



FAAC para la naturaleza
100% papel reciclado



FAAC ist umweltfreundlich
100% Altpapier



FAAC pour la nature
papier recycle 100%



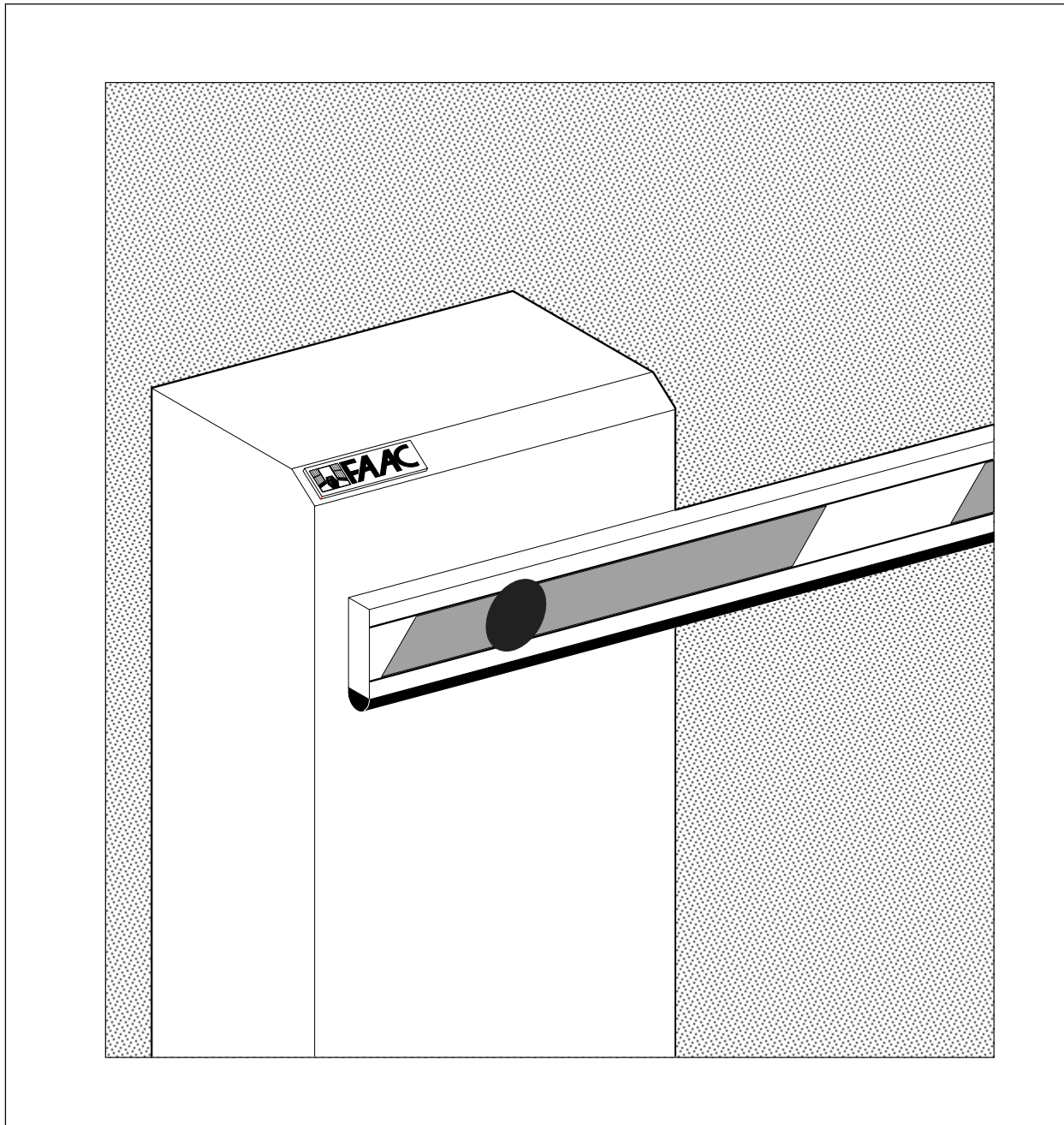
FAAC for nature
recycled paper 100%



FAAC per la natura
carta riciclata 100%



620 SR & 625 MPS



FAAC



Table 4 Operation of Status LEDs

LED	ON (contact closed)	OFF (contact open)
FCC	closing limit switch not engaged	closing limit switch engaged
FCA	opening limit switch not engaged	opening limit switch engaged
OPEN	activated	deactivated
CLOSED/FSW	activated (*)/saf. disengaged (**)	deactivated (*)/saf. engaged (**)
STOP	deactivated	activated
ALARM	panic contact deactivated	panic contact activated

(*) P logic operation

(**) A / E logic operation

625 MPS CONTROL UNIT

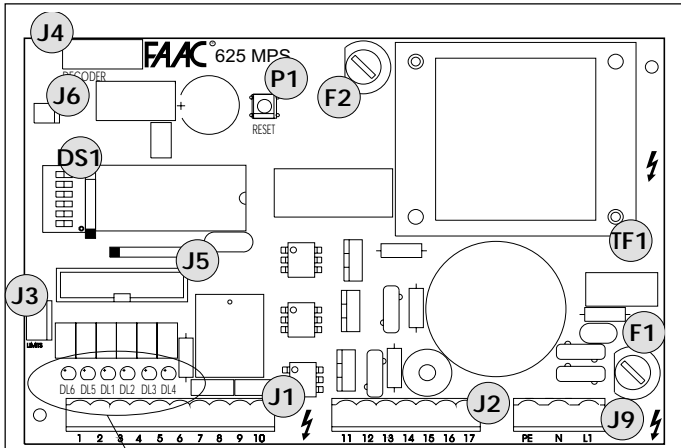
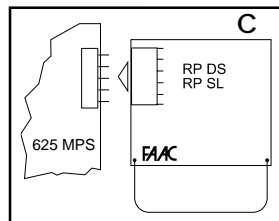
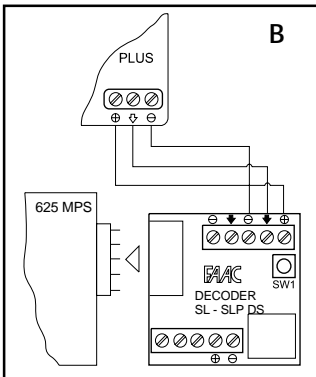
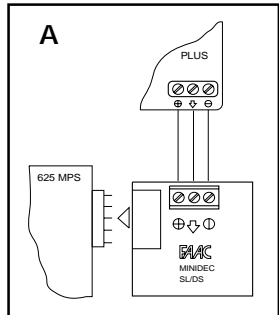


Fig. 15

- DL6 DL5 DL1 DL2 DL3 DL4
- TF1 TRANSFORMER
- J1 REMOVABLE LOW-VOLTAGE TERMINAL STRIP
- J2 REMOVABLE POWER TERMINAL STRIP
- J3 LIMITSWITCH CONNECTOR
- J4 DECODER CONNECTOR
- J5 CONNECTOR FOR FSW, SLAVE, RELAY BOARDS
- J6 CONNECTOR FOR NTC PROBE
- J9 REMOVABLE MAINS POWER TERMINAL STRIP
- P1 RESET PUSHBUTTON
- F1 F5A FUSE (MOTOR)
- F2 T1.6A FUSE (ACCESSORIES)
- DS1 PROGRAMMING MICROSWITCHES
- DL1 OPEN IMPULSE LED (A/E/P LOG.)
- DL2 CLOSE IMPULSE LED (P LOG.) SAFETY CONTACT (A LOG.)
- DL3 STOP IMPULSE LED
- DL4 ALARM LED (PANIC)
- DL5 OPENING LIMIT SWITCH LED
- DL6 CLOSING LIMIT SWITCH LED

5.2. CONNECTING RADIO RECEIVERS

Use quick connector J4 to insert one of the decoder or receiver cards RP shown in boxes A - B - C. Fit it with the components oriented towards the centre of the 625 MPS card.



A / E LOGICS CONNECTIONS

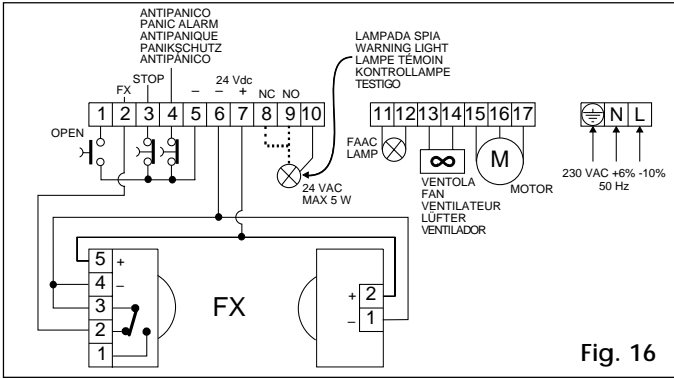


Fig. 16

P LOGIC CONNECTIONS

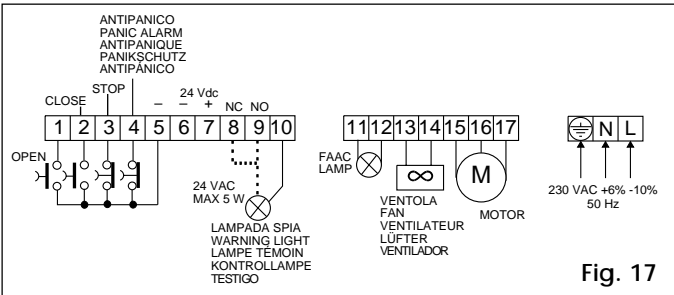


Fig. 17

5.3. DESCRIPTION OF TERMINAL STRIP

OPEN

This means any activating device with normally open contact, whose activation causes the beam to perform an opening movement. In automatic and semi-automatic logics, it controls both opening and closing movements.

CLOSE

This means any activating device with normally open contact, whose activation causes the beam to perform a closing movement. (Present only in P logic).

STOP

This means all devices with normally closed contact, which when activated stop movement of the barrier until a subsequent Open pulse is sent.

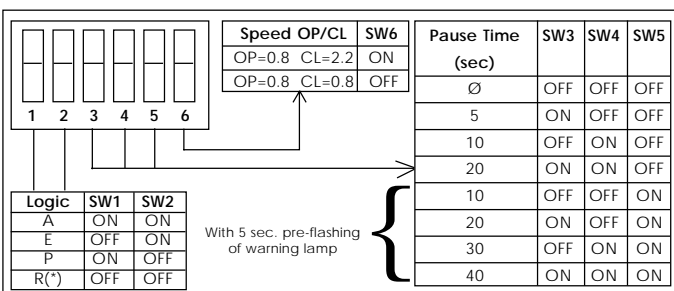
SAFETY

This means all devices (photocells, sensitive pneumatic safety edges, magnetic coils) with normally closed contact, which interrupt the movement of the beam whenever there is an obstacle within their range.

PANIC

This means an activating device with normally closed contact, which is activated in an emergency and causes the beam to open, suspending its current status until the RESET pushbutton is pressed.

5.4. PROGRAMMING THE MICROSWITCHES



NOTE: To obtain a duty cycle of 100%, dip switch no. 6 must be positioned as shown in Table 5.

Table 5

BARRIER MODEL	SW6
620 SR 0.8 - 2.2	ON
620 SR 0.8 - 0.8	OFF

NOTE: WHENEVER YOU CHANGE THE MICROSWITCH PROGRAMMING, PRESS THE RESET PUSHBUTTON AFTERWARDS.

(*) **IMPORTANT!** The R logic (remote) must be selected only if there are two opposing barriers working simultaneously. (See paragraph "624 SLAVE CARD", below.)

OPERATION OF SAFETY DEVICES

In the A or E logics, it is possible to obtain two different types of safety device operation, depending on the pause times that are selected:

- PAUSE TIMES WITH LAMP PRE-FLASHING (10-20-30-40 sec): the closing movement is stopped, then reversed on disengagement.
- PAUSE TIMES WITHOUT LAMP PRE-FLASHING: (0-5-10-20 sec): the closing movement is reversed at once.

ALARM CONDITION

It occurs in the following cases:

- 1) Enabling of panic input.
- 2) Activation of safety TIME-OUT device, which interrupts the operation of the system when operating time exceeds 30 sec.
- 3) Simultaneous triggering of the two limit switches.
- 4) Microprocessor reading anomaly (syncro).
The alarm condition is indicated by the quick flashing (0.25 sec) of the warning light (if connected).
In this condition, all the functions of the system are disabled. Normal operation is restored only after the cause of the alarm has been eliminated and the RESET pushbutton has been pressed.

OPERATION WITH THE DIFFERENT CONTROL LOGICS

Table 6 A Logic (AUTOMATIC)

impulse / beam status	OPEN	STOP	SAFETY	PANIC
closed	opens, recloses after pause time	no effect	no effect	Beam opens and/or remains open. Alarm condition is activated (see relevant paragraph)
open in pause	recloses at once (*)	stops counting	freezes pause time up to disengagement	
closing	reverses movement	stops	see relevant paragraph	
opening	no effect	stops	no effect	
stopped	recloses at once (*)	no effect	no effect	

Table 7 E Logic (SEMI-AUTOMATIC)

impulse / beam status	OPEN	STOP	SAFETY	PANIC
closed	opens	no effect	no effect	Beam opens and/or remains open. Alarm condition is activated (see relevant paragraph)
open	recloses (*)	stops	no effect	
closing	reverses movement	stops	see relevant paragraph	
opening	stops	stops	no effect	
stopped	recloses (*)	no effect	no effect	

(*) If pre-flashing has been selected, the barrier closes after 5 sec.

ENGLISH

Table 8 P Logic (PARKING)

(this logic does not allow pre-flashing)

impulse beam status	OPEN	CLOSED	STOP	PANIC
closed	opens	no effect	no effect	Beam opens and/ or remains open. Alarm condition is activated (see relevant paragraph)
open	no effect	recloses	no effect	
closing	reverses movement	no effect	stops movement	
opening	no effect	opens, recloses at once	stops movement	
stopped	opens	recloses	no effect	

Table 9 Operation of Warning Light

BEAM STATUS	N.O. CONTACT (*)	N.C. CONTACT (**)
closed	off	on
opening or open	on	off
pre-flashing (if selected) and/or closing	flashing	

(*) Warning light connected between terminals 8 and 10

(**) Warning light connected between terminals 9 and 10