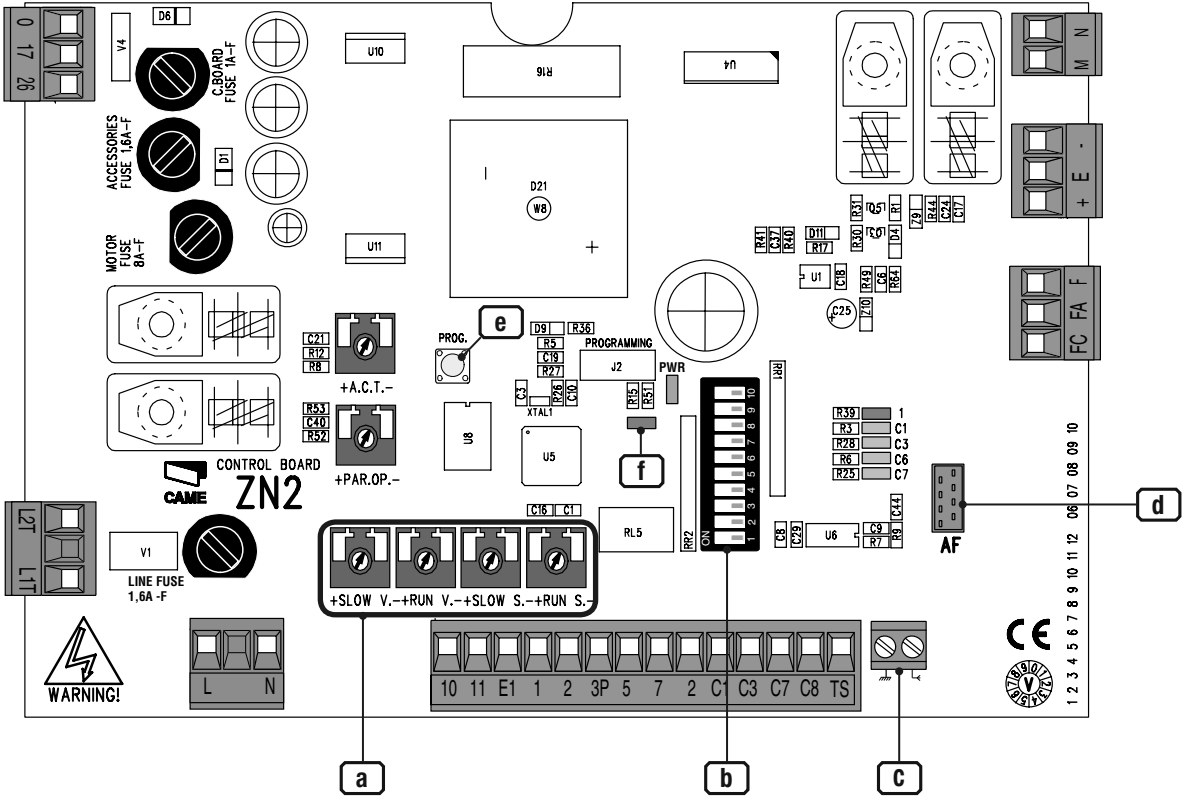
CAME
CANCELLI AUTOMATICI

CE

RICAMBI ORIGINALI - *ORIGINAL SPARE PARTS* - **PIECES DE RECHANGE ORIGINALES**
ORIGINALERSATZTEILE - **REPUESTOS ORIGINALES -** *ORIGINEEL ONDERDEEL*

SCHEDA ELETTRONICA - *CONTROL BOARD* - **CARTE ELECTRONIQUE**
STEUER PLATINE - **TARJETA ELECTRONICA -** *ELEKTRONISCHE PRINTKAART*

ZN2


CONTROL BOARD
ZN2
CAME
+A.C.T.-
+PAR.OP.-
PROG.
PROGRAMMING
PWR
AF
LINE FUSE
1,6A -F
ACCESSORIES
FUSE 1,6A-F
MOTOR
FUSE
8A-F
C.BOARD
FUSE 1A-F
+SLOW V.-+RUN V.-+SLOW S.-+RUN S.-
10 11 E1 1 2 3P 5 7 2 C1 C3 C7 C8 TS
L N
WARNING!
a
b
c
d
e
f

Electrical connections

L-N 230V (a.c.) Power, 50/60Hz frequency

10-11 Terminals for powering the following accessories:
- 24V A.C. normally;
- 24V D.C. when the emergency batteries are working;
Maximum allowed power: 37W

10-5 Open-gate status light *(contact range: 24V – 3W max)*

10-E1 Movement flashing light *(Contact range: 24V – 25W max)*

M-N 24V (d.c.) motor with Encoder

F-FA Connection limit switch opens (N.C.)

F-FC Connection limit switch closes (N.C.)

+ - White
E - Brown } Encoder
- - Green

1-2 Stop button ***(N.C. contact)***

2-3P Key selector and/or partial opening button ***(N.O. contact)***

2-7 Key selector and/or command button ***(N.O. contact)***

2-C3 *«partial stop»* ***(N.C.) contact***

2-C1 ***(N.C.) contact for*** *«re-open during closing phase»*

2-C7 *«Open while closing»****(N.C.) contact*** (Sensitive edges).

2-C8 *«close while opening»* ***(N.C.)contact*** (Sensitive edges).

Antenna connection

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Function selector b

1 ON - ***Automatic Closing*** - The automatic closing timer activates at the end of the opening gate run. The pre-set time is adjustable, and is in any case conditioned by the activation of any safety devices, and does not activate after a total safety “stop” or during a blackout.

2 ON - ***"Open-stop-close-stop"*** function with [2-7] button and radio transmitter (fitted with inserted radiofrequency card).

2 OFF - ***"Open-close"*** function with [2-7] button and radio transmitter ((fitted with inserted radiofrequency card).

3 ON - ***"Open only"*** function with radio transmitter ((fitted with inserted radiofrequency card).

4 ON - ***Pre-Opening and closing flasher*** - Following and opening and closing command, the flasher connected to [10-E1], flashes for 5 seconds before motion begins.

5 ON - ***Obstacle detected*** - When motor is stopped (gate closed or after a total stop command) it prevents any movement if safety devices, such as photocells, detect any obstacles.

6 ON - ***Maintained action*** - The gate works by keeping button pressed (one 2-3P opening button , and one closing button).

7 ON - ***Functioning of the photocells’ safety test*** - Allows the card to check the efficiency of any safety devices (i.e. photocells) after every opening or closing command.

8 OFF - ***Total stop*** - This function stops the gate and then excludes any automatic closing cycle; to set in motion again, use either the keypad or transmitter. Insert the safety device in [1-2]; If unused, set DIP switch to ON.

9 OFF - ***Opening during closing*** - If the photocells detect an obstacle during gate’s closing, gate motion is inverted until fully opened; connect the safety device to terminals [2-C1]; if unused, set DIP switch to ON.

10 OFF - ***Partial stop*** - Gate stop when obstacle is detected by the safety device; once obstacle is removed, the gate remains still or closes if automatic closing is activated. Connect the safety device to terminal [2-C3]; if unused, set the DIP switch to ON.

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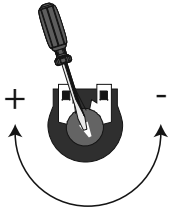
Settings a



- «***A.C.T.***» Sets the waiting time while open. Once this time has elapsed, closing automatically takes place. The waiting time may be set from 1 to 150 seconds.
- «***PAR.OP.***» Sets the gate's partial opening. By pushing the partial opening button connected at 2-3P, the gate opens depending on the length of the gate.
- «***SLOW S.***» Sets the amperometric sensitivity that controls the force generated by the motor during slow down; if the force exceed the set level, the system intervenes by inverting the direction of motion.
- «***RUN S.***» Sets the amperometric sensitivity that controls the force generated by the motor during movement; if the force exceeds the set level, the system intervenes by inverting the direction of motion.
- «***SLOW V.***» Sets the gate's final opening/closing phase slow-down speeds.
- «***RUN V.***» Sets the gate's opening/closing motion speed.

Activating the radio command

- Connect the antenna's RG58 cable to the apposite terminals C.

- Insert the radio frequency card into the electronic card d AFTER DISCONNECTING THE POWER (and disconnecting any batteries).
N.B.: the electronic card picks up the radiofrequency card on when it is running on power.

Memorisation

- Keep pressed the **PROG** e button on the electronic card. The LED will flash.
- Press the button of transmitter to memorise. The LED f will stay on to signal memorisation.

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Disposal

This product, including the packaging, is made up of several types of materials that can be recycled.

Investigate the recycling or disposal systems of the product, complying with prevailing local legislation.

Some electronic components may contain polluting substances. Do not litter .

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