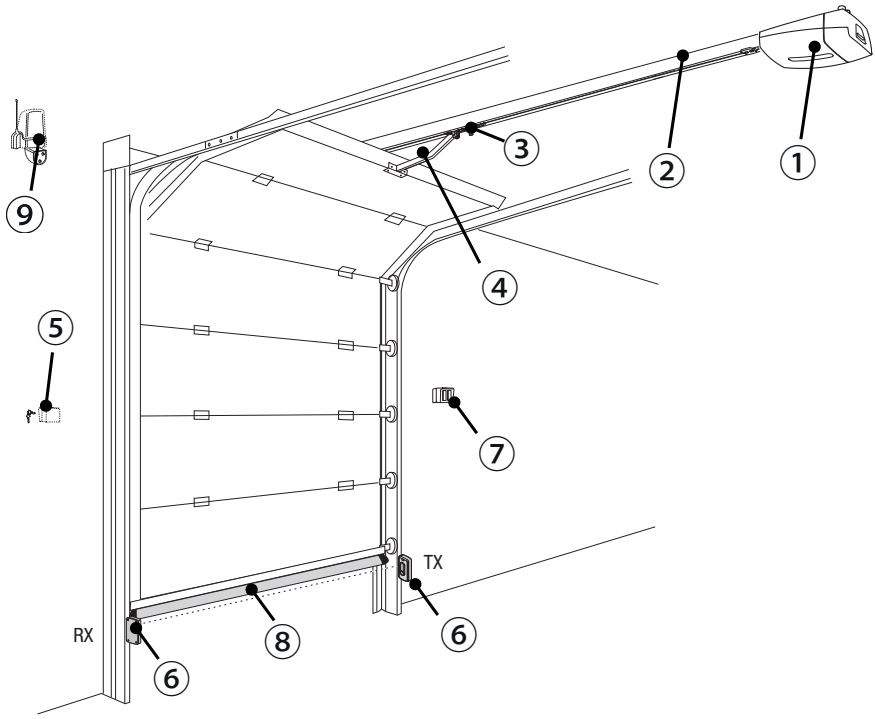


SPRING-BALANCED OVERHEAD DOOR, FULLY RETRACTING AND PROTRUDING



Standard installation

① Operator
② Guide
③ Release device
④ Transmission arm
⑤ Key-switch selector
⑥ Photocells
⑦ Control device
⑧ Sensitive safety-edge
⑨ Flashing light and antenna



GENERAL INSTALLATION INDICATIONS

⚠ The installation must be done by qualified expert technicians and in full compliance with applicable laws and regulations.

Cable type and minimum thicknesses

Connection	cable length	
	< 20 m	20 < 30 m
Control panel power supply 230 V AC	3G x 1.5 mm^2	3G x 2.5 mm^2
Flashing light	2 x 0.5 mm^2	
Command and control devices	2 x 0.5 mm^2	
TX Photocells	2 x 0.5 mm^2	
RX photocells	4 x 0.5 mm^2	

📖 When operating at 230 V and outdoors, use H05RN-F-type cables that are 60245 IEC57 (IEC) compliant; whereas indoors, use H05VV-F type cables that are 60227 IEC53 (IEC) compliant. For power supplies up to 48 V, you can use FROR 20-22 II-type cables that comply with EN 50267-2-1 (CEI).

📖 To connect the antenna, use the RG58 (we suggest up to 5 m).

📖 For combined connection and CRP, use a UTP CAT5-type cable (up to 1,000 m long).

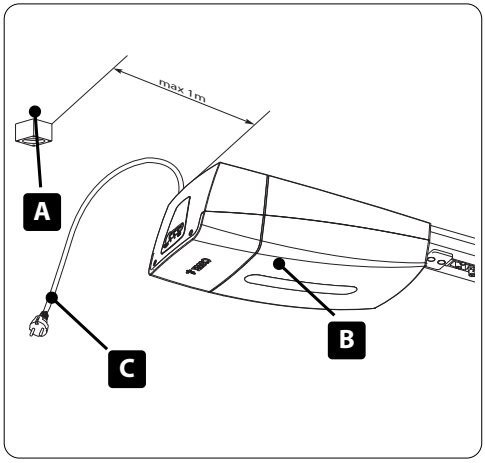
📖 If cable lengths differ from those specified in the table, establish the cable sections depending on the actual power draw of the connected devices and according to the provisions of regulation CEI EN 60204-1.

📖 For multiple, sequential loads along the same line, the dimensions on the table need to be recalculated according to the actual power draw and distances. For connecting products that are not contemplated in this manual, see the literature accompanying said products

Installation of the wall socket

⚠ The wall socket must be installed exclusively by a skilled electrician. Protect the wall socket with a fuse (16A delayed). Comply with current regulations (e.g. safety of electrical systems).

1. Install the wall socket **A** on the ceiling at a maximum distance of 1 m from the control unit box **B**.
2. Install and connect the wall socket power supply cable **C** to the power grid.

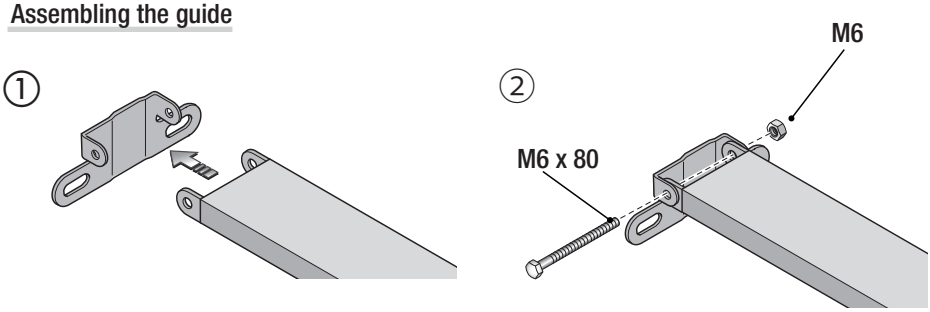


INSTALLING

⚠ The installation must be done by qualified expert technicians and in full compliance with applicable laws and regulations.

⚠ The following illustrations are mere examples in that the space for fastening the operator and accessories varies depending on the installation area. It is up to the fitter, therefore, to choose the most suitable solution.

Assembling the guide

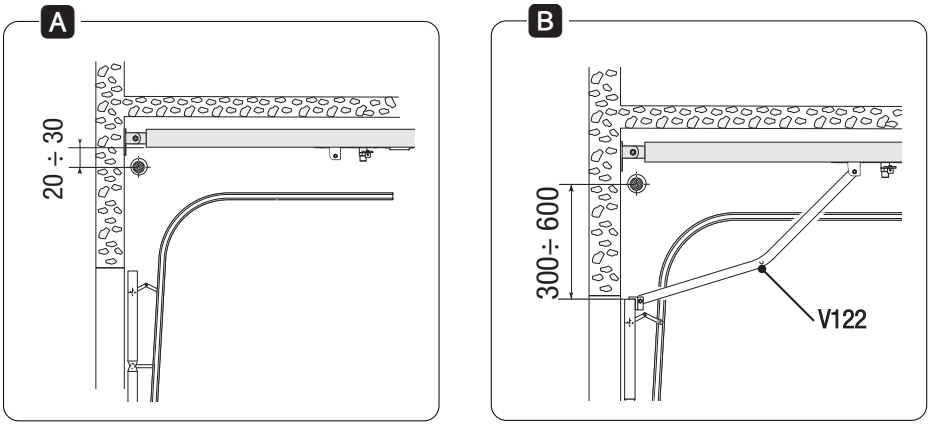


Positioning the traction guide

Sectional doors

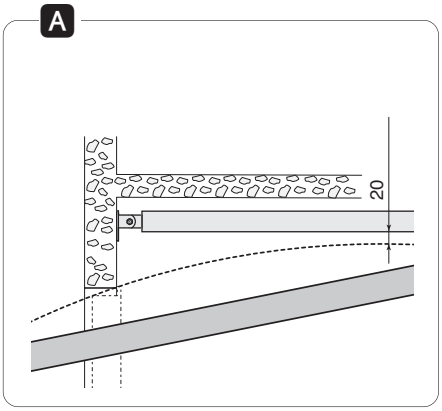
A For sectional doors exceeding the overall dimensions of the spring-pole brace.

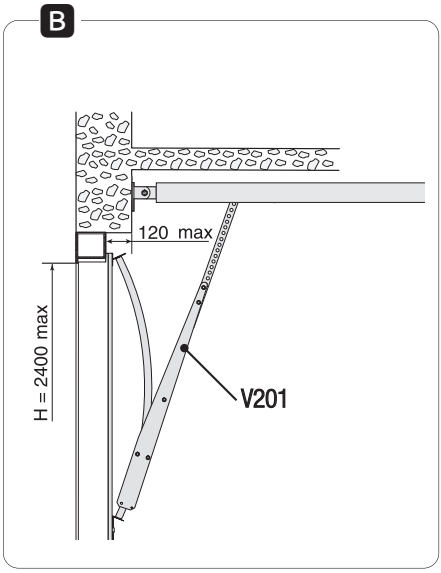
B If the distance between the spring-pole and the upper part of the door is between 300 and 600 mm, use the V122 transmission arm (optional accessory).



Overhead garage doors

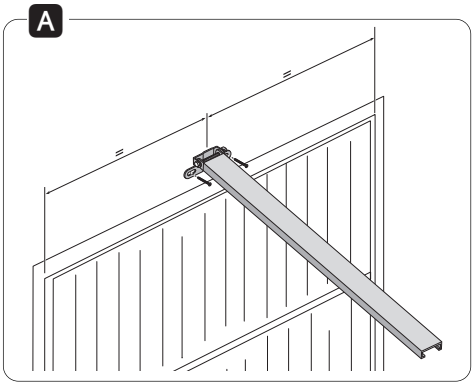
A For protruding overhead garage-doors, kepp the guide at 20 from the highest opening point.
B For protracting, partially retracting overhead doors, use the V201 transmission arm (optional accessory).

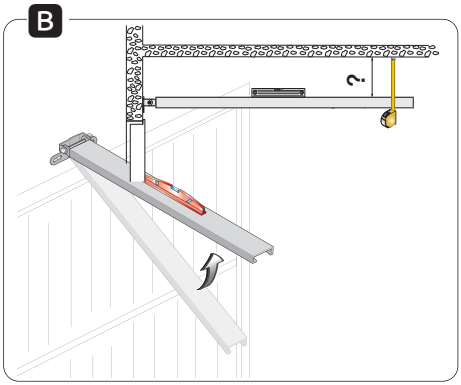




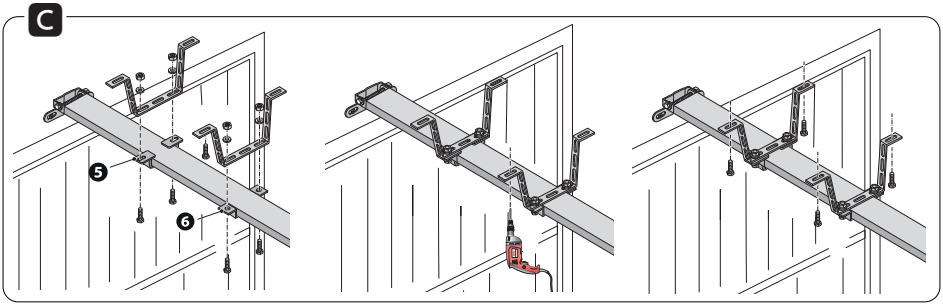
Fastening the traction guide

A Fasten the traction guide to the center of the doorway, using suitable screws.
B Raise the guide and position in horizontally to measure the distance to the ceiling, then fasten it.





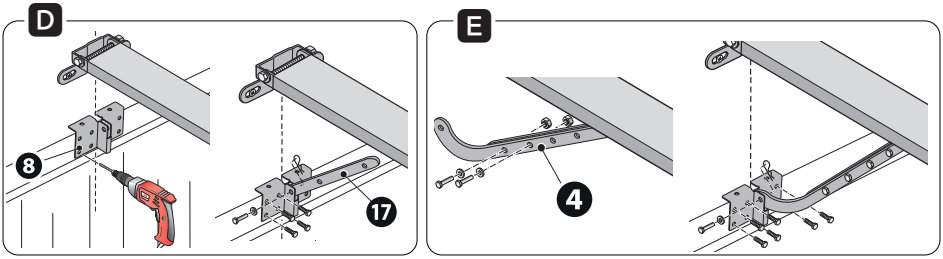
C Install the support braces 5 and the U brace 6 on the guide.
Bend the perforated flat tabs so they fit snugly and so as to compensate for the distance between the guide and ceiling.
Fasten the flat tabs to the support braces and to the U-shaped brace using the supplied screws and washers.
Drill the ceiling so the holes match those on the flat tabs.
Fasten the flat tabs to the ceiling using suitable dowels and screws.



Fitting the transmission arm to the door

D Fit the transmission arm brace 8 to the upper beam of the door, perpendicularly to the traction guide 17 and fasten it using the supplied screws or other suitable screws.

E If mounting the curved lever 4 fit it to the transmission arm by using the supplied nuts and bolts

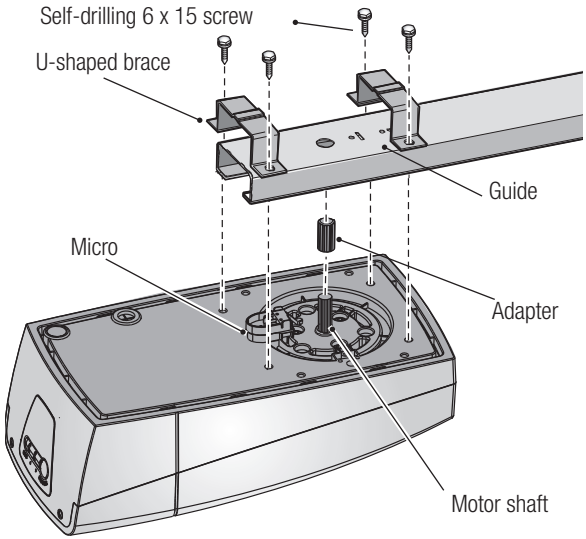


Fitting the operator to the guide

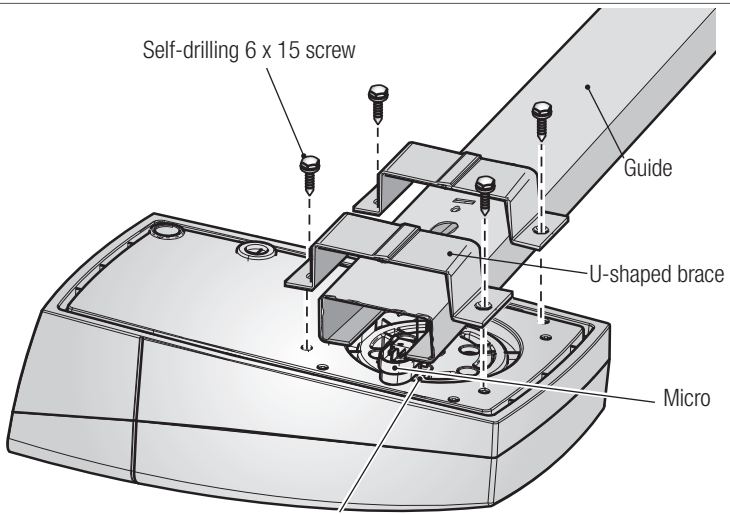
Fit the adapter to the drive shaft.

The operator can be fitted onto the guide: either in standard position or at a right angle .

F



G

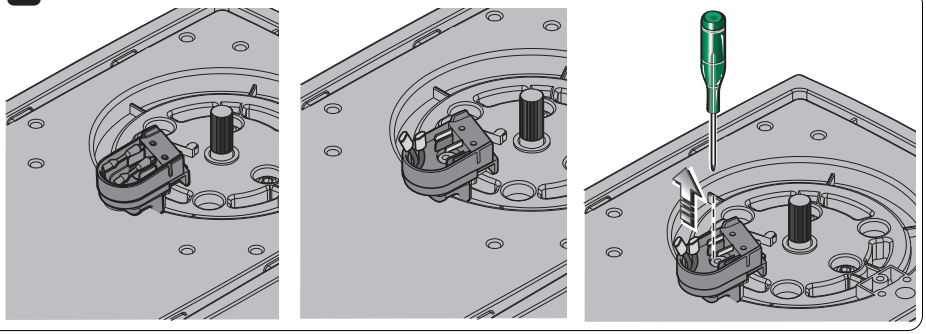


⚠ If the operator is to be fitted at a right angle, before installing it, set the micro-switch (see the corresponding paragraph).

Moving the micro switch

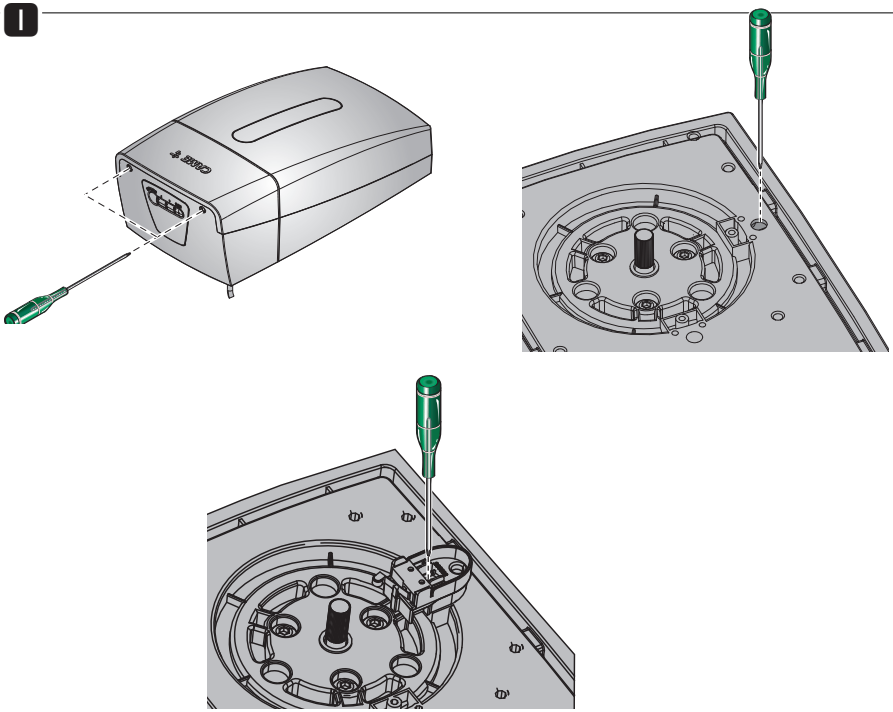
Disconnect the cables of the micro switch **H** and remove the latter.

H

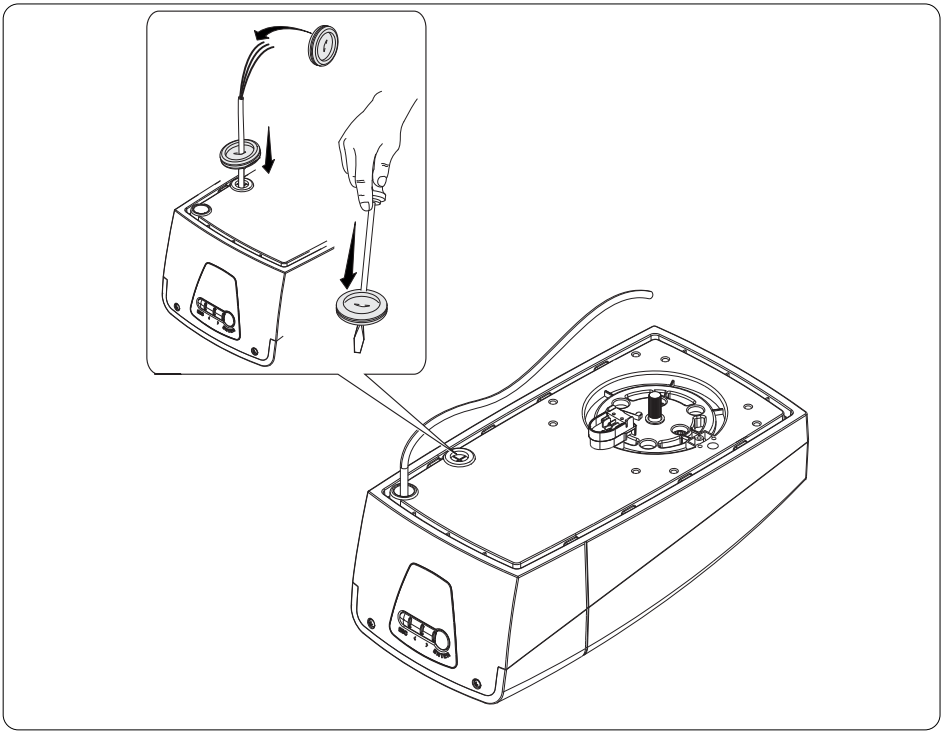


I Remove the operator's cover. Pull out the electrical cable and fit it through the hole.
Use a screwdriver to open up the predrilled hole for the electrical cables of the micro switch and fir the cables to the micro switch. Fit the micro switch to the operator.
Connect the connectors to the corresponding positions on the micro switch.
⚠ Reconnect the cables as originally connected (NO - C).
Fit the cover back onto the operator.

I

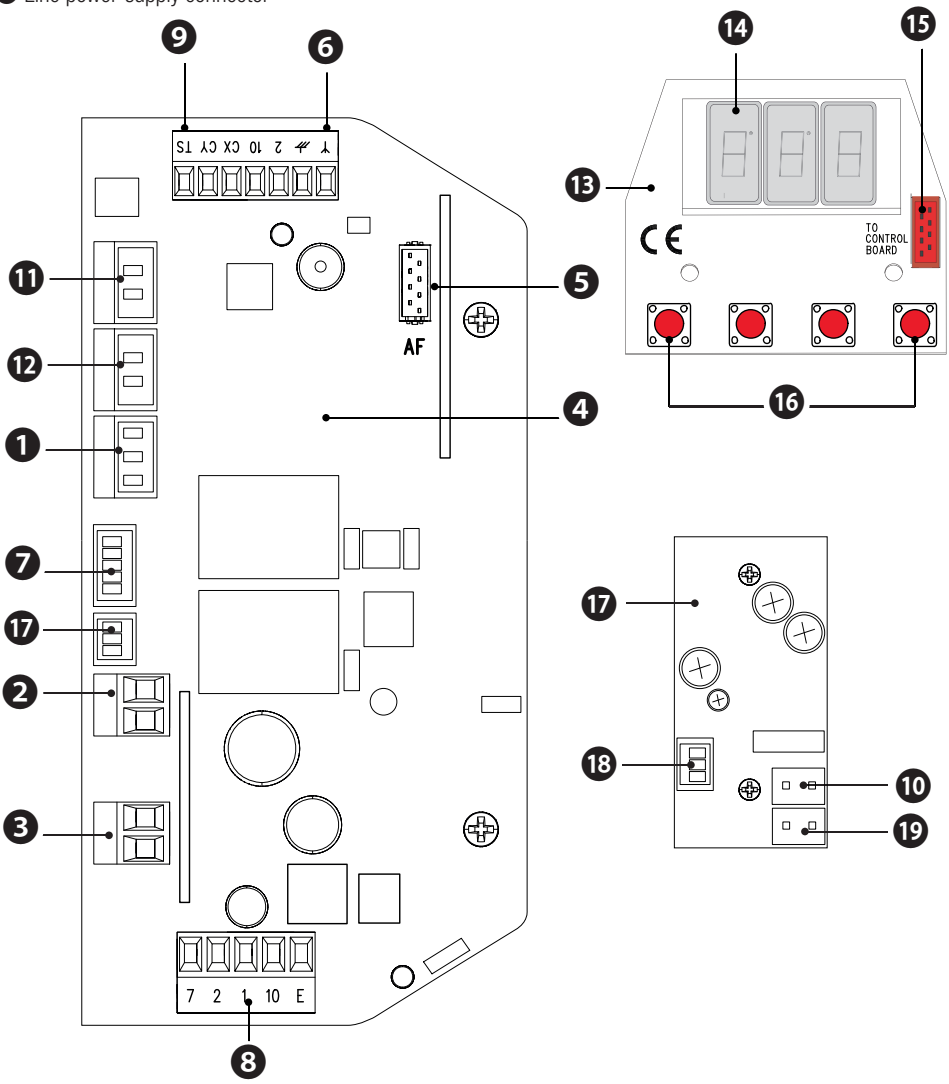


Perforate the cable gland ① pass the cables through ② and fit it into its corresponding housing ③.
🕮 The number of cables depends on the type of system and accessories fitted.

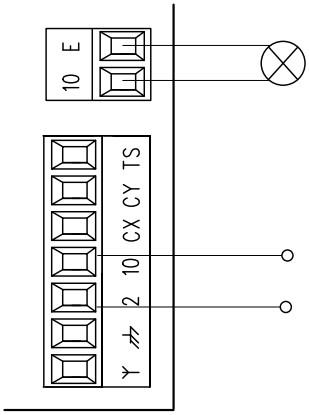


Description of parts

❶ Encoder connector
❷ Gearmotor connector
❸ Card power supply connector
❹ Electronic board
❺ AF card connector
❻ Antenna terminals
❼ Programming board connector
❽ Terminals for control and warning devices
❾ Safety-device terminals
❿ Line power-supply connector
⓫ Courtesy light cover connector
⓬ Calibration microswitch terminal
⓭ Programming board
⓮ Display
⓯ Cable for connecting to the control board
⓰ Programming buttons
⓱ Low consumption module
⓲ Board-to-module connector
⓳ Power supply connector from transformer



Signalling devices



Output for connecting either flashing or cycle light
(Contact rated for: 24 V AC - 10 W).
See function F18.

Accessories connection output (24 V DC)

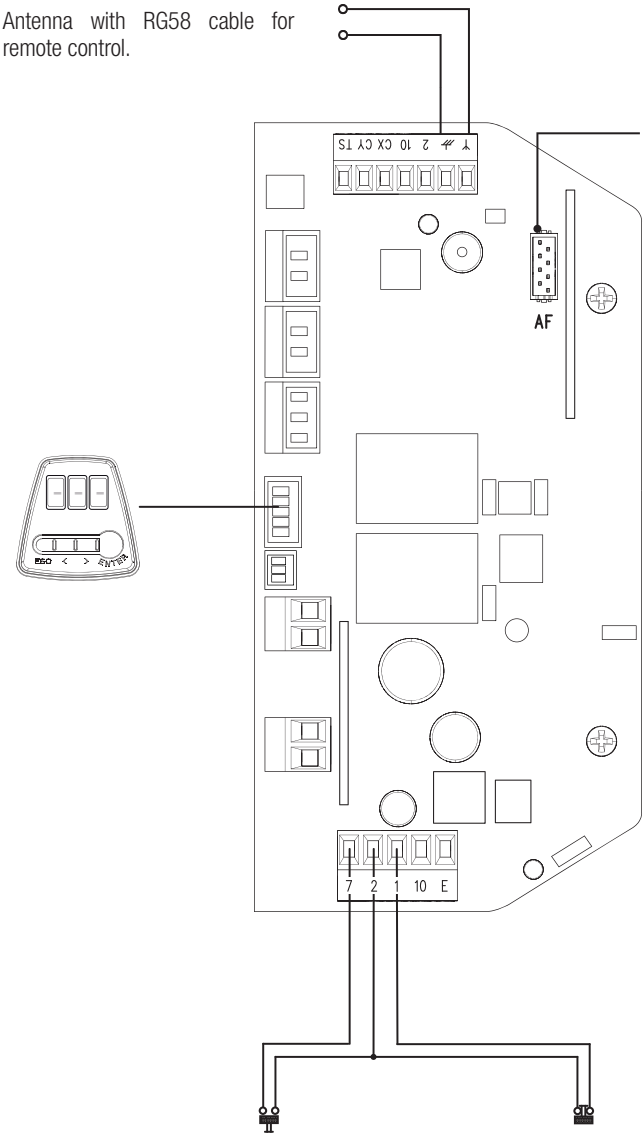
📖 When the operator is in standby mode and Sleep mode is activated (F60=ON), output 10-2 is not powered.

📖 The absorbed power of all the accessories, including lighting, is 20W.

📖 When the motor is stationary and the [F60 Sleep mode] function is active, the output 10-2 is OFF.

Command and control devices

⚠ Before fitting the AF card, you must cut off the mains power supply.



OPEN-CLOSE-INVERT (step-by-step) function from control device (NO contact). Alternatively, from function programming you can activate other commands.
See function F 7.

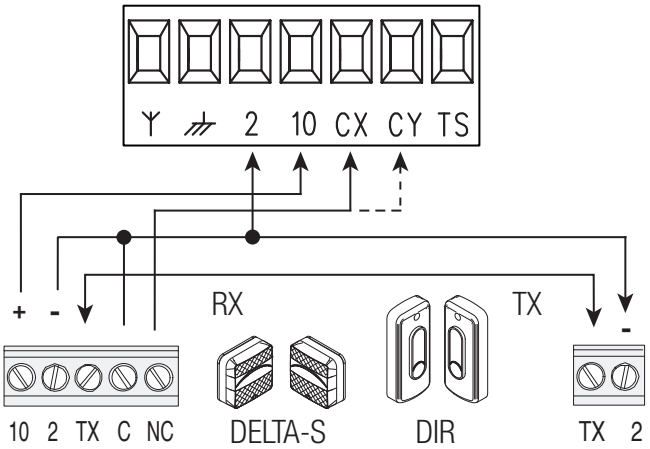
STOP button (NC contact). Enables the door to stop and excludes the automatic closing. To resume movement press the control button or use another control device. See function F 1.

Safety devices

Photocells

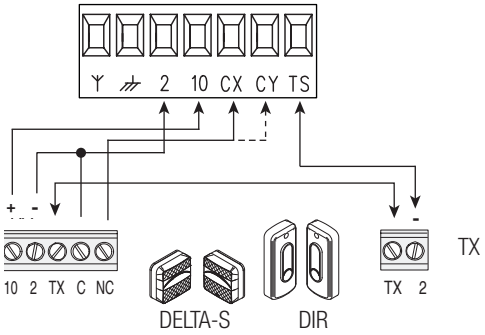
Configure contact CX or CY (NC), safety input for photocells.
See functions for input CX (Function F 2) or CY (Function F 3) in:
- C1 reopening during closing. When the door is closing, opening the contact causes the door to invert its movement until it is completely open;
- C3 partial stop. Stopping of the door, if it is moving, with consequent automatic closing (if the automatic closing function has been entered);
- C4 obstruction wait. Stopping of the door, if it is moving, which resumes movement once the obstruction is removed.

📖 By default, the Cx and Cy contacts are deactivated:



Connecting the safety devices (i.e. the safety test)

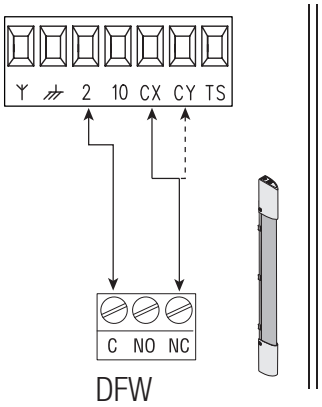
At each opening and closing command, the control board checks the efficacy of the safety devices (such as photocells).
Any malfunction inhibits any command and is signalled as E4 on the display.
Enable function F5 in programming.



Sensitive Safety Edges

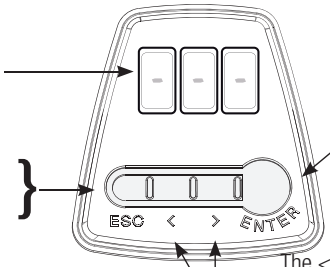
Configure contact CX, CY (NC), safety input for sensitive safety-edges.
See functions for input CX (Function F 2) or CY (Function F 3) in:
- C7 reopening while closing (NC input). When the door is closing, opening the contact causes the door to invert its movement immediately until it is completely open;
- r7 opening again during closing (8K2 resistive input). When the door is closing, opening the contact causes the door to invert its movement immediately until it is completely open;

🕮 If unused, contacts CX and CY should be deactivated during programming.



DFW

Description of programming commands



Display

The ESC button is for:
- exiting menus;
- deleting changes;
- STOPPING when the motor is moving.

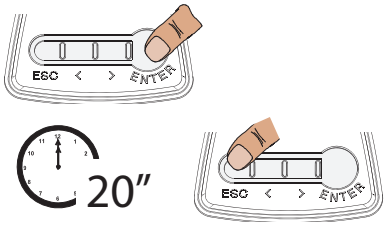
The ENTER key is for:
- accessing menus;
- confirming or memorizing set values.

The < > keys are for:
- moving from one item to another;
- increasing or decreasing a value;
- < CLOSE command;
- > OPEN command.

Browsing the menu

To enter the menu, keep the ENTER key pressed for one second.

To exit the menu, wait 20 seconds or press ESC.



🕮 When the menu is active, the system cannot be used.

Functions menu

🕮 **IMPORTANT! Start programming by first performing the TOTAL STOP (F 1) and TRAVEL CALIBRATION (A3) functions**

⚠ **Only program functions when the operator is stopped.**

🕮 **You can save up to 250 users.**

F 1	**Total stop [1-2]**	NC input – Door stop that excludes any automatic closing; to resume movement, use the control device. The safety device is inserted into (1-2), if unused, select OFF. **OFF**=*Deactivated (**default**) / **ON**=Activated*
F 2	**Input [2-CX]**	Input NC - Can associate: C1 = reopening during closing by photocells, C3 = partial stop, C4 = obstruction wait, C7 = reopening during closing by sensitive safety-edges, r7 = reopening during closing by resistive sensitive safety-edges 8K2. **OFF** = Deactivated ***(default)*** / **C1 / C3 / C4 / C7 / r7** ☞ The C3 setting only appears if F19 is active.
F 3	**Input [2-CY]**	Input NC - Can associate: C1 = reopening during closing by photocells, C3 = partial stop, C4 = obstruction wait, C7 = reopening during closing by sensitive safety-edges, r7 = reopening during closing by resistive sensitive safety-edges 8K2. ***OFF** = Deactivated **(default)** /* **C1 / C3 / C4 / C7 / r7** ☞ The C3 setting only appears if F19 is active.
F 5	**Safety test**	After every opening or closing command, the board will check whether the photocells are working properly. ***OFF**=Deactivated **(default)** / **1**=CX / **2**=CY / **4**=CX+CY*
F 7	**Control mode on 2-7**	The control device connected to 2-7, performs the (open-close-invert) step-step, (open-stop-close-stop), sequential, open only or close only ***0*** = Step-step **(default)** / ***1*** = Sequential / ***2*** = Open / ***3*** = Close
F 9	**Obstruction detection with motor stopped**	With the door closed, open, or after a total stop, the gearmotor stays idle if the safety devices, that is, the photocells, detect an obstruction. ***OFF** = Deactivated **(default)** / **ON** = Activated*
F18	**Additional light**	Output for connecting the additional light onto 10-E. Flashing light: it flashes when the door is opening and closing. Cycle: it stays on from the moment the door starts opening until it is fully closed, including the waiting time before the automatic closing. Courtesy: it stays on for an adjustable time of between 60 and 180 seconds. To set the time, see function F25. ***0** = Flashing light (**default**) / **1** = Cycle / **2** = Courtesy*

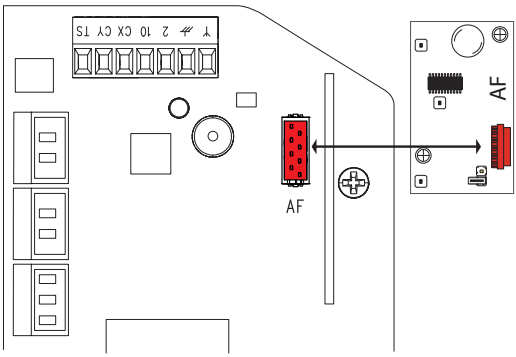
F19	**Automatic Closing Time**	The automatic-closing wait starts when the opening limit switch point is reached and can be set to between 1 and 180 seconds. The automatic closing does not work if any of the safety devices trigger when an obstruction is detected, or after a total stop, or during a power outage. ***OFF*** *= Deactivated (**default**) /* ***1*** *= 1 second /... /* ***180*** *= 180 seconds*
F20	**Automatic closing time after partial opening**	The automatic-closing wait starts when the partial opening point is reached (from partial opening command) and can be set to between 1 and 180 seconds. The automatic closing does not activate, after a total stop or if the power supply is missing. 🕮 The F19 function must not be deactivated. ***OFF*** *= Deactivated **(default)** /* ***1*** *= 1 second /... /* ***180*** *= 180 seconds*
F21	**Pre-flashing time**	Adjusting the pre-flashing time for the flashing light connected to 10-E before each maneuver. The flashing time is adjustable from 1 to 10 seconds. ***OFF*** *= Deactivated **(default)** /* ***1*** *= 1 second /... /* ***10*** *= 10 seconds*
F25	**Courtesy light time**	The courtesy light stays lit for the necessary time while the door is opening and closing. Adjustable between 60 and 180 seconds. ***60*** *= 60 seconds /... /* ***180*** *= 180 seconds **(default)***
F34	**Travel sensitivity**	It adjusts the obstacle detection sensitivity during the gate travel. ⚠ **Change the parameter in compliance with the regulations on impact force.** ***50*** = Maximum sensitivity (default) /… / ***100*** = Minimum sensitivity
F36	**Adjusting the partial opening**	Adjustment as a percentage of total travel, during the door partial opening. ***5*** *= 5% of the travel /… /* ***40*** *= 40% of the travel **(default)** /… /* ***80****= 80% of the travel.*
F58	**Maintenance maneuvers**	The function allows you to set the number of manoeuvres the operator can perform before a maintenance warning signal is generated. ***OFF*** (Default) / ***1*** to ***999*** (1 = 100 manoeuvres)
F60	**Sleep mode**	In standby mode and with the function active (ON), the power supply to the accessories (output 10-2) is deactivated. If the devices need to remain active, deactivate the function (OFF). For consumption information with the function activated or deactivated, see the technical data table. 🕮 The operator switches to standby mode after the time set for the courtesy light (function F25) or after a restart or after the Stop button has been pressed. **OFF** = Deactivated / **ON** = Activated ***(default)***

		OFF = (default) deactivated / ***ON*** = activated
F80	**Sound signal**	If activated, the buzzer will emit a signal each time any programming key is pressed and, with the automatic closing time activated, it emits an acoustic signal warning that the door is closing.
U1	**Entering users**	Up to a maximum of 250 users can be entered and each can be associated to a function of choice among those available. This must be done via transmitter (see "ENTERING USERS WITH ASSOCIATED COMMAND paragraph). ***1*** *= open-close (step-step) /* ***2*** *= open -stop-close-stop (sequential) /* ***3*** *= open only /* ***4*** *= partial opening*
U2	**Deleting users**	Deleting single users (see paragraph called DELETING SINGLE USERS).
U3	**Deleting users**	Deleting all users. ***OFF*** = Deactivated / ***ON*** = Delete all users.
A3	**Travel calibration**	Boom travel calibration (see TRAVEL CALIBRATION paragraph).
A4	**Resetting parameters**	Caution! To restore the factory settings. **OFF** = Deactivated / **ON** = Activated
A5	**Maneuver count**	The function allows you to view the number of total or partial operator manoeuvres (after maintenance). 📖The number of manoeuvres is the number shown multiplied by 100. ***Tot*** = total manoeuvres - Manoeuvres performed since the operator was installed. ***Par*** = partial manoeuvres - Manoeuvres carried out after the last maintenance. Under the [Par] parameter, press the ENTER key to reset the number of partial manoeuvres. [Clr] will appear on the screen to confirm deletion.
H1	**Version**	View the firmware version.

Transmitter and Saving users

⚠ Before fitting the snap-in cards, you MUST CUT OFF THE MAINS POWER SUPPLY.

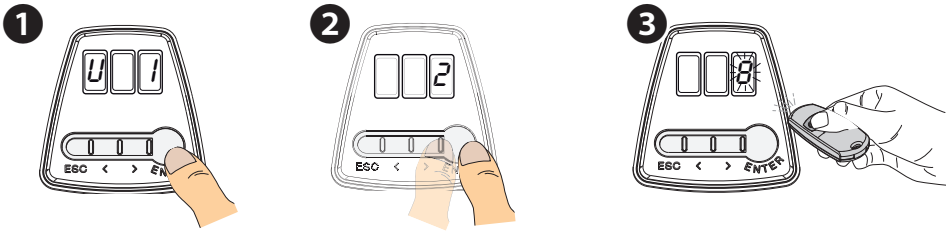
To enter, change and delete user or to control the operator via the radio command, fit the AF card.



Entering a user with an associated command

N.B.: when entering and deleting users, the numbers that appear flashing are available and usable numbers for entering new users (max. 250 users).

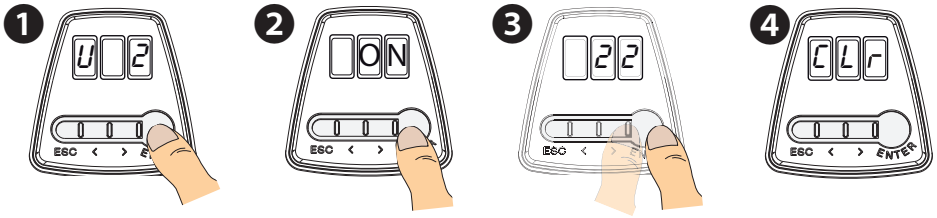
Select U1. Press ENTER to confirm ❶.
Select a command to associate to the user.
The commands are:
1 = step-step (open-close);
2 = - sequential (open-stop-close-stop);
3 = open;
4 = partial opening.
Press ENTER to confirm ❷.
An available number between 1 and 250 will flash for a few seconds. This number will be assigned to the user after sending the code through the transmitter ❸.



Deleting a single user

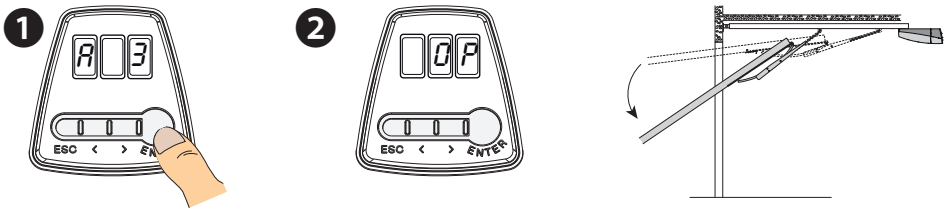
Select U2. Press ENTER to confirm ❶.
Select ON. Press ENTER to confirm ❷.
Select the user number to delete. Press ENTER to confirm ❸.
CLr will appear on the screen to confirm deletion ❹.

At point ❷, press the remote control button to identify the position it occupies. Press Enter to delete the position.

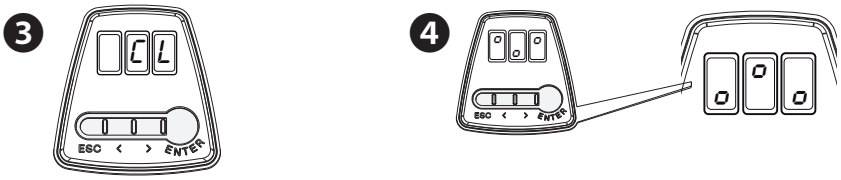


Travel calibration

N.B.: before calibrating the travel, check that the maneuvering area is free of any obstructions.
Important! During the calibration, all safety devices will be disabled except for the PARTIAL STOP one.
Select A3. Press ENTER to confirm ❶.
Keep pressed the > button to open the door. Release the button when the door reaches the desired opening limit switch point. Press ENTER to confirm ❷.



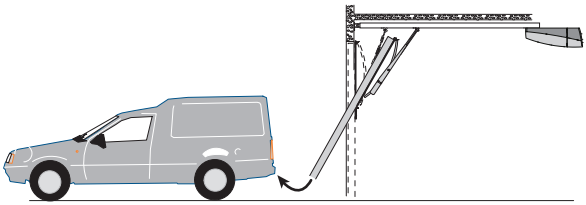
Keeping pressed the < button the door closes. Release the button when the door reaches the desired closing limit switch point. Press ENTER to confirm ❸ ❹.



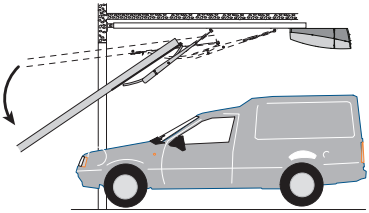
Once the limit switch points have been memorized, the operator performs a complete travel to self-learn the sensitivity values.

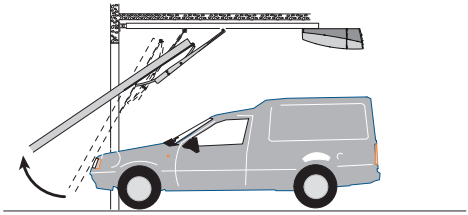
Encoder operation

Obstruction detection when **OPENING.**
The door closes again.



Obstruction detection when **CLOSING.**
The door inverts its travel direction and reopens.
After three consecutive inversions, when closing, the door stays open and automatic closing is excluded. After three consecutive opening or closing detections, the door stops.
To close the door again, press a control button or use the transmitter.





ERROR MESSAGE

🕮 The error messages appear on the display.

E 2	Calibrating the complete gate-travel
E 3	Encoder broken
E 4	Services test error
E 7	Operating time error
E 9	Closing obstruction
E10	Opening obstruction
E11	Maximum number of obstructions consecutively detected

DISPLAY SYMBOLS KEY

L	Normal operation

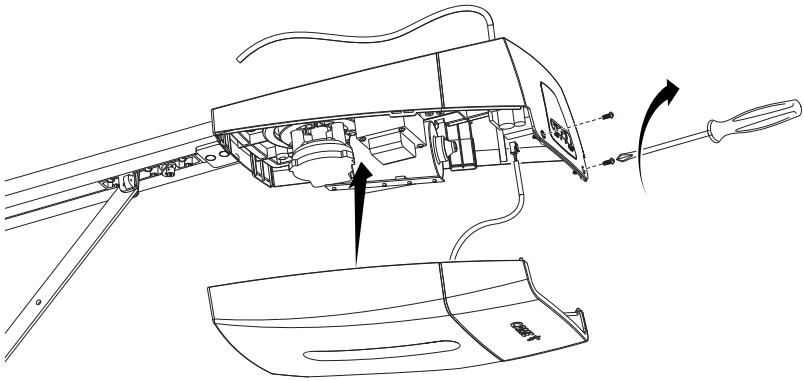
WHAT TO DO IF ...

ISSUES	POSSIBLE CAUSES	POSSIBLE FIXES
The operator neither opens nor closes	• Power supply is missing • The gearmotor is stuck • The transmitter emits a weak signal or no signal • Button/s and/or selectors stuck	• Check main power supply • Lock the gearmotor • Replace the batteries • Check that the devices and the electric cables are in proper working conditions
The operator opens but does not close	• The photocells are working	• Check that there are no obstructions in the photocells' area of operation

⚠ ***If the problem cannot be solved by following the fixes in the table or if any malfunctions, anomalies, noises, vibrations or suspicious and unexpected behaviour is experienced on the system, call for qualified assistance.***

FINAL OPERATIONS

Do the final operation only once the connections are complete and the system is started up.



DISMANTLING AND DISPOSAL

☞ CAME S.p.A. employs an Environmental Management System at its premises. This system is certified and compliant with the UNI EN ISO 14001 regulation standard to ensure that the environment is respected and safeguarded.
Please continue safeguarding the environment. At CAME we consider it one of the fundamentals of our operating and market strategies. Simply follow these brief disposal guidelines:

♻ DISPOSING OF THE PACKAGING

The packaging materials (cardboard, plastic, and so on) should be disposed of as solid household waste, and simply separated from other waste for recycling.
Always make sure you comply with local laws before dismantling and disposing of the product.
DISPOSE OF RESPONSIBLY!

♻ DISPOSING OF THE PRODUCT

Our products are made of various materials. Most of these (aluminum, plastic, iron, electrical cables) are classified as solid household waste. They can be recycled by separating them before dumping at authorized city plants.
Whereas other components (control boards, batteries, transmitters, and so on) may contain hazardous pollutants.
These must therefore be disposed of by authorized, certified professional services.
Before disposing, it is always advisable to check with the specific laws that apply in your area.
DISPOSE OF RESPONSIBLY!

The contents of this manual may change, at any time, and without notice.