

Power Supply to Electric Locks & Time Controller

Note

1. Unplug AC mains connection if the unit is not in use for a long time.
2. Before connecting to AC mains, please make sure wiring is correct.
3. The unit is intended for use only in well-ventilated and dry locations. Avoid heat and moist.
4. To prevent getting electric shock, only qualified and trained personnel should open the case.

Features

This unit is designed for access control devices and electric locks. It delivers outstanding performance and has aesthetic appearance. Its case is sturdy and installation is easy.

Dual-voltage independent power outputs

Output 1 – maximum current of 0.5 Amp at 12 VDC regulated power supply to those keypads that use not more than 0.5 Amp of power

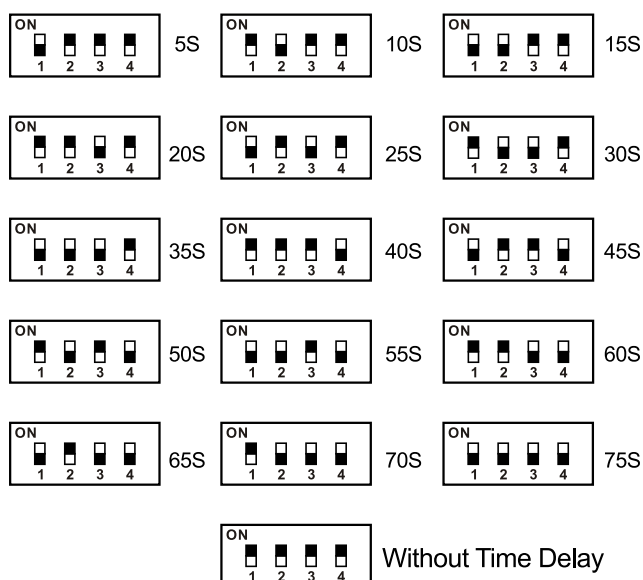
Output 2 – maximum current of 2 Amp at 12 VDC for those electric locks that consume not more than 2 Amp (NO contact: fail-secure; NC contact: fail-safe)

PB Contacts for Request-to-exit buttons

Connect PB contacts to indoor request-to-exit buttons to allow for quick egress.

Adjustable time delay

Time delay for the electric locks can be adjusted from 0 ~ 75 seconds.



Installation

1. Position the unit in any location safe and close to the door.
Note: Do not connect to the AC power prior to installation.
2. Identify the lock modes of the electric lock. Connect COM and NO contacts to fail-secure locks. Connect COM and NC contacts to fail-safe locks.
Note: The positive (+) and negative (-) are distinguished.
3. Time delay for the electric locks is set at 4 ~ 5 seconds. (factory setting)
4. Please check if the wiring is correct and properly.
5. Connect to the AC mains.

Specification

AC input: 100 ~ 240 VAC 50/60 Hz

Output 1: maximum current 0.5 Amp/ 12 VDC (access control devices)

Output 2: maximum current 2 Amp/ 12 VDC (independent power supply to electric locks)

Time delay: 0 ~ 75 seconds

Weight: 0.35 kg

Dimensions: 157 (W) x 100 (H) x 69 (D) mm

Wiring diagram

