



GB – Barrier

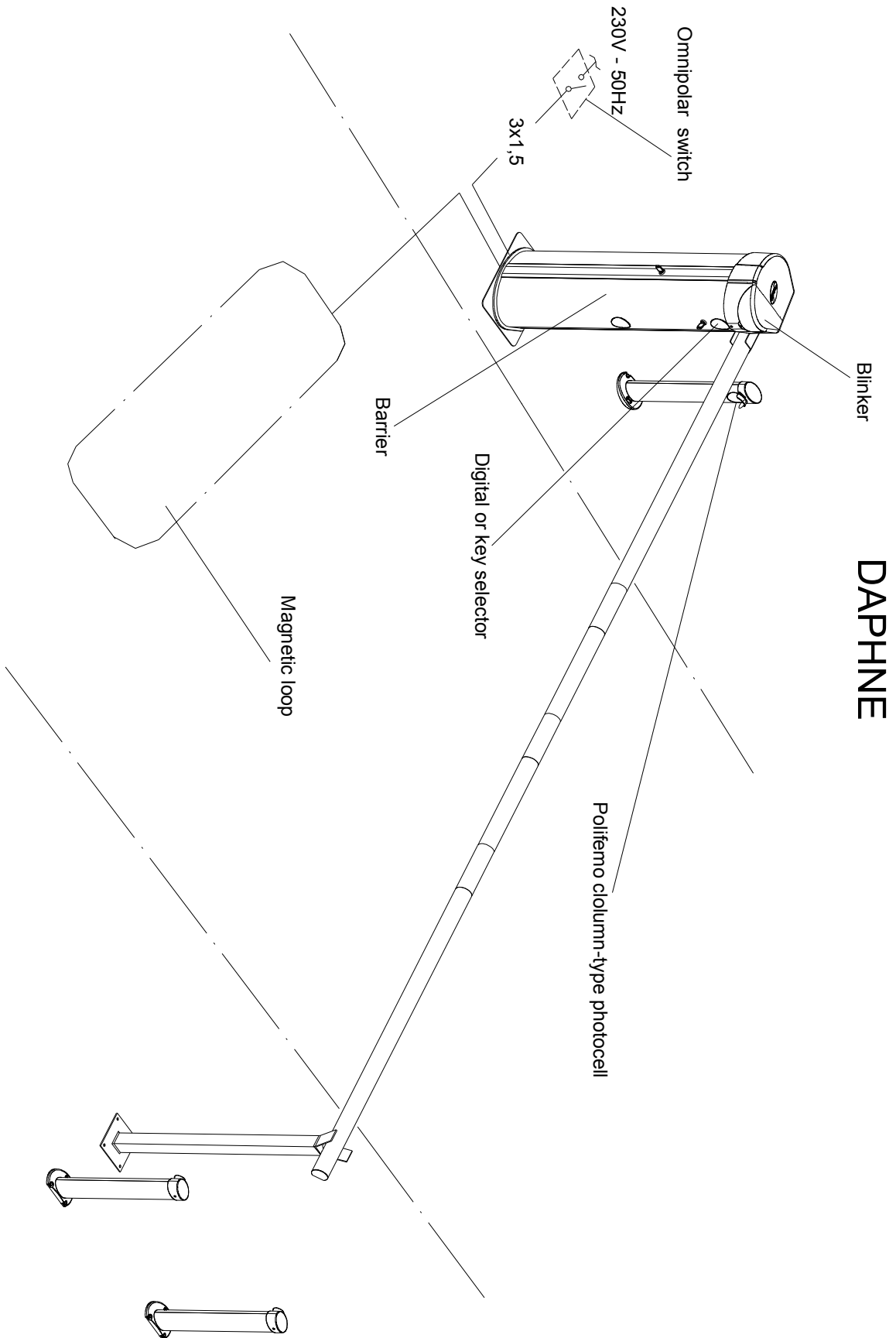
DAPHNE 6

CE



Attention!

- This manual is for qualified installers only and not for the end user. It is the installer's job to explain to the user how the automatism works, about possible hazards related to it and the need for periodical maintenance.
- Installation must be carried out by qualified personnel only, in compliance with current standards concerning automatic closing mechanisms.
- Daphne has been designed and made specifically to manage the access control of vehicles. It is therefore forbidden to use the product for different reasons other than those foreseen in this manual.
- It is forbidden to use it for any other purposes or improperly.
- Use original components only. Stagnoli is not liable for damages if any other components are used.
- Make absolutely certain the power is disconnected before carrying out any work on the device.
- Connect the power lead only to supply lines with adequate electrical protection.
- Be particularly careful when evaluating the safety devices to install and their location. Always install an emergency stop device that will cut power off in the case of necessity

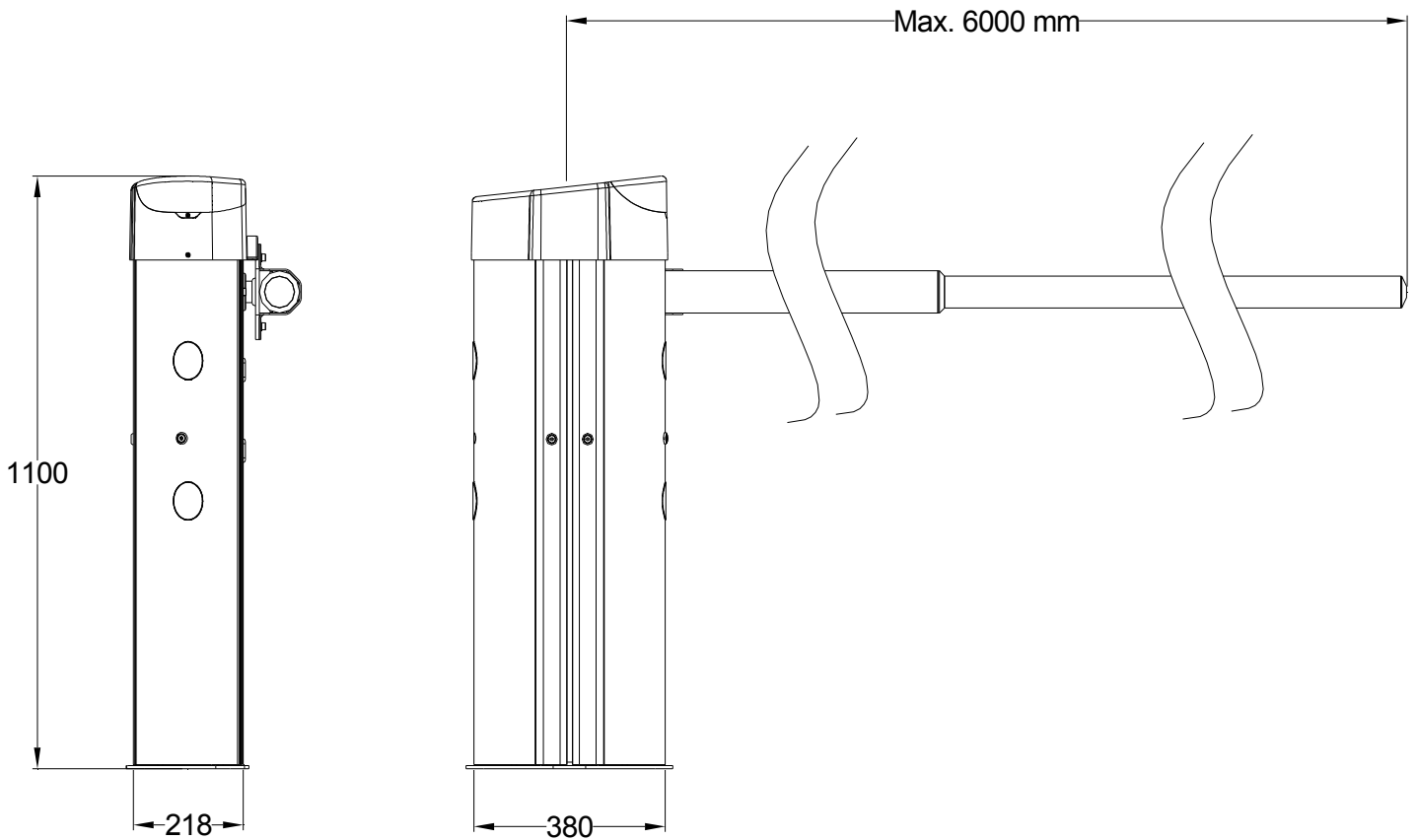


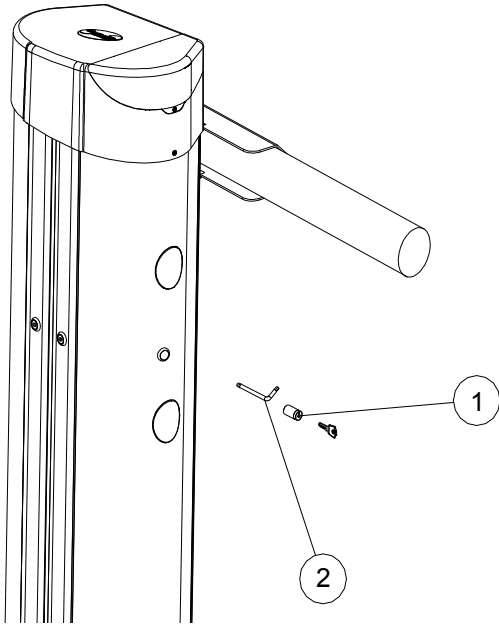
DAPHNE

DAPHNE'S Technical Details

Technical Details	DAPHNE 6
Power Supply	230V~ (50Hz)
Current absorbed Motor (A)	5
Motor Power Supply	24V <u> </u> <u> </u> <u> </u>
Maximum Power Max	120W
Opening Time (sec)	10
Operating Temperature (°C)	-20 ↔ +60
Duty Cycle (%)	70
IP Protection	44
Weight* (Kg)	40
Max. Length of arm (mt)	6

Dimensions





Manual Manoeuvre

- The manual manoeuvring of the arm should only be carried out when the motor has stopped due to a cut in the power supply
- Pull off the self releasing cylinder (1) and with the Alan key (2) unblock the motor turning the key in an anticlockwise direction.
- To re start the transmission, insert the cylinder with the red key inside it. Once it has reached the mechanical stop keep the cylinder still and pull the red key out.
- **Warning! Do not carry out the manual manoeuvring if the arm is not fixed to the motor.**

Preliminary Checks

- Make sure that the ground is ideal for holding the cement base, in which the foundation plate will be mounted.
- Make sure to foresee the passage of the cables as in the ideal set-up. The cable passage is situated in a central position on the back of the barrier.
- Make sure that there are no obstacles in the way of the arm's radius that could stop it's movement.

Fixing of the foundation plate (Fig. 2)

The barrier can be positioned either to the right or to the left of the passage. Therefore, once decided the correct position proceed to the following steps:

- Prepare a cement base where you can insert the foundation plate with the relative rods.
- Make sure that the plate is perfectly flat, that it's surface is perfectly clean and that the rods are precisely perpendicular to the ground.

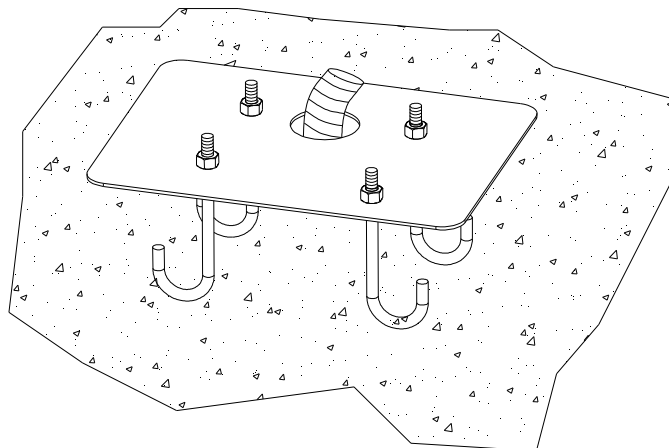


Fig. 2

Fixing the barrier

- Take the top cover off by unscrewing the screws (Fig. 3).
- Open the barrier wings, position the barrier on the foundation plate making sure that the lower holes correspond to the screwable rods and screw everything in place with the M10 nuts. (Fig.4).

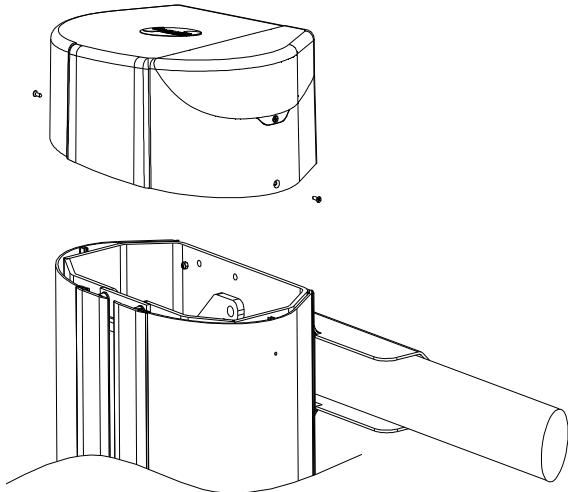


Fig. 3

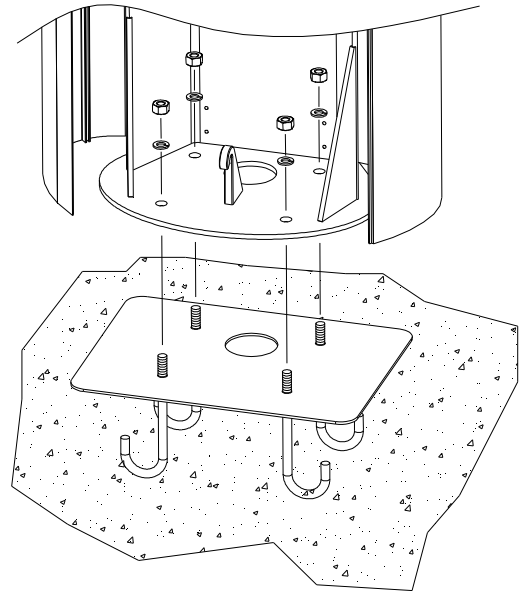


Fig. 4

Fixing in the aluminium bar

- Fix down the bar holder bracket without wholly tightening down the screws (Fig. 5).
- Insert the 80mm diameter bar, resting still on the back support, and screw down definitively the M8 screws (Fig.6).
- Assemble the fixing joint on the 80mm bar and insert the 60 mm bar into it.
- Fix down everything with the provided screws.

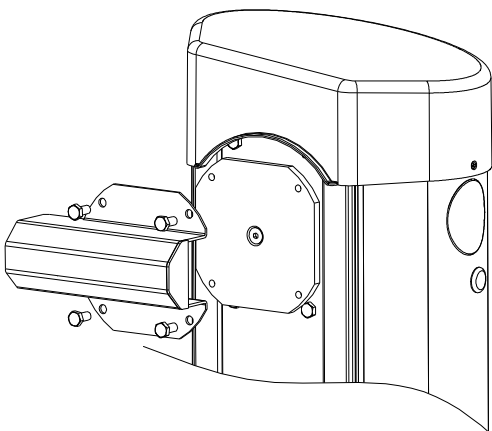


Fig. 5

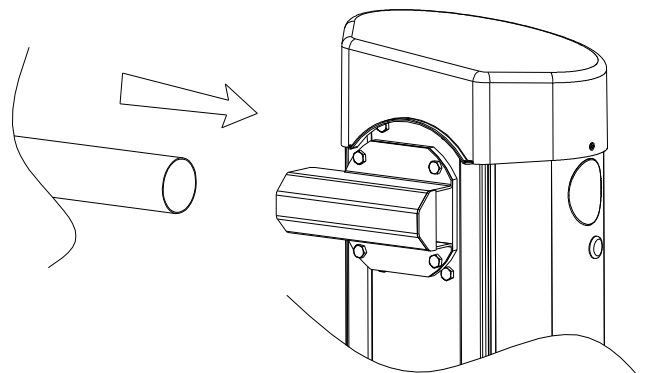


Fig. 6

Adjusting the arm: the standard opening of the barrier is in an anticlockwise direction as in (Fig. 7).

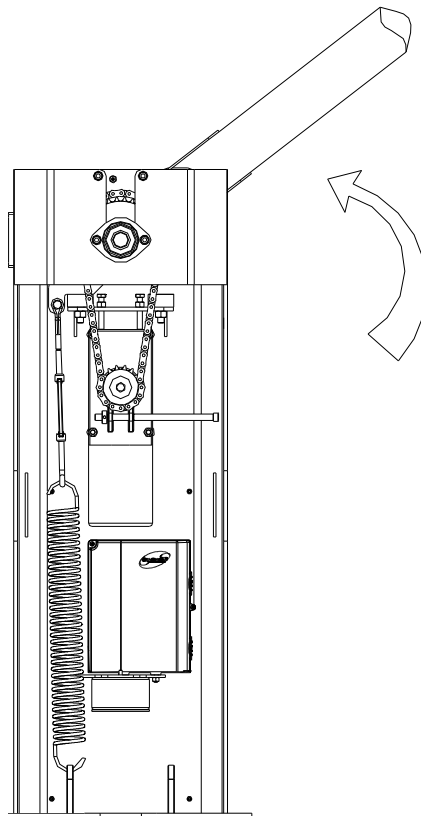


Fig. 7

- To invert the opening direction of the arm, move the spring to the opposite position (Fig.8) and invert the connection of the electric motor to the control panel (Fig.9).

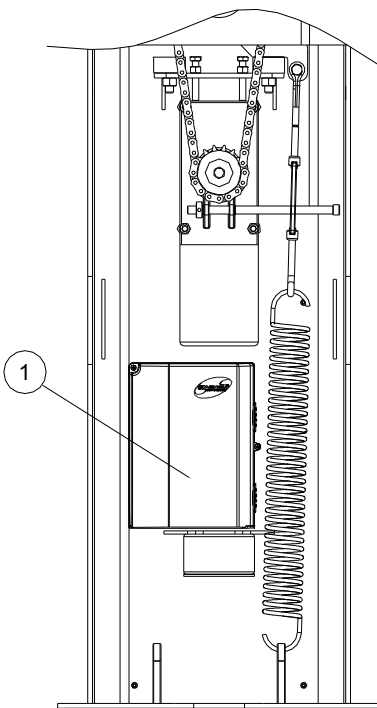


Fig.8

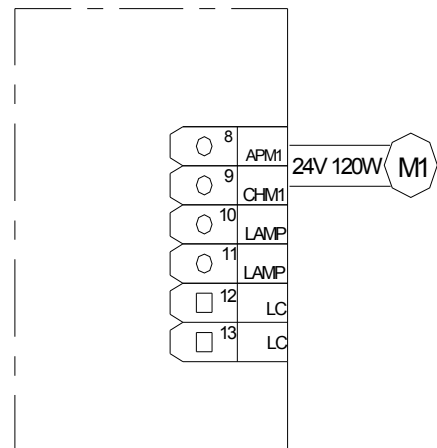


Fig. 9

- Balance the barrier's arm adjusting the screwable rods. The arm must be in equilibrium in the half way position (45°) (Fig. 10).

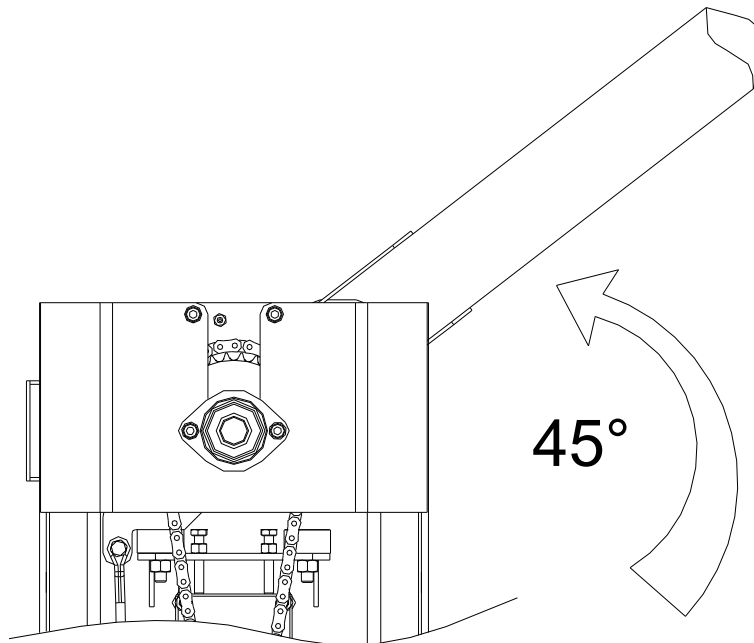


Fig. 10

- Proceed with the programming of the control panel following the specific electrical instructions and after having carried out the complete programming regulate the position of the arm's limit switches, lowering or raising the relative rubber antivibration drums (1) (Fig. 11).

N.B Warning it is compulsory to use the fixed support for the bar.

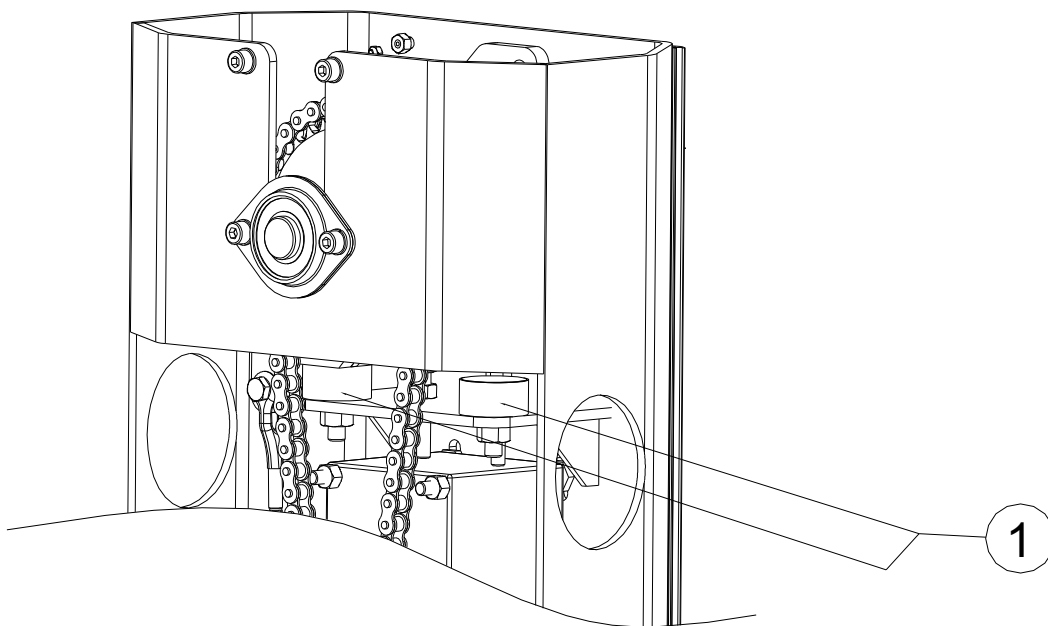


Fig. 11

Adjusting the chain's tension

The chain's tension is adjusted directly in the warehouse, however, if you notice that the chain is slightly slack, adjust, using screws (1) as in example (Fig. 12).

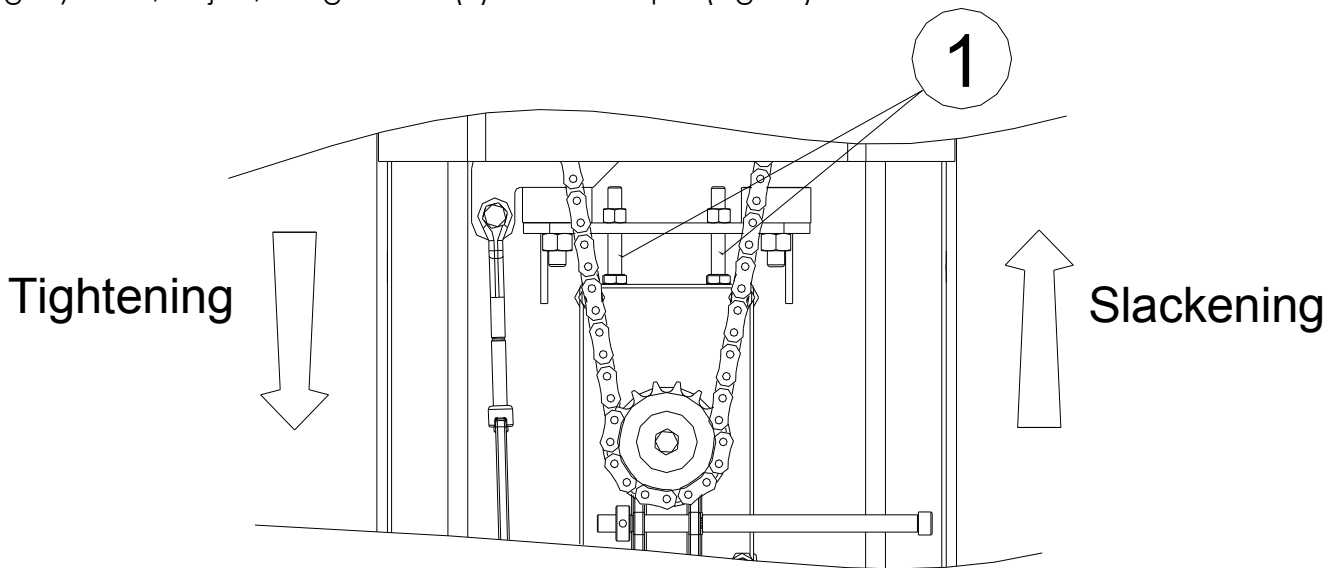


Fig. 12

Ordinary Maintenance

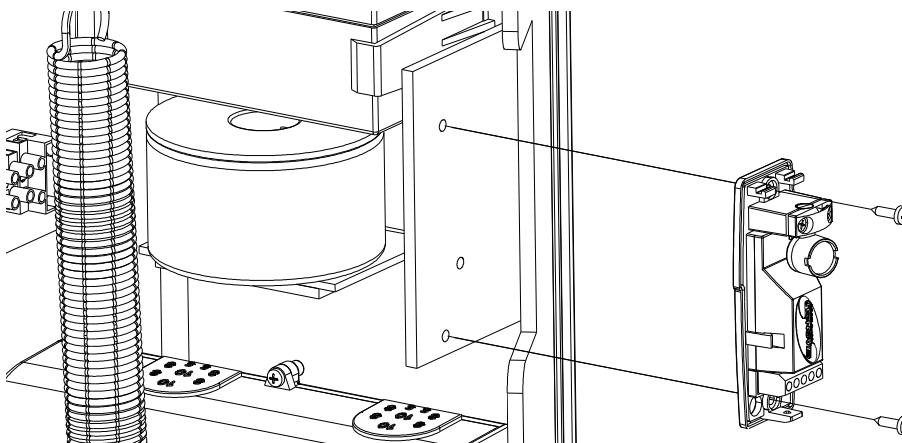
It is advisable, after installation, to carry out checks on the moving parts, at least every 6 months:

- Check the balance of the arm (if necessary rebalance the arm adjusting the screwable rods) (see Fig. 10).
- Check the correct alignment of the arm.
- Verifying the tension on the transmission chain.

Every 500,000 manoeuvres carry out a revision of the following parts.

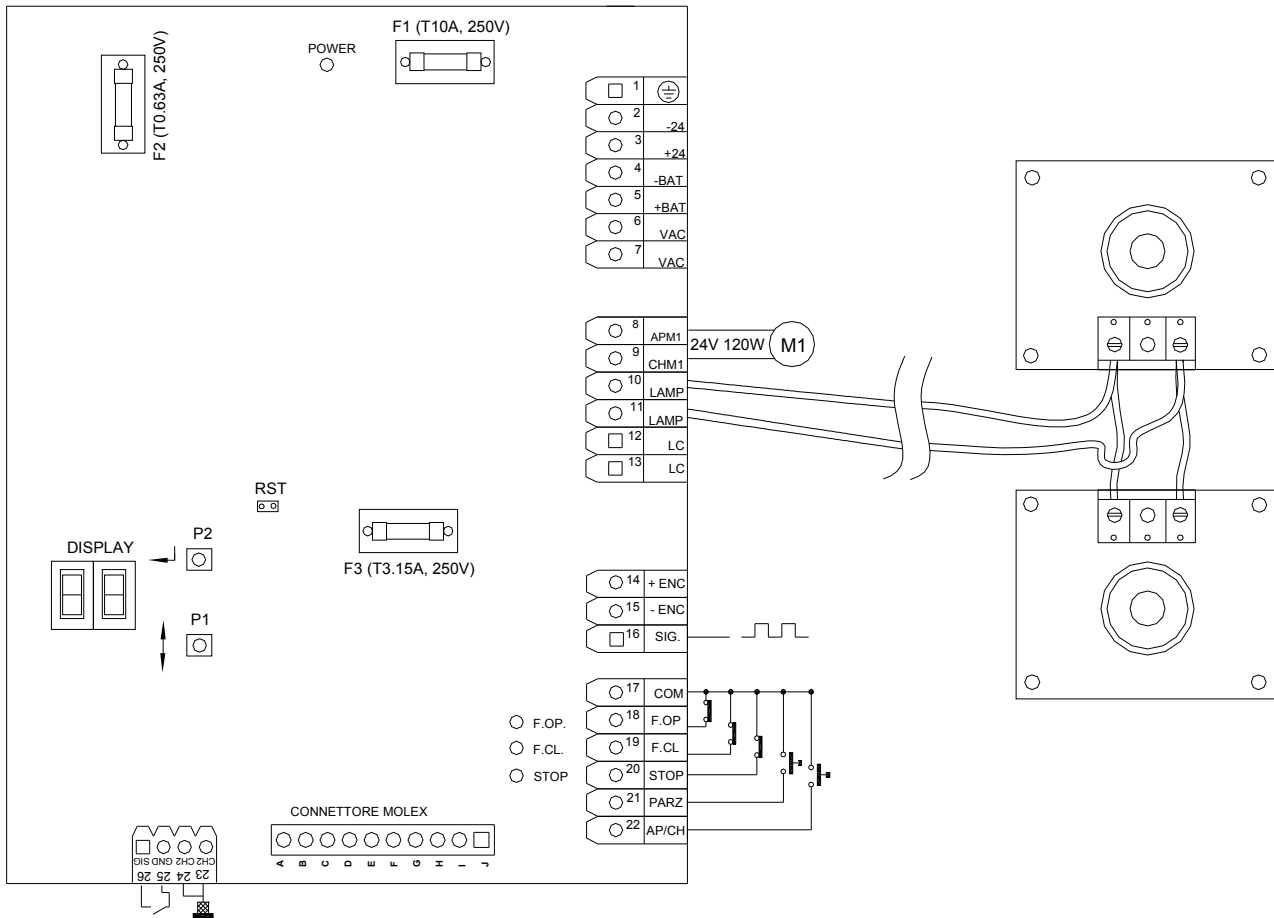
- Replace the rubber antivibration drums
- Check that the spring is balanced
- Check that the body of the barrier is securely grounded, check that the arm is still tightly attached and check that the motor is still securely fixed.
- Check the relative functionality and efficiency of the control panel and the safety accessories.

Fixing the photocell (optional): Open the barrier door and fix the photocell as indicated in figure.



Connecting integrated lamps :

Open the top cover, unscrew the two lampholders and connect them as per the following diagram:



N.B Warning the integrated lamp's bulbs must not have a total power greater than 20W. The bulbs must always be connected in parallel.

Fixing the digital or key pad (optional): open the barrier door, take off the cover (1) and fix the pad as indicated in figure.

