

1 TECHNICAL SPECIFICATIONS

Voltage: 12-24 v DC

Consumption: Minimum. 40 mA - Maximum. 100 mA

Operating temperature: - 30°C to + 50°C

Watertightness: IP65

Master code for access to program

500 codes (*programmable service codes, 1 to 8 digits each one*) or TAGs

Polycarbonate keys vø

Self-protection

2 relay output (1A)

Programmable output configuration for Star/Stop or push button (1 to 240 seconds)

Wiegand and Clock&Data multi-format reading input

2 light indicators (*red and green*) available

Detection of forced door and maximum opening time

Inviolability: 1 chance in over 100 000 000 to decipher the code

Dependent/clock modes available

Push-button: it has an effect on output 1

Door breaking detection: NC contact wired to the door entry

2 EMERGENCY PROCEDURE

IF YOU LOSE OR FORGET YOUR MASTER CODE, THIS OPERATION ALLOWS YOU TO ENTER THE PROGRAM AND INPUT A NEW ONE:

- 1) Disconnect the power supply and wait 5 seconds.
- 2) Put the programming bridge in the low position **P**.
- 3) Reconnect the power supply (BEEP, BEEP, BEEP).
- 4) Put the programming bridge in the high position **N**, *the yellow light comes on.*
- 5) Press key **0** then **000**
- 6) Key in the master code you want (1 to 8 digits).
- 7) Validate the operation with **A**.
- 8) Press key **P** to exit programming.

3 HOW TO PROGRAM A MASTER CODE

The code of origin is 000

To program a NEW MASTER CODE, key in **000** and validate with **P**
The yellow light comes on.

Press **0** then **000** Key in your NEW MASTER CODE (1 to 8 digits)

Example: 5823

Press **0** then **000** key in **5823** validate with **A** and **P**
The yellow light goes off.

4 HOW TO PROGRAM A PANIC CODE

Any output can be used as a PANIC output.

Just program one of its codes as a PANIC code.

In the following example, OUTPUT 2 is used as a PANIC of OUTPUT 1.

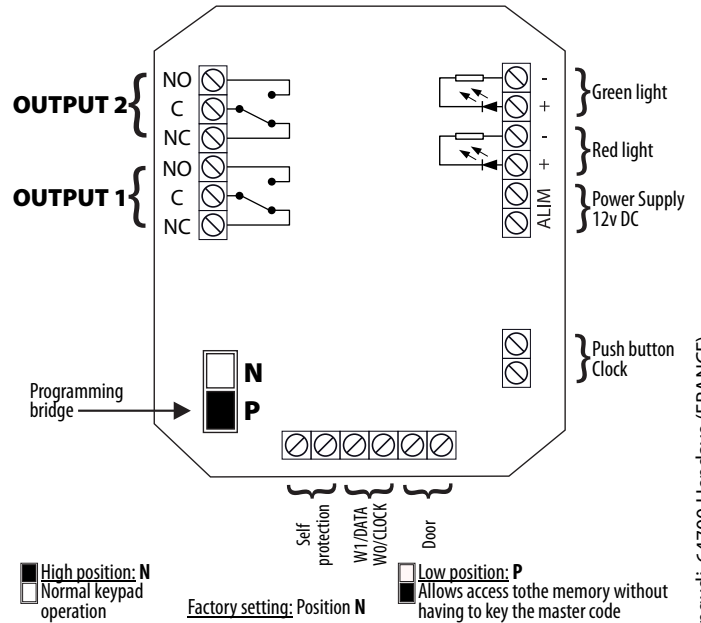
OUTPUT 1 : code 101 **057558**

OUTPUT 1 : code 102 **157558**

OUTPUT 2 : code 450 **157558**

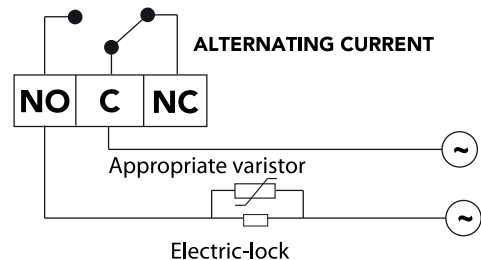
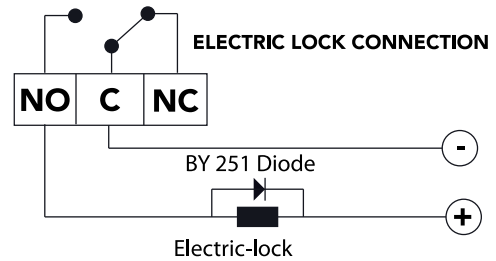
The code 157558 is the PANIC code.

5 CONNECTION



Respect the minimal distance of 0,5 m between 2 proximity readers.

6 ELECTRO-LOCK CONNECTION



4 HOW TO PROGRAM SERVICE CODES OR TAGS

• HOW TO ENTER IN PROGRAMMING MODE

Just key in your NEW MASTER CODE **5823** then validate with **P** the yellow light comes on

• SELECT THE CODE YOU WANT FROM 1 TO 500

YOUR CODE N°1 Press **0** then **001** Press your code (1 to 8 digits)

Example: 18126 Press **0** then **001** y **18126** then validate with **A**

YOUR CODEN°152 Press **0** then **152** Press your code (1 to 8 digits)

Example: 734 Press **0** then **152** y **734** then validate with **A**

• HOW TO PROGRAM A TAG FROM 001 TO 500

YOUR TAG N°3 Press **6** then **003** validate with **A** and run programming TAG in front of the antenna

SU TAG N°500 Press **6** then **500** validate with **A** and run programming TAG in front of the antenna

- If **A** is pressed again and another TAG is presented in front of the antenna, it will be programmed as TAG No. 4 and so on.
- The TAGs are available in ISO/NISO cards or key rings
- Codes or TAGs N°1 to 400 relate to relay N°1
- Codes or TAGs N°401 to 500 relate to relay N°2



WARNING!
When you have finished programming,
press the key **P** The yellow light goes off.

• HOW TO PROGRAM DEPENDENT MODE

DEPENDENT CODE N°
Press **0** then **501** Press your code (1 to 8 digits), then validate with **A**

• HOW TO PROGRAM YOUR PUSH-BUTTON TIME 1 TO 240 SECONDS OR IN START/STOP 000

YOUR OUTPUT 1 Press **1** then **006** validate with **A**
(Example of push-button time of a 6 seconds)

YOUR OUTPUT 2 Press **2** then **000** validate with **A**
(Example start/Stop)

If the door stays open more longer
than indicated, the relay 2 is activated

• HOW TO PROGRAM A MAXIMUM OPENING TIME FROM 10 TO 2400 SECONDES

(Example 60 seconds) Press **5** then **006** validate with **A**

(To cancel) Press **5** then **000** validate with **A**

5 HOW TO PROGRAM CLOCK AND DEPENDENT MODES

• CLOCK MODE:

In CLOCK mode if you connect a contact NO of a clock to the Push Button / Clock terminals of the circuit, this contact is closed, and the first 300 TAGs are cancelled. When this contact opens again everything returns to normal

TO PROGRAM:
7 1 1 A

TO CANCEL:
7 1 0 A

• **DEPENDENT MODE:** Controls door and alarm at the same time.
Installation :

- External antenna and internal keypad
- Output relay 1 on the door, output relay 2 on alarm system

Operating :

- To open, run programming TAG in output relay 1
- To close, key in the dependent code on the keypad, then run the same TAG (you have 30 seconds to do it).

TO PROGRAM:
7 2 1 A

TO CANCEL:
7 2 0 A

• **DETECTION OF DOOR BREAKING:** If the door contact is opened while the relay 1 is not activated, the 2nd relay is activated.

TO PROGRAM:
7 3 1 A

TO CANCEL:
7 3 0 A

• ERROR MODE:

In ERROR mode, one indicates the access refused by beeps and flashes of the yellow light. Moreover, after 8 refused tests, the reader blocks himself during 30 seconds. Omitting an error eliminates these indications.

TO PROGRAM:
7 4 1 A

TO CANCEL:
7 4 0 A

• **IN DATA&CLOCK**, to process the card numbers:

FIRST 4 DIGITS:
7 5 1 A

LAST 8 DIGITS:
7 5 0 A
(factory outlet mode)

6 ERASE THE SERVICE CODES

KEY IN YOUR MASTER CODE AND VALIDATE WITH **P**
THE YELLOW LIGHT COMES ON.

ERASE YOUR CODE N°3: Press **9** then **003** validate with **A**

ERASE ALL YOUR CODES EXCEPT THE MASTER CODE:

Press **9** then **999** "BEEPS" validate with **A**

ERASE YOUR MASTER CODE: Press **9** then **000** validate with **A**

FACTORY OUTLET MODE: Press **9** then **943** validate with **A**

7 DAILY USE

YOUR CODE IS: 18126

Press **18126** validate with **A**

OUTPUT 1 is activated for 6 seconds

YOUR TAG IS: 500

Run the TAG in front of the antenna.

OUTPUT 2 is activated.

OUTPUT 2 is deactivated when you run your TAG again in front of the antenna.

NOTE: 2 consecutive BEEPS: correct operation
A serie of consecutive BEEPS: error