

## CONTROL UNIT 624 BLD

### 1. WARNINGS

- Attention: Before attempting any work on the control unit (connections, maintenance), always turn off power.
- Install, upstream of the system, a differential thermal breaker with adequate tripping threshold.
  - Connect the earth cable to the terminal on the J9 connector of the unit (see fig.2).
  - Always separate power cables from control and safety cables (push-button, receiver, photocells, etc.). To avoid any electrical noise, use separate sheaths or a screened cable (with the screen earthed).

### 2. TECHNICAL SPECIFICATIONS

Power supply voltage *	230 V~ (+6% -10%) - 50/60 Hz or 115 V~ (+6% -10%) - 50/60 Hz
Absorbed power	7 W
Motor max. load	1000 W
Power supply for accessories	24 Vdc
Accessories max. current	500 mA
Operating ambient temperature	from -20°C to +55°C
Protection fuses *	F1 = F 10A - 250V F2 = T 0,8A - 250V or F1 = F 20A - 120V F2 = T 0,8A - 120V
Work time	Programmable (from 0 to 4 minutes)
Pause time	Programmable (from 0 to 4 minutes)
Motor power	Programmable on 50 levels
Programming	3 programming levels for greater flexibility of use
Rapid connector	Coupling for 5-pin Minidec board, Decoder, Receiver RP/RP2
Programmable outputs	4 programmable outputs in 18 different functions
Features	Management of slow-downs, multifunction display, BUS technology and INTEGRATED METALLIC MASS DETECTOR

\* The power supply voltage and fuses depend on the version purchased:

	230 V~	115 V~
<b>BARRIER</b>	F1 = F 5A F2 = T 0,8A	F1 = F 10A F2 = T 0,8A
<b>BOLLARD</b>	F1 = F 10A F2 = T 0,8A	/

### 3. LAYOUT AND COMPONENTS OF 624BLD

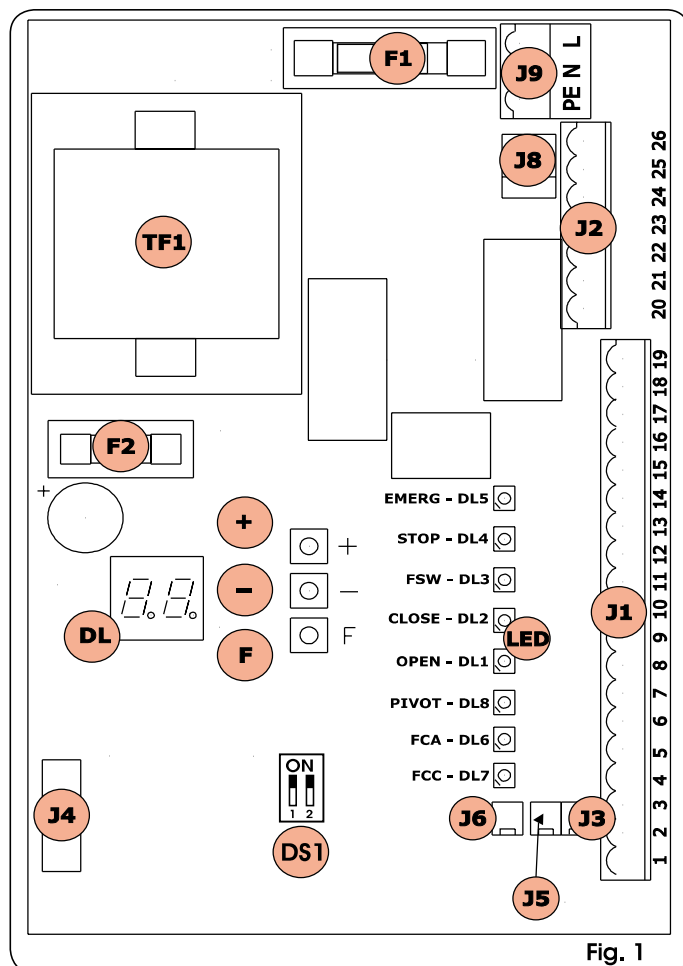


Fig. 1

#### 3.1 DESCRIPTION OF COMPONENTS

<b>DL</b>	SIGNALS AND PROGRAMMING DISPLAY
<b>LED</b>	INPUT STATUS CONTROL LEDs
<b>J1</b>	LOW-VOLTAGE TERMINAL BOARD
<b>J2</b>	TERMINAL BOARD FOR CONNECTION OF MOTOR, FLASHING LAMP AND FAN
<b>J3</b>	OPENING LIMIT-SWITCH CONNECTOR
<b>J4</b>	CONNECTOR FOR DECODER MINIDEC / RP RECEIVER
<b>J5</b>	CLOSING LIMIT-SWITCH CONNECTOR
<b>J6</b>	CONNECTOR FOR ROD BREAKING SENSOR
<b>J8</b>	CONNECTOR FOR MOTOR THRUST CAPACITOR
<b>J9</b>	TERMINAL-BOARD FOR 230 VAC POWER SUPPLY
<b>DS1</b>	LOOP 1 and LOOP 2 FREQUENCIES SELECTOR
<b>F1</b>	FUSE FOR MOTORS AND TRANSFORMER PRIMARY WINDING (F 5A)
<b>F2</b>	FUSE FOR LOW VOLTAGE AND ACCESSORIES (T 800mA)
<b>F</b>	PROGRAMMING PUSH-BUTTON "F"
<b>+</b>	PROGRAMMING PUSH-BUTTON "+"
<b>-</b>	PROGRAMMING PUSH-BUTTON "-"
<b>TF1</b>	TRANSFORMER