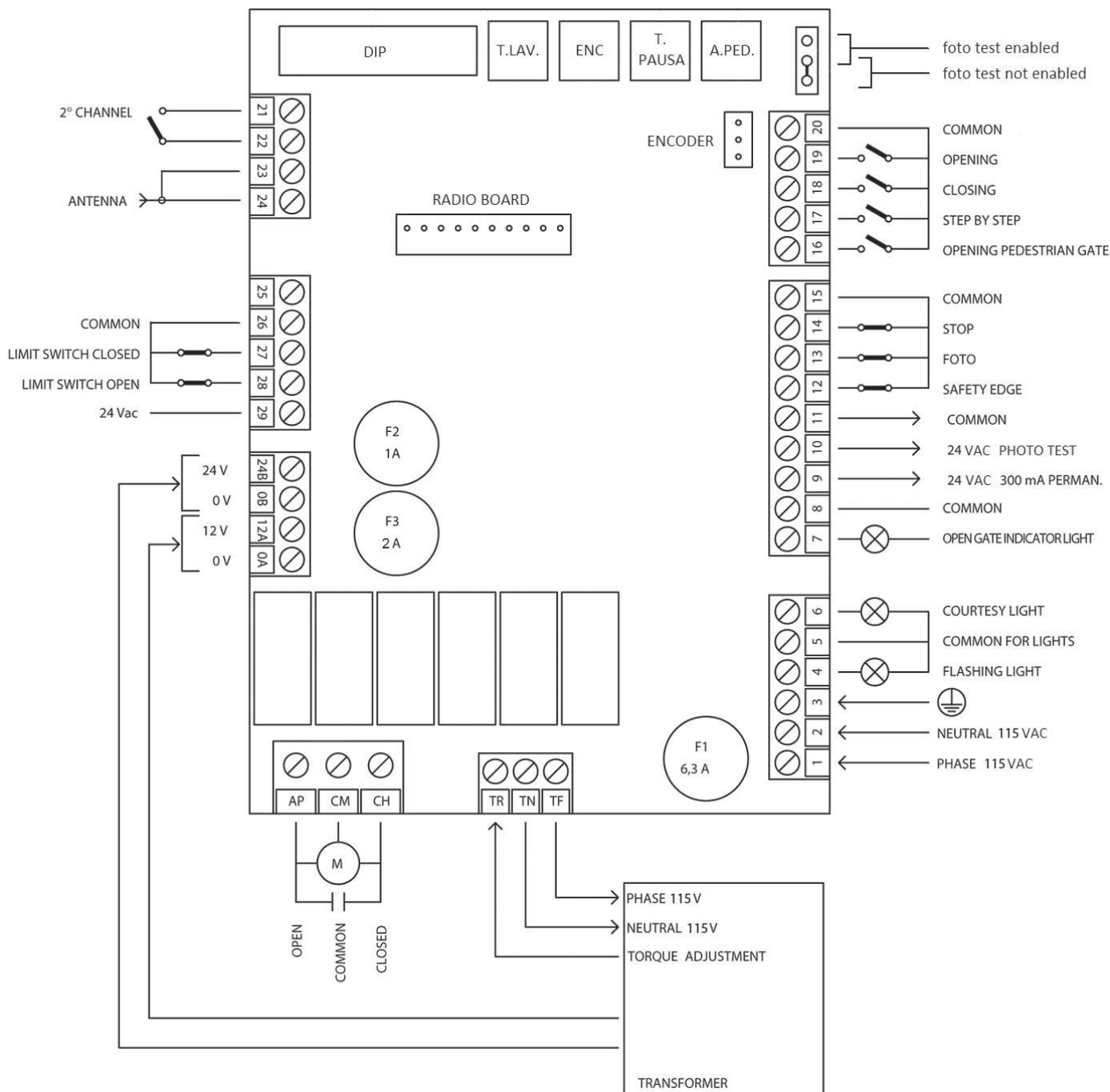


TECHNICAL DATA

R70/1115AC

POWER SUPPLY	115 Vac +/- 10% 50/60 Hz
NUMBER OF ACTIVATED MOTORS	1 asynchronous single-phase
MAXIMUM MOTOR POWER	400 W 115 Vac
MAXIMUM POWER FOR FLASHING LIGHT	40 W 115 Vac
MAXIMUM POWER FOR COURTESY LIGHT	100 W 115 Vac
MAXIMUM POWER FOR OPEN GATE INDICATOR LIGHT	2 W 24 Vac
MAXIMUM POWER FOR ACCESSORIES OUTPUT	300 mA 24 Vac
WORKING TEMPERATURE	-10°C +55°C
TORQUE ADJUSTMENT	with autotransformer on 4 positions
OPERATING TIME	adjustable from 2 to 60 seconds, extendable up to 120
PAUSE TIME	adjustable from 0 to 90 seconds
ENCODER SETTINGS	with encoder control
PEDESTRIAN GATE OPENING TIME	adjustable from 2 to 60 seconds, extendable up to 120



CONNECTIONS TO THE TERMINAL BLOCK

1-2-3 F-N-Terra	INPUT Board power supply 115Vac 50/60Hz.
4-5 LAM-CLU	OUTPUT Flashing light (115Vac 40Wmax). Fixed voltage 115Vac for motor operating time
6-5 COR-CLU	OUTPUT Courtesy light (115Vac 100Wmax). Fixed voltage 115Vac for motor operating time
7-8 SC-COM	OUTPUT Open gate indicator light (24Vac 2Wmax). Always ON during the opening, pause and closing cycle; OFF when the gate is closed.
9-8 24Vac-COM	OUTPUT Accessories power supply (24 Vac 300mAmax).
10-8 TST-COM	OUTPUT (24 Vac 300mAmax). Use this to power the photocells when the TEST function is enabled.
12-11 COS-COM	INPUT (NC) Safety edge . During opening it generates a closing movement for approx. 3 sec. followed by a stop. During closing it generates an opening movement for approx. 3 sec followed by a stop.
13-11 Foto-COM	INPUT (NC) Photocell . During the opening is ignored, during the closing inverts the movement without remove the obstacle
14-15 ST-COM	INPUT (NC) Stop . It generates the immediate stopping of movement in any position.
16-20 PED-COM	INPUT (NO) Pedestrian opening . The time of operation for opening is set by the trimmer A.PED
17-20 PP-COM	INPUT (NO) Step-by-step . Operating sequence: open-stop-close-stop...after the control unit is switched on, the first command is Open.
18-20 CH-COM	INPUT (NO) Close
19-20 AP-COM	INPUT(NO) Open
21-22 2° CH	OUTPUT Radio board 2nd channel
23-24 CALZA-CENT	INPUT Antenna for radio board.
27-26 FCC-COM	INPUT (NC) Motor limit switch CLOSE
28-26 FCA-COM	INPUT (NC) Motor limit switch OPEN
0B-24B/0A-12A	INPUT Voltages from transformer
TR-TN-TF	OUTPUT Autotransformer power supply
AP-CM-CH	OUTPUT Motor (single-phase asynchronous 115Vac 400Wmax).

ADJUSTMENTS

TRIMMER T. LAV.	To set the operating time from a minimum of 2 seconds to a maximum of 60 seconds; it is possible to double the operating time (dip N° 6 a ON).
TRIMMER T.PAUSA	To set the pause time from a minimum of 0 seconds up to a maximum of 90 seconds and it is on only if automatic reclosing is set (dip N° 1 a ON).
TRIMMER A.PED	To set the pedestrian opening, from a minimum of 2 sec. up to a maximum of 60 sec.
TRIMMER ENC	To set the anti-crushing sensibility.

ADJUSTMENT OF THE TORQUE

Adjustment of the torque through selectable four-setting autotransformer (1 = minimum ... 4 = maximum)

DIP-SWITCHES SELECTIONS

DIP SWITCH N° 1 ON:	Enables automatic closing. After a complete opening cycle, when the PAUSE TIME set by the trimmer has elapsed, the gate closes automatically.
DIP SWITCH N° 2 ON:	Closing after a blackout. After a blackout, the control unit automatically carries out the closing cycle.
DIP SWITCH N° 3 ON:	Enables pre-flashing. The flashing light is activated 4 sec. before to the start of movement.
DIP SWITCH N° 4 ON:	Enables a longer courtesy light. The courtesy light output remains active for another 60 sec. after the end of movement.
DIP SWITCH N° 5 ON:	Enables the release thrust. When the gate is fully closed, an open or step-by-step command generates an initial closing movement of the gates before opening starts. This helps release the electric lock.
DIP SWITCH N° 6 ON:	Enables doubling of the operating time.
DIP SWITCH N° 7 ON:	The step-by-step command becomes condominium. The step-by-step command usually generates an opening.
DIP SWITCH N° 8 ON:	Enables DEADMAN operation. The OPEN or the CLOSED key must be pressed continuously to carry out the movement.
DIP SWITCH N° 9 ON:	When the gate is open, it closes after 6 sec. passing in front of FOTO. Passing in front of FOTO generates reclosing of the gate after 6 sec. with or without automatic closing enabled.
DIP SWITCH N°10 ON:	When the gate is closed, it allows an opening even if the photocell is darkened.
DIP SWITCH N°11 ON:	Change of operation of FOTO. Interruption of the beam during OPENING is ignored. Interruption of the beam during CLOSING generates a temporary stop until the beam is restored, and then opens.
DIP SWITCH N°12 ON:	Activation of the BRAKE function. When the gate achieves the limit switch, it will be on the brake function

OPERATION SELECTOR TST: TEST FOTO ENABLED

The FOTO test checks that the photocell is working properly before every opening cycle. The photocells must be connected to terminal No. 10 **TST**.