CONNECTIONS DESCRIPTION

1	Power phase 230VAC/50Hz
2	Neutral 230VAC/50Hz
3	Lamp output 230VAC (Neutral)
4	Lamp output 230VAC (Phase)
5	Motor closing
6	Motor common
7	Motor opening
8-9	Power output 24VAC for accessories
10	START command N.O. contact
11	Common (-)
12	Photocells N.C. contact
13	Antenna shield
14	Antenna

TECHNICAL SPECIFICATIONS

Power supply	230V/50Hz
Max motor load	650W
Max accessories load 24V	3W
Working temperature	-20°C ~ +60°C
Protection fuse	F1 = 5A

Standby and Main Menu LED indicated:

	▢▢ LED OFF	▢■ LED ON
▢▢ T.PAUSE	No automatic closure	Automatic closure
▢▢ T.MOTOR	No timer setting	Programmed setting time
▢▢ LAMP/CORT	Flashing	Courtesy light
▢▢ CODE.START	No code	Have code start

[SEL] KEY : Select the function you want to setting, and correspond LED with start to flash. Press [SEL] key brief again, it will skip to next LED flash. If correspond LED flash over 10 seconds without [SEL] or [SET] key press, LED will stop flash and return to standby mode.

[SET] KEY: When correspond function LED flash, press [SET] key to confirm enter/toggle correspond function setting. Finish correspond function setting, it will return to standby mode or skip to next LED flash.

▶ 1. CODE.START ▢▢ (Manage transmitter code start)
The control unit can learn 200 transmitters with fixed or rolling codes. It can learn single or two transmitter commands during the program procedure. Single command that transmitter button used for motor operate with Step-by-Step mode. Two commands that transmitter first button used for motor opening, second button used for motor closing.

Erase all codes:
Press [SEL] KEY brief until CODE.START ▢▢ , press and hold [SET] key until CODE.START ▢▢ , all codes in memory will erased, erase procedure will finish.

Learn codes:
Press [SEL] key brief until CODE.START ▢▢ , press and hold the transmitter first button you want to learn, when CODE.START ▢▢ rapidly, first command learn procedure finish. Press and hold transmitter second button you want to learn, when CODE.START ■▢ , learn procedure finish and run as two commands. If second command not send within 10 seconds when CODE.START ▢▢ rapidly, learn procedure finish and run as single command. When all function LEDS flash, it means memory is full and can't learn more transmitter.

▶ **2. LAMP.CORT** ⊡ (Flash Lamp or Courtesy Light Select)
Courtesy light output mode : When every opening command is given, 230V lamp will activate for 3 minutes then off.
Flash lamp output mode : 230V lamp will activate when motor is running or pause time , else 230V lamp is off.

Press [SEL] key brief until **LAMP.CORT** ⊡ , press [SET] key brief
**LAMP.CORT** ◼☐ : 230V lamp output mode is courtesy light.
LAMP.CORT ☐☐ : 230V lamp output mode is flash lamp.

▶ **3. T.MOTOR** ⊡ (Motor Self-Learning, Max Timer 4 Minutes)
The control unit default motor operation time is 30 seconds.

Press [SEL] key brief until **T.MOTOR** ⊡ , press and hold [SET] key, motor will run opening; when total open point is reached, release [SET] key, motor will stop and **T.MOTOR** ◼☐ , self-learning timer procedure will finish.

Suggest press and hold [SET] key a little longer when total open point is reached, to avoid the rolling shutter not complete closed.

To cancel self-learning timer function, press [SEL] key brief until **T.MOTOR** ⊡ , press [SET] key less than 1 second, **T.MOTOR** ☐☐ and cancel procedure will finish.

▶ **4. T.PAUSE** ⊡ (Automatic Closure Pause Time, Max 4 Minutes)
The control unit default with automatic closure function, pause time setting is 15 seconds. .

Press [SEL] key brief until **T.PAUSE** ⊡ , press and hold [SET] key and wait for the desired pause time, then release [SET] key, the automatic closure pause time is stored and **T.PAUSE** ⊡ .

To cancel automatic closure pause time, press [SEL] key brief until **T.PAUSE** ⊡ , then press [SET] key less then 1 second, **T.PAUSE** ☐☐ and cancel procedure will finish .

SYSTEM RESET :
To restore all the default configuration , press and hold [SEL] and [SET] keys together , all function LEDS will light on then light off , system reset procedure finish .

LOW VOLTAGE INPUT DIAGNOSTICS :
The control unit have 2 LEDS near the connector of low voltage input, monitor the status of input status .
When the input close , correspond LED will light on .
When the input open , correspond LED will light off .