

**TECHNICAL SPECIFICATIONS:**

1° - Keypad container. Pressure cast aluminium, gray in colour

2° - P/C board container. ABS material, weather-proof, self-extinguishing

- Quality Approved Relays
- Keypad made of thermopolymers
- Weather-proof
- Digital encoding. Operating pulses via cable
- European Safety Standards
- Working Temperature
- Supply Voltage
- Absorbed Power
- Contact Current-Carrying Capacity
- No. of units which can be parallel connected
- Connection cable P/C Board and Keypad
- Recommended distance from P/C Board to keypad

Weight 200 g.

IP 44

VDE-5KY- 

Flexible

IP 55

1 M. Combi.

EEC 24

-20°C +70°C

24 V AC

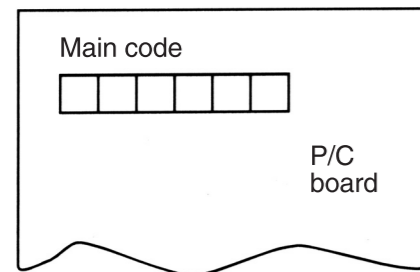
3 VA

24 VDC - 120 VAC/10 A

2

3 x 0.5 mm<sup>2</sup> minimum

50 m



The new EDI 60 consists of two distinct units:

- The Keypad with 12 keys
- The P/C board

The connection between the keypad and the P/C board is made by means of a 3 wire cable. Two keypads can be parallel connected to one P/C board.

The terminals in the P/C board provide two relay connections as follows:

Terminals 5-6 (N.O. contact) to OPEN/CLOSE the gate whenever the access code "A" is dialled.

Terminals 3-4 (N.C. contact) to STOP the gate whenever the STOP button is pressed.

The keypad has 12 keys. 10 keys for the number 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, one key is "E" (ENTER) and one key is STOP. "E" (ENTER) is to be pressed whenever a data entry is to be stored in the memory of the unit.

The LED on the keypad will switch on GREEN when any one key is pressed down, it will switch on RED during the encoding operations and will flash on and off twice for wrong dialling.

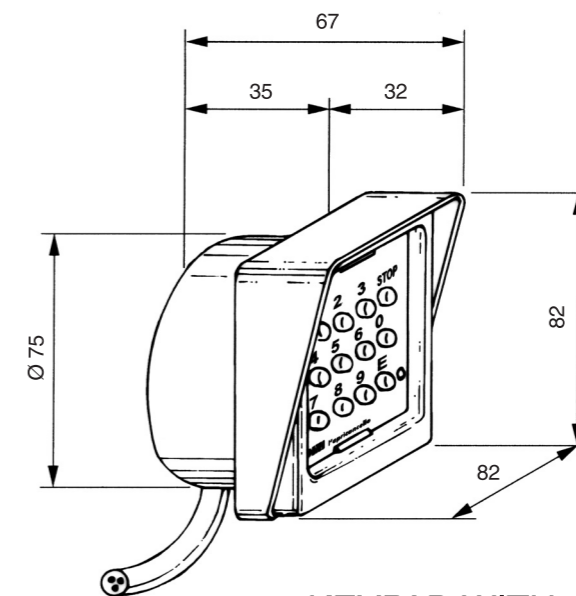
Correct dialling is confirming by a tone.

One million different code combinations are possible.

Each P/C board has a code printed on the top of it (it cannot be changed or varied). The factory code (from now on referred to as main code) is the first entry to be stored. After this operation you can proceed to encode "A" (the desired code. From now on referred to as access code).

Encoding operations:

- 1) Before connecting the P/C board to the 24 V output, set DIP-switch 1 to ON and DIP-switch 2 to OFF.
- 2) Connect to the 24 V AC output.
- 3) The LEDs on the keypad and the P/C board will switch on RED.
- 4) Dial the main code (the one written on the top of the P/C board) and press "E" (ENTER).
- 5) Correct dialling of the above code is confirmed by the LED staying on.
- 6) Press "0" (zero) and then "E".
- 7) Dial the access code "A", which is to consist of 1 up to 6 digits maximum, then press "E" again.
- 8) The LED will switch off. Set DIP-switch 1 back to OFF.



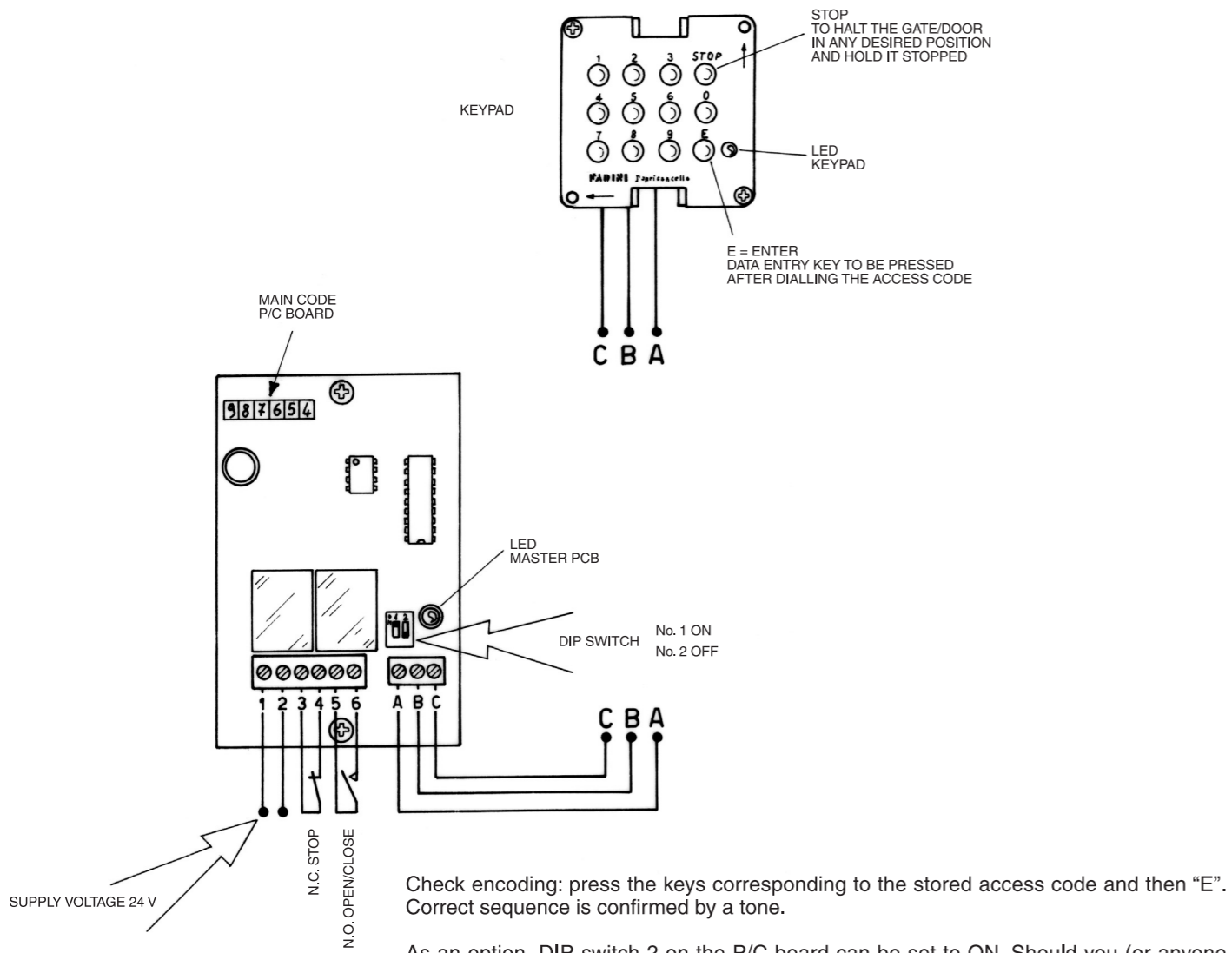
KEYPAD WITH 12 KEYS

EXAMPLE: Main code (on the top of the P/C board) 987654  
 Access code (6 digits max.) 137503

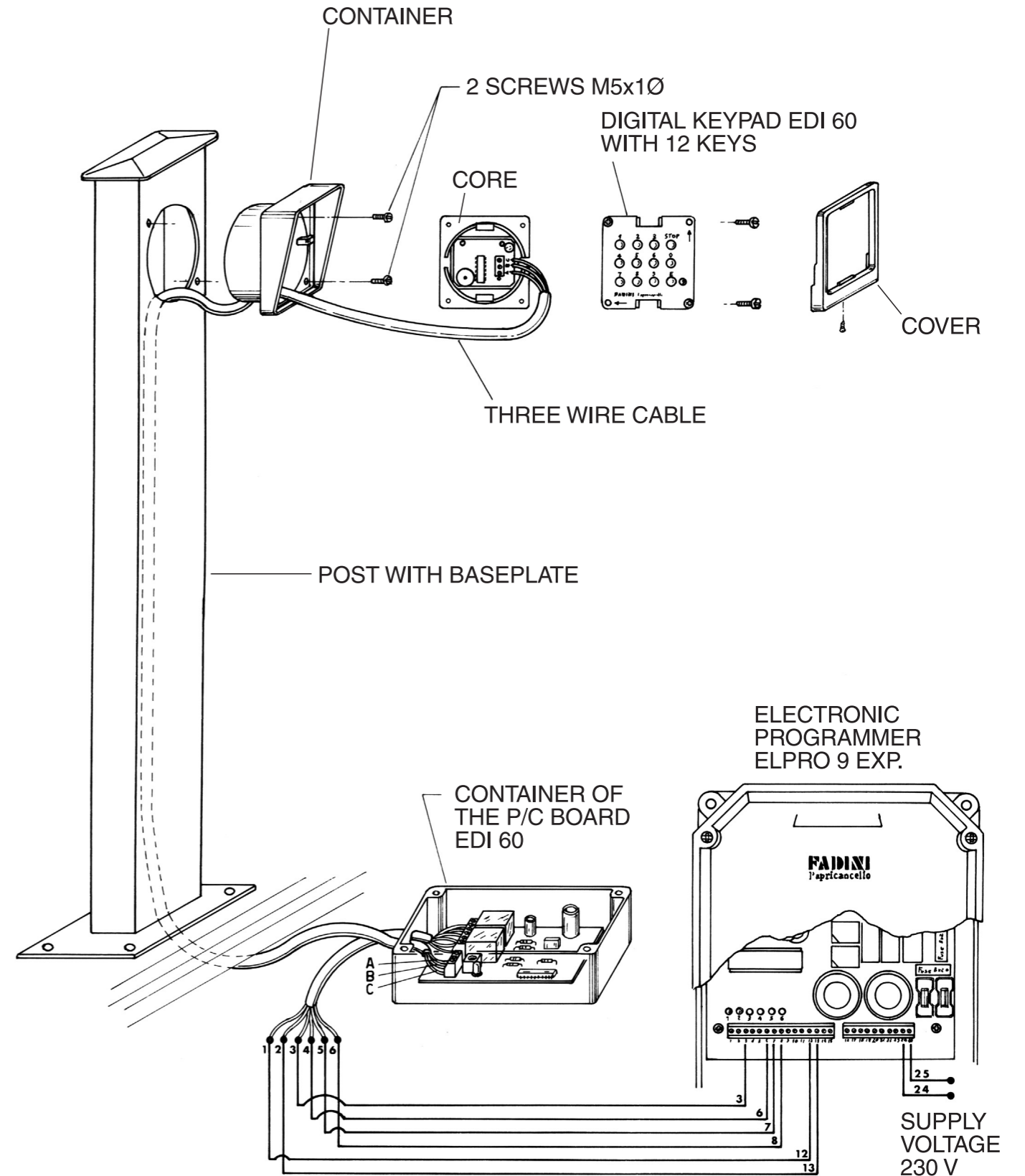
Sequence of keys to be pressed: 987654 E 0 E 137503 E  
 Now the access code is in the memory of the unit. To operate the gate/door dial the already stored access code and press "E". Eg: 137503 E  
 You will hear a tone.  
 The following will explain how to change the access code. The user can do this operation only if he/she knows the main code. The sequence of operations is the following:

- 1) Dial the main code and press "E". The LED will switch on RED.
- 2) Dial the previously stored access code and press "E".
- 3) Dial the new access code, (maximum 6 digits) and press "E". The red LED will switch off.

EXAMPLES: Main code 987654  
 Previously stored Access Code 137503 (to be changed into)  
 New access code 2341  
 Press the keys in this sequence: 987654 E 137503 E 2341 E



NOTE: The time between pressing one key and the next one is 10 seconds maximum. Longer time will result into cancelling the encoding/dialling operation.



LAYOUT AND CONNECTION DIAGRAM