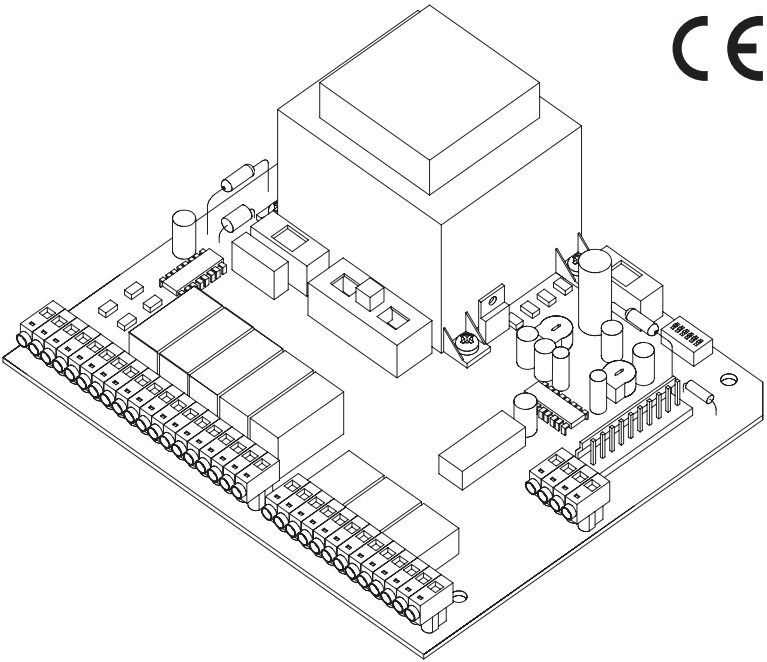
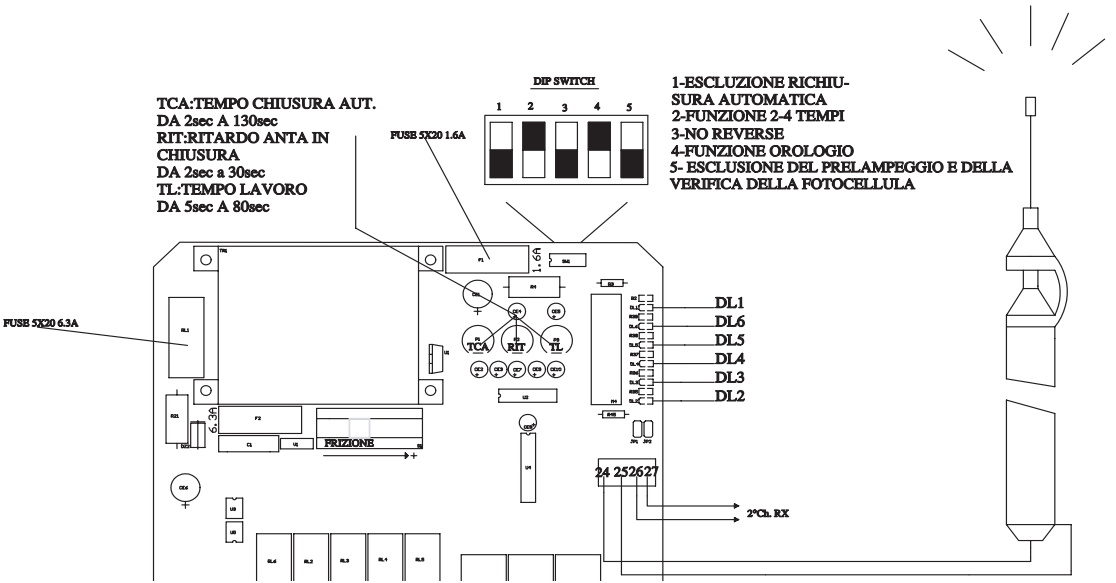
D755M

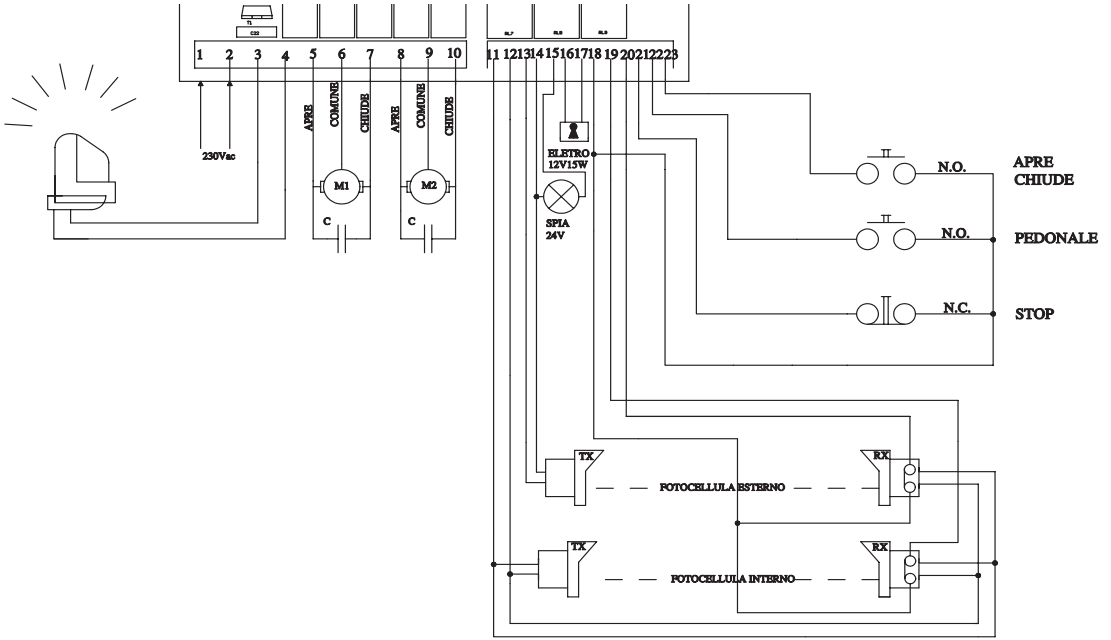
CONTROL CARD FOR TWO SINGLE-PHASE MOTORS 220/230 VAC
TARJETA DE MANDO PARA DOS MOTORES MONOFÁSICOS 220/230 VAC



INSTALLATION GUIDE

GUÍA PARA SU INSTALACIÓN


TCA:TEMPO CHIUSURA AUT.
DA 2sec A 130sec
RIT:RITARDO ANTA IN
CHIUSURA
DA 2sec a 30sec
TL:TEMPO LAVORO
DA 5sec A 80sec
DIP SWITCH
1 2 3 4 5
FUSE 5X20 1.6A
1-ESCLUZIONE RICHIU-
SURA AUTOMATICA
2-FUNZIONE 2-4 TEMPI
3-NO REVERSE
4-FUNZIONE OROLOGIO
5- ESCLUSIONE DEL PRELAMPEGGIO E DELLA
VERIFICA DELLA FOTOCELLULA
FUSE 5X20 6.3A
DL1
DL6
DL5
DL4
DL3
DL2
TCA
RIT
TL
FRIZIONE
24 252627
2°Ch. RX


1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
230Vac
APRE
COMUNE
CHIUDE
APRE
COMUNE
CHIUDE
M1
M2
C
C
ELETRO
12V15W
SPIA
24V
N.O.
APRE
CHIUDE
N.O.
PEDONALE
N.C.
STOP
TX
RX
FOTOCELLULA ESTERNO
TX
RX
FOTOCELLULA INTERNO

INSTALLATION - INSTALACIÓN

THE EQUIPMENT MUST BE CORRECTLY INSTALLED BY A QUALIFIED FITTER IN COMPLIANCE WITH ITALIAN LAW 46/90.

N.B.: the product must be properly earthed and the safety regulations in force in the country of installation must be observed.

FAILURE TO COMPLY WITH THE ABOVE INSTRUCTIONS MAY CAUSE THE EQUIPMENT TO WORK INCORRECTLY AND GIVE RISE TO DANGEROUS SITUATIONS. THE MAKER DECLINES ALL LIABILITY FOR ANY CONSEQUENTIAL MALFUNCTIONS, DAMAGE OR INJURY.

LA INSTALACIÓN DEL EQUIPO TIENE QUE SER EFECTUADA CORRECTAMENTE POR PERSONAL QUE CUMPLA CON LOS REQUISITOS DICTADOS POR LA LEY 46/90.
N.B.: recordamos que es obligatorio conectar a tierra la instalación y respetar todas las normativas de seguridad vigentes en el país de instalación.

LA INOBSERVANCIA DE LAS INSTRUCCIONES ARRIBA INDICADAS PUEDE PERJUDICAR EL CORRECTO FUNCIONAMIENTO DEL EQUIPO Y CONSTITUIR UN PELIGRO PARA LAS PERSONAS; POR CONSIGUIENTE, EL FABRICANTE NO SE CONSIDERA RESPONSABLE DE POSIBLES PROBLEMAS DE FUNCIONAMIENTO Y DAÑOS QUE DE ELLO SE DERIVEN.

English

The D755M panel features an electronic photocell control system which switches the external photocell transmitter on and off thereby causing the control unit microprocessor to check whether the relay switches correctly. If this does not happen, the control unit is automatically blocked

- MICROPROCESSOR-CONTROLLED LOGIC
- SELF-DIAGNOSIS LED's
- LINE INPUT FUSE
- BUILT-IN TORQUE LIMITING DEVICE
- ELECTRONIC STARTING CONTROL
- ELECTRONIC CONTROL OF SAFETY DEVICES
- PEDESTRIAN ENTRY FUNCTION
- BUILT-IN FLASHING LIGHT CIRCUIT
- RECEIVER BOARD CONNECTOR

TERMINAL BOARD CONNECTIONS

1 – 2 Power input 220/230 Vac 50 Hz

3 – 4 Flashing light output 230 Vac 50 W max. The signal is already modulated for direct use. Flashing frequency increases slightly during closing.

5 – 6 – 7 M1 motor output single-phase 230 Vac 300 W max.
Common = 6; opening phase = 5; closing phase = 7
Connect the capacitor between terminals 5 and 7. Motor set for pedestrian use

8 – 9 – 10 M2 motor output single-phase 230 Vac, 300 W max.
Common = 9; opening phase = 8; closing phase = 10
Connect the capacitor between terminals 8 and 10.

11 – 12 24 Vac, 10 W output for powering photocells, external receivers, etc..

13 – 14 24 Vac output for powering the external TX photocell. For checking safety systems. (only connect the external TX photocell)

14 –15 24 Vac, 3W output for gate open indicator. The indicator lights up when the gate is wide open.

16 – 17 12 Vac, 15 W output for electric lock..

18 – 19 PHOTOCELL OR SAFETY DEVICE input INSIDE the gate (Normally Closed contact); 18 = COMMON.
When these devices trigger during the opening phase, they temporarily stop the gate until the obstacle has been removed; during the closing phase they stop the gate and then totally open it again.

18 – 20 PHOTOCELL OR SAFETY DEVICE input OUTSIDE the gate (Normally Closed contact); 18 = COMMON.

Then these devices trigger during the closing phase, they stop the gate and then totally open it again.
N.B. the external photocell must always be connected (term. 13-14 power input – term. 18-20 n.c. contact) as it is used to check the safety system; without this connection, therefore, the control unit will not power the actuators. To disable the safety system check move dip switch n° 5 to OFF.

18 - 21 STOP button input (Normally Closed contact); this stops the gate. The gate opens after the following command. 18 = COMMON.

18 - 22 PEDESTRIAN pushbutton input (Normally Open contact); this is similar to the OPEN/CLOSE pushbutton, but only for the wing associated with the M1 motor which is used to control pedestrian traffic. 18 = COMMON.

18 – 23 OPEN-CLOSE pushbutton input (Normally Open contact); for operating instructions, please refer to dip-switch nos. 2 and 3 18 = COMMON

24 – 25 Aerial input, 24 SIGNAL, 25 SHIELD

26 – 27 2° RADIO CHANNEL output.

LOGIC ADJUSTMENTS (TRIMMER)

T.L. Work time adjustment from 5 to 80 seconds.
T.C.A. Automatic closing time adjustment from 2 to 130 seconds. (see dip-switch n° 1)
RIT. 2nd wing closing delay adjustment from 2 to 30 seconds.

PROGRAMMING DIP SWITCHES

N°1 **Automatic closing disable:**
OFF: automatic closing disabled
ON: automatic closing time (adjust with the T.C.A. trimmer)

N°2 **2 or 4 step operation:**
OFF: in the same conditions, the same command sequence causes the gate to OPEN– STOP – CLOSE– STOP – OPEN– STOP, etc. (step by step function)
ON: with automatic closing enabled, a sequence of open - close commands causes the gate to OPEN-CLOSE-OPEN-CLOSE, etc.

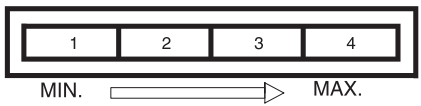
N°3 **No reverse:**
OFF: the gate ignores the close command while it is opening.
ON: the gate behaves according to the position of dip-switch n° 2

N°4 **Clock function:**
OFF: a timer can be connected to the open-close pushbutton in order to keep the gate open at certain times during the day, after which it reverts to automatic closing.
ON: the open-close pushbotton works in the standard mode.

N°5 **Pre-flashing disable:**
OFF: the light starts flashing when the automation is powered.
ON: the light starts flashing a few seconds before the automation is powered and the photocells are checked.

POWER ADJUSTMENT

Power is adjusted by means of a four-position selector ranging from 1 (minimum power) to 4 (maximum power). This selector adjusts operator force directly from the control unit.



SELF-DIAGNOSIS LED'S

The green LED's indicate the presence of normally closed contacts and are therefore always on unless there are system faults. The red LED's indicate normally open contacts and therefore only light up when they are used (except for LED 1 which indicates that the system is powered).

LED	DL1red = indicates the board is powered
LED	DL2red = indicates the OPEN – CLOSE command is working
LED	DL3red = indicates the PEDESTRIAN command is working
LED	DL4green = indicates the STOP command is working
LED	DL5green = indicates the external photocell input is working
LED	DL6green = indicates the internal photocell input is working