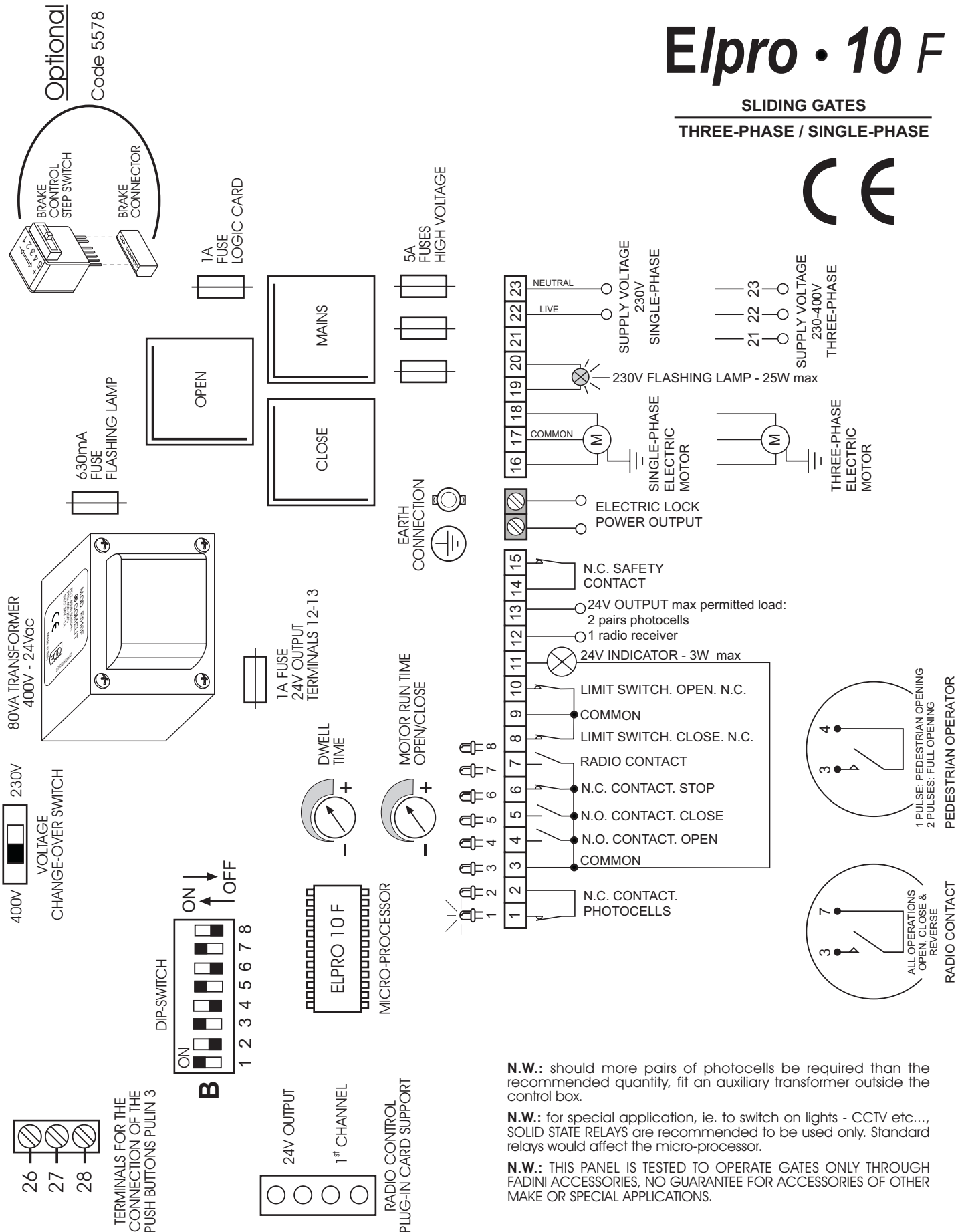


# Elpro • 10 F

SLIDING GATES  
THREE-PHASE / SINGLE-PHASE



**N.W.:** should more pairs of photocells be required than the recommended quantity, fit an auxiliary transformer outside the control box.

**N.W.:** for special application, ie. to switch on lights - CCTV etc..., SOLID STATE RELAYS are recommended to be used only. Standard relays would affect the micro-processor.

**N.W.:** THIS PANEL IS TESTED TO OPERATE GATES ONLY THROUGH FADINI ACCESSORIES, NO GUARANTEE FOR ACCESSORIES OF OTHER MAKE OR SPECIAL APPLICATIONS.



Drwg. No. 3339

ELECTRONIC PROGRAMMER  
FOR SLIDING GATES. PEDESTRIAN OPENING.  
HOLD ON SWITCHED CONTROL AND  
ELECTRONIC BRAKE.



# Elpro • 10 F

## FUNCTIONS OF THE ELECTRONIC PROGRAMMER FOR SLIDING GATES

All the electrical connections are to be made as per the following instructions and diagrams. Supply the terminals 21-22-23 with 230/400 V / 50 Hz, three-phase voltage. The "red led" No.1 switches on and stays on as long as the board is properly supplied. Set the timer "MOTOR RUN. OPEN & CLOSE" so that the running time of the motor is longer than the actual travel of the gate. Set the timer "DWEELL" - i.e. the interval between open and re-close- so that you can meet the required interval of time.

**LOGIC OF THE ELECTRONIC PROGRAMMER:** when a pulse is given, the flashing light switches on. After three seconds the motor starts. During the interval before re-closing, the light stays on. When the gate has fully re-closed, the light keeps on flashing for three more seconds and the switches off automatically. The 3 second interval (pre-flashing) which precedes the actual start of the motor can be eliminated by means of the DIP-SWITCH "B" No. 4.

LED No. 1: It switches on when voltage is supplied.

LED No. 2: "Photocells". Normally on. It switches off when the photocells are obstructed.

LED No. 3: "Open". It switches on when the respective switch is activated.

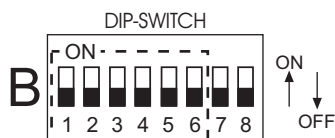
LED No. 4: "Close". It switches on when the respective switch is activated.

LED No. 5: "Stop". Normally on. It switches off when the respective switch is activated.

LED No. 6: "Radio". It switches on whenever a pulse is given, either through remote control, keyswitch or push buttons.

LED No. 7: "Limit switch. Close". It switches off when the gate is fully closed.

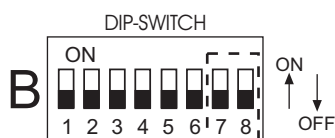
LED No. 8: "Limit switch. Open". It switches off when the gate is fully open.



### GENERAL DIAGRAM. DIP-switches No. 1 - 2 - 3 - 4 - 5 - 6

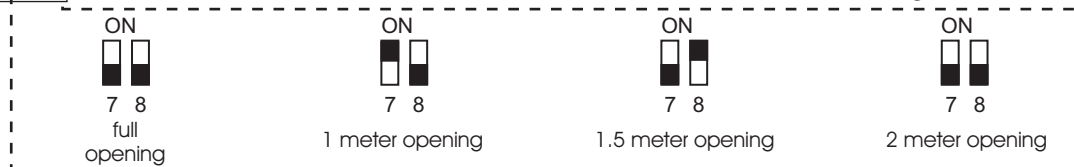
- No. 1 ON = PHOTOCELLS. STOP DURING "OPEN" CYCLE
- No. 1 OFF = PHOTOCELLS. NO STOP DURING "OPEN" CYCLE. REVERSE ON CLOSING.
- No. 2 ON = REMOTE CONTROL. NO REVERSE TRAVEL ON OPENING
- No. 2 OFF = REMOTE CONTROL. REVERSE TRAVEL
- No. 3 ON = AUTOMATIC RE-CLOSING
- No. 3 OFF = NO AUTOMATIC RE-CLOSING
- No. 4 ON = PRE-FLASHING
- No. 4 OFF = NO PRE-FLASHING
- No. 5 ON = REMOTE CONTROL. STEP BY STEP. STOP IN BETWEEN
- No. 5 OFF = REMOTE CONTROL. GATE CAN BE REVERSED WHILE TRAVELLING
- No. 6 ON = "DEADMAN CONTROL" (HOLD-ON SWITCHED). SET No.3 TO OFF
- No. 6 OFF = OUT OF SERVICE. NORMAL OPERATING MODE

"HOLD ON SWITCHED CONTROL": any open or close operations require that the respective switch button or key is hold on pressed or turned until the end of the operation.



### SETTING FOR PARTIAL PEDESTRIAN OPENING. Dip-switches No. 7 - 8

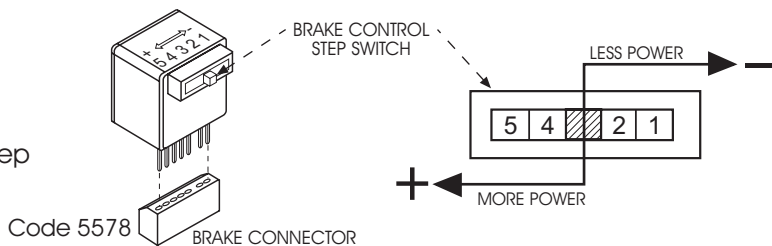
A first "OPEN" pulse to terminal No.4 opens the gate to the distance set through the switches 7 - 8 as explained below; a second pulse opens the gate full travel.



### ELECTRONIC BRAKE TO FIT ELPRO 10 F PROGRAMMER

#### - BRAKE FORCE ADJUSTMENT.

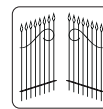
Force can be adjusted by means of a step switch from one to five steps. (Optional)



**meccanica FADINI**

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**FADINI**  
the gate opener  
Made in Italy

Drwg. No. 3339