

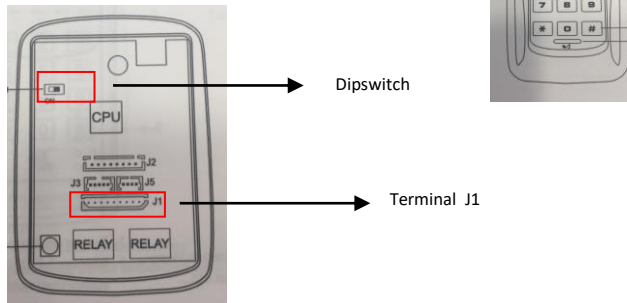
PP-87P Card Reader

The card reader PP-87P is a device used for access control with proximity cards or personal code. It has 4 operating modes a) proximity cards only b) proximity cards and personal code c) proximity cards or personal code d) free access (Not recommended). It has a memory of 10000 cards and the activation time of the door opener is programmed from 1 to 98 seconds. A stabilized 12 VDC power supply of at least 1 Ampere will be used to power the automation.

Installation

Power Supply 12VDC:

Power supply the reader with 12VDC in blue terminal J1. Red wire (+) , black wire (-). The yellow indication LED is ON. The command is the orange and brown wires (NO).



Set the master card (pre-saved from the factory):

Put the dipswitch on position ON. Pass a proximity card from the reader. The reader blinks once and the indicating LEDs will blink red/green. Put the dipswitch on position OFF. The master card is saved. This is the master card for configuration.

Reader Configuration:

To program the individual functions of the card reader, we use the master card we defined earlier and the keyboard. Every time we present the Master Card, the function LED turns green for about 10 seconds. In this space we type the desired programming code based on the table .

Code	Functions
0800	System initialization
	Group1: Card reader operating modes
3000	No access
3200	Access only with proximity cards
3300	Access with proximity cards and personal code
3400	Access with proximity cards OR personal code
3801	Free access
3800	Cancel free access
	Group2: Personal code programming
480d	Set number of personal code digits. If d=4 the personal codes will be four digits (e.g. 1988)
460n- d	Personal code programming. Accepts n = 1 to 5 different codes. d is our personal password. e.g. We want first code in 1988, type 4601 1988, second code 1234, type 4602 1234 and so on.
470n	Cancel code n = 1 to 5
4700	Cancel all personal codes
	Group3: Proximity card programming
6333	Add new cards. After presenting the Master Card and the operation LED turns green, type 6333 and present the cards we want to save in order. Each time a card is recognized the automation beeps and the power LED flashes. To stop the process press #
6888	Adding new cards from their numbers. We present the Master Card, type 6888 and 0cccc, (last 6 digits of the number on the card). The card has been saved. We continue for the remaining cards. To stop the process press #
7333	Delete cards. After presenting the Master Card and the operation LED turns green, type 7333 and present the cards we want to delete in order. Each time a card is recognized the automation beeps and the power LED flashes. To stop the process press #.
7888	Deleting cards from their numbers. We present the Master Card, type 7888 and 0cccc, (last 6 digits of the number on the card). The card has been deleted). We continue for the remaining cards. To stop the process press #
	Group3: Activation time programming
21tt	Door lock activation time. tt=0-98 seconds