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PROMI E

100 Pin codes

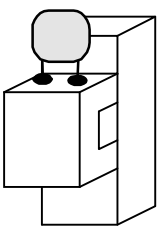
WIRING DIAGRAM AMD INSTRUCTIONS

I. PRESENTATION

A. Features

Input voltage 12v AC/DC
12-digit keypad
EPROM memory storage
100 Pin codes, 3 to 8-digit Pin code
1 relay output N/O and N/C contact 3A/125V~
3 to 8-digit master code
Audible and visual signal indication
1 request-to-exit input

This device comes with a varistor.
The varistor must be connected to the strike terminal (electromagnet…) operated by the device.
If this product works with many strikes, each of them should have a varistor.
The varistor controls the overload produced by the strike coil – emf.



If you are using a « Shear Lock » electromagnetic lock, it is recommended to use a separate power supply than the one connected to the **PROMI/ECO** !

B. Factory default values

Key-in keypad time: 10 seconds.
Door release time: 1 second
Programming time: 2 minutes
5-digit Pin code and master code: 12345

C. Audible signals

1 short beep	Press a digit keypad
1 long beep	Data validated in programming or access granted
2 short beeps	Entry or exit from programming
4 short beeps	Data computing error

D. Visual signals

LED colour	Normal operating	programming
Flashing orange	Stand-by	Data computing error
Orange		Programming menu
Green	Access granted	User number empty
Red		User number busy

E. Consumption

In stand-by: 4 mA In use: 15 mA max

II. PROGRAMMING

A. Time outputs

Enter the master code twice (for the first use the master code default value is 12345). The orange LED lights and two beeps sound to confirm entry into programming mode.

Press ✱0 then enter the 'key in' time in seconds: 10 for 10 seconds up to 99 for 99 seconds. The LED lights off during 1 second and a beep will sound to confirm that the time has been accepted.

Press ✱1, then enter the door release time in seconds: 01 for 1 second up to 99 for 99 seconds. Enter 00 for a latched output. The LED lights off for 1 second and a beep will sound to confirm that the time has been accepted.

Press # to exit from programming mode. 2 beeps confirm that unit is back to reading mode.

4 beeps indicate a data computing error.

B. Code length

Enter the master code twice (for the first use the master code default value is 12345). The orange LED and two beeps sound to confirm entry in the programming mode.

Press ✱2 to program the code length then enter 3, 4, 5, 6, 7 or 8 The LED lights off for 1 second and a beep sound to confirm that the new code length has been accepted.

IMPORTANT: When the code length has been modified, the Master code should be reprogrammed, in the new code format, also while in programming.

If you omit to reprogram the Master code in the new length format then the default master code value will be modified a follow:

Code length changed to 4-digit code then the master code 2345
Code length changed to 6-digit code then the master code 012345

Press # to exit from programming mode 2 beeps confirm that you went back to the reading mode.

4 beeps indicate a data computing error.

C. Master code

Enter the master code twice (for the first use the master code default value is 12345). The orange LED and two beeps sound to confirm entry in the programming mode.

Press ∗3 then enter the 3, 4, 5, 6, 7 or 8-digit new master code. The LED lights off during 1 second and an audible beep will sound to indicate that the new master code has been accepted.

NEVER SET A PROGRAMMED USER CODE AS A MASTER CODE!

Press # to exit from programming mode 2 beeps confirm that you went back to the reading mode.

D. Pin codes

Enter the master code twice (for the first use the master code default value is 12345). The orange LED and two beeps sound to confirm entry in the programming mode.

Enter the user number (00 to 99). The LED lights off during 1 second and an audible beep sound.

If the LED is green, enter the 3, 4, 5, 6, 7 or 8-digit Pin code. The LED lights off during 1 second and an audible beep is emitted.

The LED lights in orange to indicates that the new Pin code has been programmed

If a pin code has already been programmed or is the same as the master code, then 4 beeps are emitted.

Then the LED lights on in red (user code programmed), select another user code or delete the Pin code programmed for this user code.

Press # to exit from programming mode. 2 beeps confirm that you went back to the reading mode.

E. Delete or replace a Pin code

Enter the master code twice (for the first use the master code default value is 12345). The orange LED and two beeps sound to confirm entry in the programming mode.

Enter the user number to delete (00 to 99). The LED lights off during 1 second and an audible beep will sound.

The red LED indicates that the user number is already programmed.
Press ∗ twice. The LED lights on in green to indicate that the user number can reprogrammed again.

Enter another user number and follow the same steps to delete a Pin code.

Press # to exit from programming mode 2 beeps confirm that you went back to the reading mode.

III. KEYPAD RESET

A. Reset

Place a short over ST1 (use supplied jumper). The green LED flashes during 5 seconds. One beep is emitted. The master code is reset to the factory default value 12345.

The LED starts flashing red.
Remove the jumper to go back to the stand-by mode.

OR

Keep the jumper on to reset all the memory. The red LED flashes during 5 seconds then stops flashing and becomes solid red during the rest of the reset.

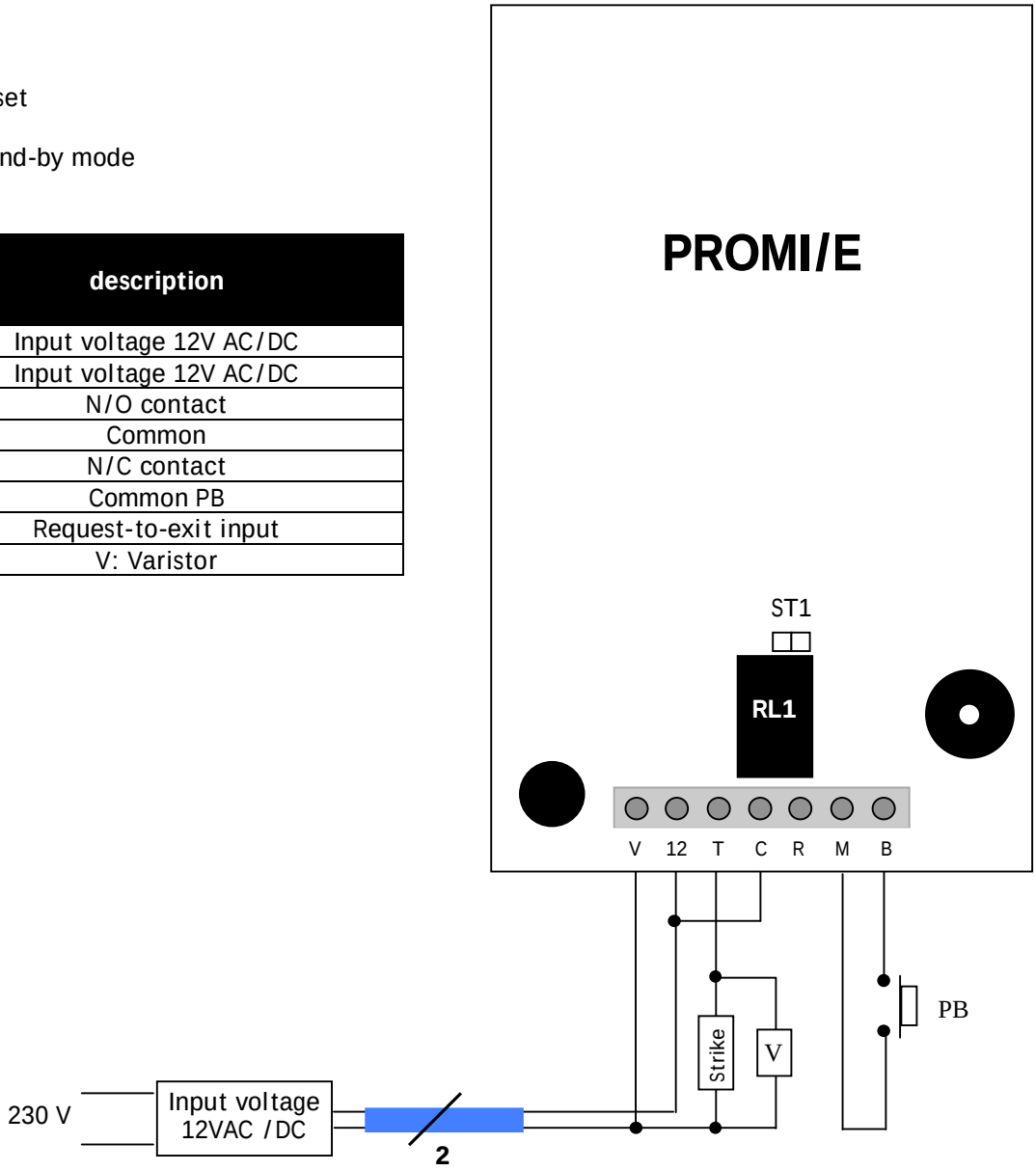
The LED lights off. Remove the jumper to go back to the stand-by mode.

VI. WIRING DIAGRAM

ST1 on Reset

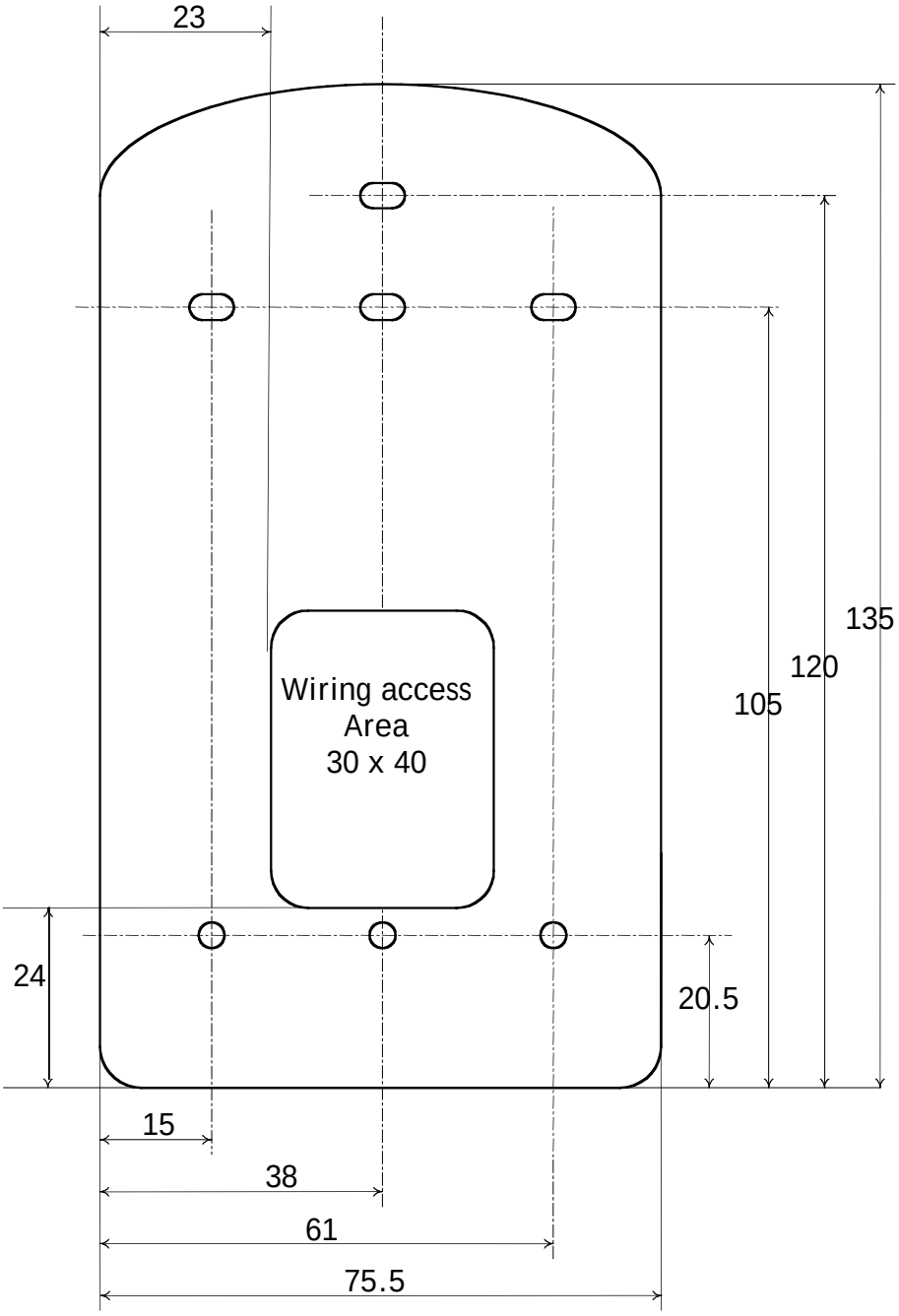
ST1 off stand-by mode

PROMI/E	description
12	Input voltage 12V AC/DC
V	Input voltage 12V AC/DC
T	N/O contact
C	Common
R	N/C contact
M	Common PB
B	Request-to-exit input
	V: Varistor



Do not forget to put the varistor on the lock.

User number	Pin Codes	User


23
135
120
105
Wiring access
Area
30 x 40
24
20.5
15
38
61
75.5