

Mini Proximity Access Controller

PRX-40/B combining proximity with a keypad as an online and offline unit



- Allows access to hundreds of users
- Four operating modes:
 - Card only
 - Card & PIN
 - Card followed by second card
 - Card & global code
- Reliable, attractive and compact design
- Perfect for locations with limited access or where space is at a premium
- Internal relay for door-latch activation
- Set up and control directly from the keyboard

Mini Proximity Access Controller



Controlling Access the Easy Way

The PRX-40/B was developed as a compact, easy-to-use proximity terminal, to be installed at sensitive locations for granting access to secure areas. This elegant device, made of strong ABS plastic, can be installed just about anywhere, as stand-alone, contactless terminals. The sealed enclosure makes the PRX-40/B ideal for harsh and exposed environments that can easily damage standard terminals.

Install, Set-up... and you're in control

- With the PRX-40/B, you've got extra protection against vandalism and inclement weather: it can be installed in semi-concealed areas, such as behind a door or behind non-metal building materials. The terminal lets you select the door opening time and bar unauthorized access to the internal program.
- A keyboard has been added to further increase access security. Persons desiring access to the premises must first hold their cards near the reader, then key-in their PIN or a global access code.

The Reader

The keyboard in the PRX-40/B includes 0 through 9 and a bell button. The terminal provides feedback via a tri-color LED. A green indication is given, as soon as the card has been brought in proximity to the reader. If the card is not in the stored list of cardholders, the indicator turns red. An orange color means the reader waits for the PIN or the global code, to be entered or for a second card to be swiped.

Programming the PRX-40/B

The keyboard on the PRX-40/B is used to easily program the terminal as a stand-alone. Just:

1. Swipe a "Master" card and key-in a "Master" code.
2. Enter a 2-digit command, followed by a 4-digit parameter. You have just selected the operation to be done!

Unique Features

- Capability to change a "Master" code to access set-up.
- Establish door opening time up to 25 seconds..
- Manage card holders' lists by one of two ways:
 1. Swiping a "Master" card, then entering a code
 2. Accessing a memory location
- Connects to Master Control Unit

Technical Specifications

- 8 kB E²PROM memory for 250 card holders & 4-digit PIN
- Typical Reading Range: 6 cm
- Operating Frequency: 125 kHz
- RS-232 or RS-485 (ASCII); 9600 b/s
- Man-machine Interface
 - Indicators for power, card presence/rejection and keyboard entry
 - 10-digit keyboard
 - Bell button
 - RF coupling of proximity card

Mechanical Features

- Dimensions: 15.5 x 7 x 6.1 cm
- Weight: 350 g (including cable)
- Operating temperature: -22 to +50°C
- Relative humidity: 95%

General Characteristics

- Output relay rating: 24 V @ 3 A
- Tamper sensor
- Power supply: 12 to 15 Vdc
- Buzzer for audio confirmation of operations

