



LCM/O CONTROL PANEL



English

TRF 1

P1 OPEN BREAK CLOSE
Led close
Led break
Led open

P2 WORK BREAK DELAY

P3 DIP PROGRAMMING

CN 1 Led Start Led Pedestrian Led Photocell Led Stop
START START/P PHOTO STOP
24V dc LOCK 24V 3W MAX

CN 2 FLASH OPEN CLOSED OPEN CLOSED 220V 240V 50/60 Hz 0V

F1 LINE

C1 **C2**

R13 **RL2** **RL3**

- Leaf delay in open direction
- Leaf delay in close direction
- Pre-warning lamp output selection
- Reversing stroke in open
- Centre loaded tongue type electric lock control
- Facility to open one leaf of a pair for pedestrian use
- Facility to use a hold open time clock
- Gate status indicator



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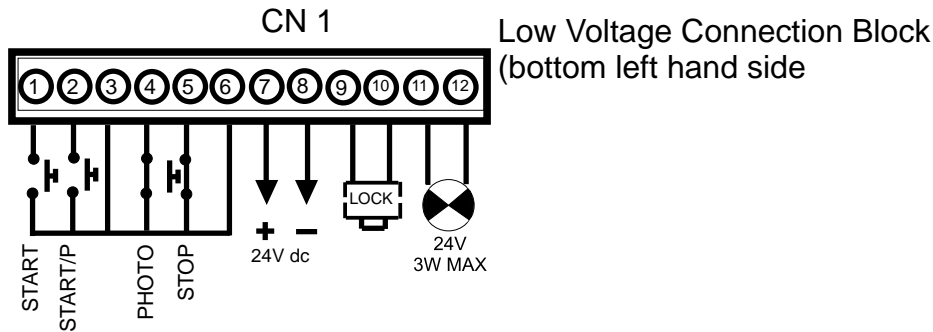


LCM/O CONTROL PANEL

GB

English

Terminals and uses



1-3 = Start (normally open contact). Impulse connection for key switch, radio receiver. An input start the programmed operating cycle. There is a delay of one second in between the acceptance of impulses. During the powering up of the C-MOS an auto re-set device lock the control identification for a minimum of 3 seconds (indicated by led5). A maintained or short circuited start input will not cause any damage but it will inhibit the acceptance of any other control inputs.

2-3 = Pedestrian start (Normally open contact). Impulse to operate one of a pair of gates for pedestrian use, I.E. leaving one leaf closed while the other opens. If a normal start impulse is given while the pedestrian function is being used the pedestrian gate stops and the two leaves open as normal.

4-6 = Photocell (Normally closed contact). Photocell "hold open security" - Only operation in the closing cycle. When re-instated a start impulse is required to re-activate the cycle.

5-6 = Stop (Normally close contact). Emergency stop function. When activated stops all functions. When re-instated a start impulse is required to re-activate the cycle.

7-8 = 24 Vac Low voltage output. The circuit board can be modified to supply 30 Vdc by fitting a diode and capacitor. Maximum current 500 ma.

9-10 = 12 Vac Electric lock output. The lock output starts one second before motor 1 is activated.

11-12 = 24 Vdc 3w max. Output for status indicator light.

Light out	:Gate closed
Light flashing	:Gate opening
Light on	:Gate open
Light flashing	:Gate closing

1-3 = 220 Vac Warning lamp connection. Intermittent output used to signal gate movement or impending movement.

5 = 220 Vac Motor output for oprn phase.

6 = Common for Motor output for open phase

7 = 220 Vac Motor output for close phase.

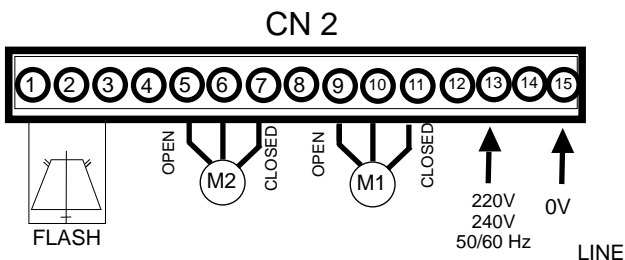
9 = 220 Vac Motor output for open phase.

10 = Common for Motor 1 (blue).

11 = 220 Vac Motor output for close phase.

15 = 0 Volts ~(Neutral)
incoming mains supply

13 = 240 Volts (LIVE)



240 Volt connection block
(bottom right hand side)

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AUTOMATION CRITERIA

Before starting to move the gate the C-MOS control makes incoming signal checks. When the stop function is activated no inputs are accepted but when a photocell is activated only closing inoputs are not accepted.

The emergency push button must be situated in an easily accessible position to comply with safety regulations (UNI 8612). When activated it instantly stops the gate's movement and cancels memory function. To re-set a cycle a start impulse is required.