

Suitable for 60 mm shaft and minimum pulley Ø220 mm
NOT SUITABLE FOR DOORS EXCEEDING 15 m².

1

Drill three holes in the shaft as shown in Figure 1:
One Ø10 mm hole to secure the motor to the shaft and two Ø12 mm holes for routing the brake cable and the release cable sheath.

2

Fit the motor onto the shaft by separating the pulley halves or by sliding the shaft through the motor assembly.

3

Tighten the fixing screws and insert the Ø10 mm locking bolt into the M10 hole to prevent the motor from rotating on the shaft.

4

Route the release cable complete with sheath and fit the release handle or cam lever (optional).

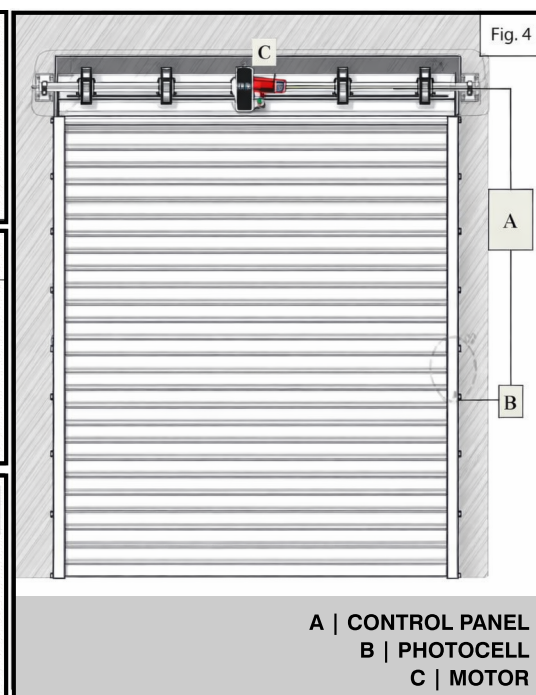
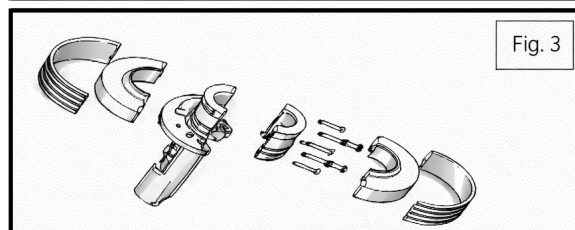
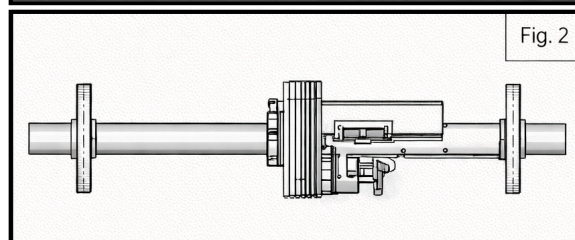
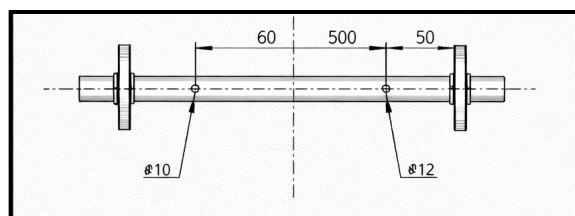
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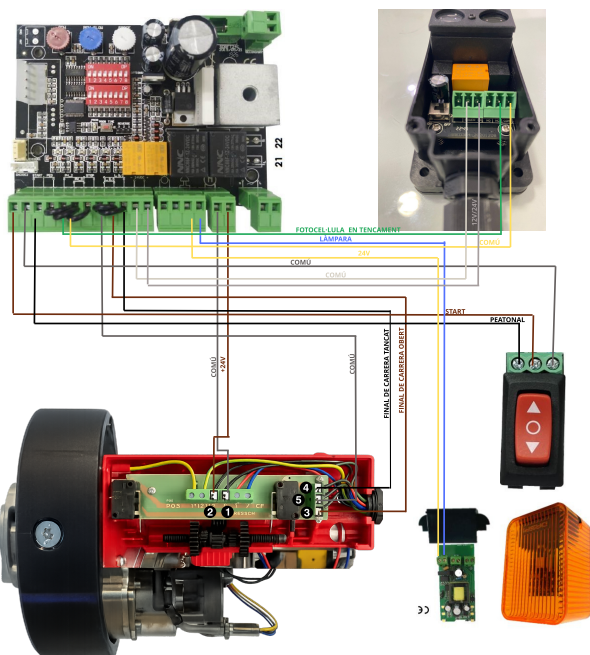
Route the electrical wiring loom (5 numbered conductors + earth) and connect the motor to the control panel in accordance with the wiring diagrams shown in Figures 5 and 6.

(DIAGRAM FOR INSTALLATIONS WITH CABLES EXITING ON THE RIGHT-HAND SIDE. FOR INSTALLATIONS WITH CABLES EXITING ON THE LEFT-HAND SIDE, SWAP WIRES 1 AND 2.)

6

Programming: refer to the programming instructions.





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Wiring and Recommended Settings

Jumper settings: JP3 disconnected

- Time-controlled operation (programming required).

Left selector switch (functions): 1, 4 and 5 ON

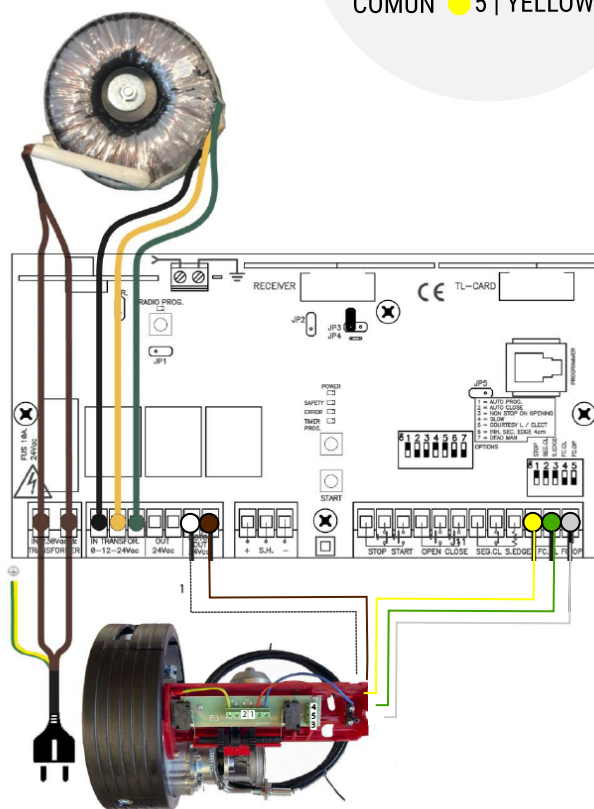
- Automatic programming (automatic limit switch detection).
 - Reduced speed at the start and end of travel.

Right selector switch (safety override): 4 and 5 OFF

- Limit switches enabled.
- Enable emergency stop (1), closing safety contact (2) and/or safety edge (3) where required by applicable regulations

Conditions to maintain warranty coverage: Limit switches must operate correctly. No mechanical stops may be used.

Maximum motor power supported: 60 W



ELECTRIC WIRE COLORS

MOTOR ● 1 | WHITE
● 2 | BROWN

FCA 3 | GREY
FCC 4 | GREEN
COMÚN 5 | YELLOW



ROLLER SHUTTER DOOR WITH TRIK SILENCE MOTOR

This manual provides the operating instructions required for the correct use of the door. Before operating the door for the first time, the contents of this manual must be read and understood.

GENERAL INFORMATION

Intended use

The door is designed for installation in areas accessible to persons and must therefore provide adequate protection and safety. It is suitable for both manual and automatic operation.

Warnings

The following instructions and warnings form an integral and essential part of the product. They must be supplied to the user and read carefully, as they contain important information regarding operation and maintenance.

These instructions must be retained and passed on to any future users.

This automation system must only be used for its intended purpose. Any other use is considered improper and may be dangerous.

Do not remain near moving mechanical parts. Do not enter the operating area while the automation is in motion. Do not obstruct or interfere with the movement of the automation, as this may create hazardous situations.

Do not allow children to play in or remain within the operating area. Keep remote controls and other activation devices out of the reach of children and unauthorised persons to prevent unintended operation.

In the event of a malfunction or irregular operation, disconnect the power supply using the main isolator switch. Do not attempt to repair or intervene directly on the main unit; contact the installer or another qualified specialist. Failure to comply with this warning may result in dangerous situations.

All repair, maintenance and cleaning operations must be carried out exclusively by qualified personnel. To ensure correct and efficient operation, the manufacturer's instructions must be followed. In particular, periodic maintenance must be performed by qualified personnel to verify the correct functioning of all safety devices.

All repair and maintenance operations must be recorded in the maintenance log and made available when required.

While the door is operating, the operating area presents a hazard to any person approaching it carelessly.

MANUAL OPERATION

The door is opened and closed manually with the assistance of the torsion spring system.

AUTOMATIC OPERATION

The door is opened and closed automatically by means of the motor. The motor may be operated by: hold-to-run push buttons; hold-to-run transmitters; remote control transmitters (step-by-step operation).

Safety During Automatic Remote-Control Operation

When operating by remote control (step-by-step mode), the door creates a potentially hazardous situation. For this reason, it is equipped with safety devices: photoelectric cells and safety edge.

EMERGENCY RELEASE OPERATION

Whenever the motorised door must be operated manually, for example in the event of a power failure, the motor release mechanism must be used. This mechanism is incorporated within the motor. Normally, the release is activated by pulling the steel release cable using the release handle, allowing the door to be operated manually.

**Warnings for the installer |**

- Warning: To ensure personal safety, these instructions must be followed carefully. Incorrect installation or improper use of the product may result in personal injury.
- Read these instructions carefully before installing the equipment.
- Keep packaging materials out of the reach of children.
- Retain these instructions for future reference.
- This product has been designed and manufactured exclusively for the use specified in this manual. Any other use may be hazardous.
- The manufacturer accepts no liability for damage resulting from improper use of the equipment.
- Do not install the equipment in potentially explosive atmospheres. The presence of flammable gases or fumes constitutes a serious safety hazard.
- Structural mechanical components must comply with EN 12604 and EN 12605.
- The manufacturer accepts no liability arising from improper or unintended use of the motor.
- Before carrying out any work on the equipment, ensure that the power supply has been disconnected.
- The mains supply must be protected by a 6 A miniature circuit breaker (MCB) with an all-pole isolating switch.
- Ensure that a 30 mA residual current device (RCD) is installed upstream of the electrical installation.
- Safety devices (photoelectric cells, safety edges, etc.) are designed to prevent hazards such as crushing, dragging and entrapment.
- Each installation must be fitted with a warning light and appropriate safety signage.
- Only genuine spare parts must be used for maintenance and repairs.
- The installer must provide all information relating to emergency operation and hand over the user manual to the end user.
- Children must not remain within the operating area while the door is in motion.
- The user must not attempt repairs or direct intervention; qualified personnel should always be consulted.
- Maintenance: the system must be inspected at least every six months, with particular attention paid to the correct operation of all safety devices.
- Any operation not expressly described in these instructions is prohibited.