

## Access Control *Minilink* item code 56611

### Technical characteristics

Electronic circuit housed into an ABS white colour box.

Dimensions of the box (mm). : mm. 111 x 72 x 29

Operating voltage: 12 - 18 Vac/dc

Timed output contact from 0,5 to 25 seconds for the lock opening control.

Up to 500 magnetic strip or transponders cards or codes (made up of 1 to 10 digits) that can be stored.

Storage with card, trasponder or activation code.

Deletion by card, transponder or deletion code.

Deletion codes: single or total.

Supplied with:

- n° 4 Master codes (if matched with item code 55612)
- n° 4 Master cards (if matched with item code 55613)
- n° 4 Master transponders (if matched with item code 55614)

In detail, they correspond to:

- n° 1 programming
- n° 1 single deletion
- n° 1 total deletion
- n° 1 time adjustment for relay activation

It can be connected to:

- n° 1 keypad item code 55612
- n° 1 magnetic item code 55613
- n° 1 trasponder reader item code 55614

Input for the opening push button from inside.

Relay output with C./N.O./N.C. contacts for the electromechanical lock opening.

**Use:** stand-alone system for access control.

It allows to memorize codes or cards directly managed by the user through programming and deletion cards.

## Programming and deletion operations

Once the system starts, the electronics stand-by operation makes the red led on the *Minilink* board flash while the terminal (card and transponder reader, keypad) has the green led turned on and the red one turned off.

If, when the card is swiped or when the codes are composed, a reading error occurs or an unknown code is revealed, the red led of the terminal will turn on for about 1 second; if an already memorized user card is swiped, the *Minilink* relay will be activated and both the leds (red and green) of the terminal will turn on.

The following four cards/master codes are also supplied:

- |            |                            |
|------------|----------------------------|
| - PRO      | PROGRAMMING                |
| - DEL      | DELETION                   |
| - TREL     | TIME RELAY REGULATION      |
| - ALL USER | FOR ALL THE USERS DELETION |

### New users entry

Swipe/digit the **PRO** card/code (the green led flashes) and then swipe/digit one or more cards/user codes (after each entry, the green led remains turned on and fixed for about 1 second). When all the cards/codes to register have been entered, the card/code PRO must be swiped again to close the programming session. The programmed cards/codes enable the activation of the Minilink relay and the release of the lock.

### Single users deletion

Swipe/digit the **DEL** card/code (the red led flashes) and then swipe/digit one or more cards/user codes (after each entry, the green led remains turned on and fixed for about 1 second). When all the cards/codes to register have been entered, the card/code DEL must be swiped again to close the programming session.

### Modification of the activation relay timing

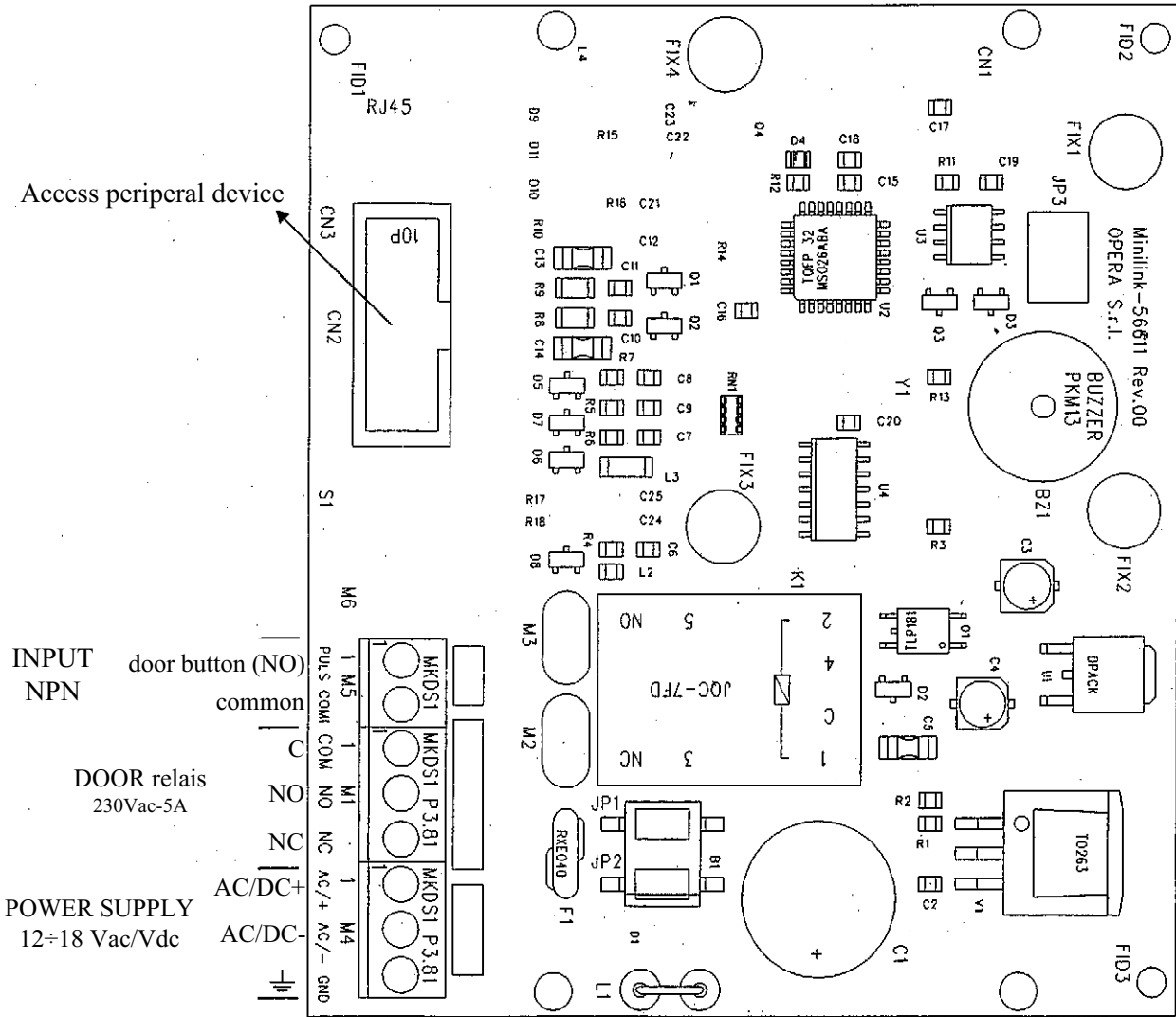
Swipe/digit the card/code **TREL** and immediately after that, press the opening switch (contact N.O. between the clips of the "door switch" and "commun"). Keep the switch hold until the desired timing is reached (between 0,5 and 25 seconds) to get the correct opening of the mounted lock. Once the operation is finished, release the contact and the new value is registered in the memory. The entered timing corresponds to the activation timing of the relay for each opening with a switch or a terminal (card reader or keypad or transponder reader).

### Total deletion of the users session

Swipe/digit the **ALL USER** card/code (the red led flashes while the green led remains turned on) and then swipe/digit the card/code **DEL**.

Both the leds will turn on and remain fixed for about 1 second to confirm the total cancellation.

# Wiring diagram



Access periperal device

INPUT  
NPN

door button (NO)  
common

DOOR relays  
230Vac-5A

POWER SUPPLY  
12÷18 Vac/Vdc

AC/DC+  
AC/DC-  
GND