

Centrale di comando con ricevitore integrato - Istruzioni

p. 4

Control unit with integrated receiver - Instructions

p. 7

Armoire de commande avec récepteur intégré - Instructions

p. 10

Central de mando con receptor radio - Instrucciones

p. 13





Queste istruzioni contengono delle importanti informazioni sull'installazione e l'uso della centrale **QC00**. Conservatele sempre anche dopo l'installazione. Iniziare l'installazione della centrale soltanto dopo aver letto queste istruzioni. L'installazione deve essere eseguita soltanto da personale qualificato. Installare un interruttore magnetotermico sulla linea di alimentazione per rispettare le prescrizioni delle normative vigenti. La sicurezza del prodotto dipende da una corretta installazione.

Osservare l'avvolgimento durante l'azionamento e tenere lontane le persone finché questo è in movimento.

Esaminare frequentemente se vi sono sbilanciamenti o segni di usura o danneggiamento dei cavi. Non utilizzare se vi è necessità di riparazione o manutenzione.

GAPOSA declina ogni responsabilità in caso di uso improprio del prodotto o di una non corretta installazione. Il prodotto è stato costruito nel rispetto delle norme europee: 2006/95/CE (CEE73/23, CEE93/68), 2004/108/CE (CEE89/336), CEE89/106, CEE89/392, EN60335-1 04/1998, EN60204-1 09/1993, EN55014-1 4/1998.

IMPORTANTE! Tutte le operazioni di cablaggio vanno eseguite solo dopo aver disconnesso l'alimentazione principale! STACCARE L'INTERRUTTORE GENERALE prima di ogni altra operazione!



These instructions contain important information on the installation and the use of the **QC00** unit. Please keep them even after installation. Do not start installing the **QC00** unit without having first read these instructions. The installation can only be done by a qualified technician.

In order to conform to the rules in force, the installation must include on its power supply line a differential magnetothermic switch with minimum distance between the contacts of at least 3mm. The security of the product depends on a correct installation. Be at a far distance from shutter/awnings in movement. Check frequently if any loss of balance, sign of wear or damages wires are shown. Do not use if any repairing or maintenance is needed.

GAPOSA declines all responsibility in case of improper use of the product or of an incorrect installation. The product has been made respecting the European norms: 2006/95/CE (CEE73/23, CEE93/68), 2004/108/CE (CEE89/336), CEE89/106, CEE89/392, EN60335-1 04/1998, EN60204-1 09/1993, EN55014-1 4/1998.

IMPORTANT! All connections must be made while power supply is cut off! TURN THE MAIN SWITCH OFF before any other operation!



Ces instructions contiennent d'importantes informations sur l'installation et l'utilisation de la centrale **QC00**. Elles sont à conserver même après l'installation. Commencer l'installation de la centrale seulement après avoir lu ces instructions. L'installation ne peut être réalisée que par une personne qualifiée. Afin de respecter les réglementations en vigueur au sein de l'Union Européenne, il est nécessaire de rajouter un interrupteur magnétothermique sur la ligne d'alimentation. La sécurité du produit dépend d'une installation correcte. Contrôlez le volet pendant l'actionnement et évitez que quelqu'un y soit trop proche pendant qu'il est en mouvement.

Vérifiez fréquemment s'il y a des déséquilibres, traces d'usure ou endommagements de câbles. N'utilisez pas en cas de besoin de dépannage ou d'entretien.

GAPOSA décline toute responsabilité en cas d'utilisation inhabituelle du produit ou d'une installation incorrecte. Le produit a été fabriqué en respectant les réglementations européennes: 2006/95/CE (CEE73/23, CEE93/68), 2004/108/CE (CEE89/336), CEE89/106, CEE89/392, EN60335-1 04/1998, EN60204-1 09/1993, EN55014-1 4/1998.

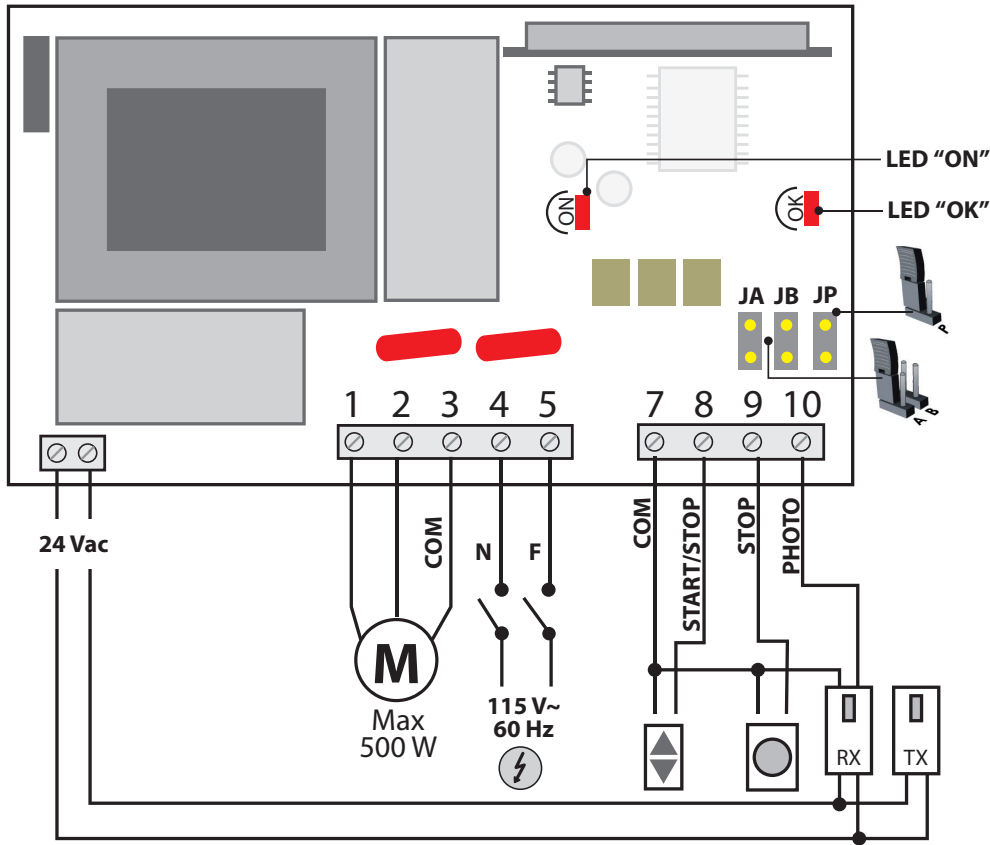
IMPORTANT! Tous les branchements doivent être effectués seulement une fois l'alimentation principale déconnectée! COUPER l'interrupteur GÉNÉRAL avant toute opération!



Estas instrucciones contienen importantes informaciones sobre la instalación y el uso de la central **QC00**. Conservarlas siempre también después la instalación. Empezar la instalación de la central solo después haber leído estas instrucciones. La instalación debe ser hecha solo por personal cualificado. Poner un interruptor magnetotérmico en la línea de alimentación para respetar las normativas. La seguridad del producto depende de una correcta instalación. Observar la puerta cuando se mueve y tener a distancia las personas hasta que la puerta se para. Controlar frecuentemente que la puerta funciona bien y no hay señales de desgastes o daños de algunos componentes. No utilizar la puerta si hay repararlo o hacer algun mantenimiento.

GAPOSA declina toda responsabilidad en caso de uso impropio del producto o de una incorrecta instalación. El producto ha sido fabricado respetando las normativas europeas: 2006/95/CE (CEE73/23, CEE93/68), 2004/108/CE (CEE89/336), CEE89/106, CEE89/392, EN60335-1 04/1998, EN60204-1 09/1993, EN55014-1 4/1998

IMPORTANTE! Todas las operaciones de conexión deben ser hechas solo después haber desconectado la alimentación principal! QUITAR EL INTERRUPUTOR GENERAL antes de alguna operacion!



1. LOW VOLTAGE CONNECTIONS

SS = PUSH BUTTON START/STOP (USUALLY OPEN)

Must be connected on the terminals 7 (com) and 8 (SS).

To choose the impulsive or dead man (in closing) working logic follow the procedure in paragraph 11.

STOP (USUALLY CLOSED)

Must be connected on the terminals 7 (com) and 9 (STOP).

If this entry is not used, a jumper must be inserted between terminals 7 and 9.

Stops the door and deactivates the automatic closing.

PHOTOCELLS (USUALLY CLOSED)

Connect the photocells supply to the **QC00** 24Vac terminal. The NC terminal of the receiving photocell must be connected to terminals 7 (com) and 10. If no photocells are installed, a jumper must be inserted between terminals 7 and 10.

Stops the door from closing and automatically opens it as a safety precaution.

2. MOTOR AND MAIN POWER CONNECTION

WARNING ! The installation must include a switch with contacts no less than 3 mm apart from each other in order to ensure the omni polar disconnection of the unit. All connections must be made once the main power is disconnected. TURN THE MAIN SWITCH OFF before making any connection.

Single Phase Motor 120V (Max Power 500W)

Connect the motor to the terminals: 1 (down), 2 (up), 3 (common).

Power supply 120V~ / 60 Hz

Connect the power supply to the terminals: 4 (NEUTRAL) / 5 (PHASE)

3. DEFAULT SETTING

Motor working time: 30 seconds

Automatic closing: deactivated / no radio programming

4. PROGRAMMING THE TRANSMITTERS

4.1 PROGRAMMING THE TRANSMITTERS - START/STOP functions

During the programming of the transmitters, the unit must be kept at least 50cm away from the transmitter.

The procedure links the radio signal with the START/STOP function.

1. Insert the JA jumper (fig. 1). The OK led is on.

2. Send the radio signal.

If the led blinks only once rapidly, the radio signal is recorded.

If the led blinks only once slowly, the signal was already in the memory.

If the led blinks 3 times, memory is full.

4. To memorise more transmitters repeat the procedure from point 2.

Otherwise, remove the jumper from JA (fig. 2).

Fig. 1



Fig. 2



4.2 PROGRAMMING THE TRANSMITTERS - STOP functions

This procedure links a transmitter radio signal to the STOP function.

1. Insert the JA jumper (fig.1). The OK led is on.
2. Maintaining the STOP (ST) button pressed during the emission of the radio signal. If the STOP button has not been installed, open the contact between terminals 7 (com) and 9 while the radio signal is sent.
When programming is done, reinsert the jumper (fig. 2).

Fig. 1



Fig. 2



Erase all the recorded codes: this is possible through the unit total RESET procedure (paragraph 8).

5. RESET PROCEDURE

The reset procedure allows to erase the unit's memory and to return to the basic programming.

IT CANCELS ALL PROGRAMMING AND ALL PROGRAMMED TRANSMITTERS.

1. Cut the main power off and insert the jumper in JA. (fig. 1).
2. Power the unit.
3. When the led starts blinking, remove the JA jumper (fig. 2).
4. When the led turns off, the reset procedure is complete.

Fig. 1



Fig. 2



6. PROGRAMMING THE WORKING TIME

The working time is the necessary time for the door to make a complete cycle (open and close). Through this procedure, the unit automatically memorises this cycle. Not programmed, the working time set in memory is 30 sec.

1. Check that all limits are set!
During this procedure the motor cannot be stopped by the photocells nor by the STOP button.
2. Half open the door. Insert the jumper in JP (fig. 3). The OK led turns on.
3. Open or close the door (ex. open) with the transmitter.
When the door reaches its up limit, wait 2 seconds and send another signal.
4. Send another signal and the door moves in the opposite direction.
Once the door reaches the down limit, wait 2 seconds and send a new signal.
5. Remove JP jumper (fig. 4). The programming procedure is complete.

Fig. 3



DOOR
HALF
OPENED



Fig. 4

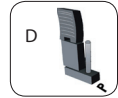
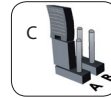
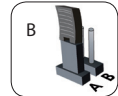
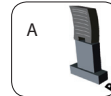


7. PROGRAMMING THE PAUSE TIME

Pause Time programming allows the door to close automatically. Once memorised, the pause time can also be modified. The function can be deactivated during the pause by a signal from the transmitter. To avoid the automatic closing it is necessary to reset the unit (paragraph 8).

WARNING: The RESET procedure also cancels all other programmed features!

1. Insert a jumper in JP (A). The OK led is on.
2. Insert a second jumper in JA (B) and wait for the desired Pause Time (**max 4 min**). The OK led blinks.
3. Remove the JA jumper (C). The OK led is on.
Then remove the JP jumper (D) and the led turns off.
The Pause Time function has been programmed correctly.

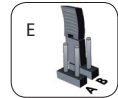


8. WORKING LOGIC SELECTION

The **QC00** unit can manage two different working logics. The logic selection is made through the B jumper.

1. IMPULSIVE LOGIC: JB=OFF (E)

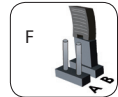
To open or close the door you just have to press the button once without having to keep it pressed.



2. DEAD MAN LOGIC IN CLOSING: JB=ON (F)

The door closes (also with radio) only if you keep the button pressed. When you release the button, the motor stops.

NB : In this logic, the automatic closing function is deactivated.



9. EXPLANATION OF THE LED SIGNIFICANCE

The **QC00** unit is provided with two led which indicate the status of the unit.

LED "ON": Indicates that unit is powered on. If the led is off, the unit is not powered.

LED "OK": When the unit is connected to the power supply, this led blinks indicating its correct functioning. During the normal working of the unit, it blinks when it receives a valid radio signal. If the OK led is on or blinks continuously, the unit is in programming mode (Jumpers JA and/or JP are inserted).

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