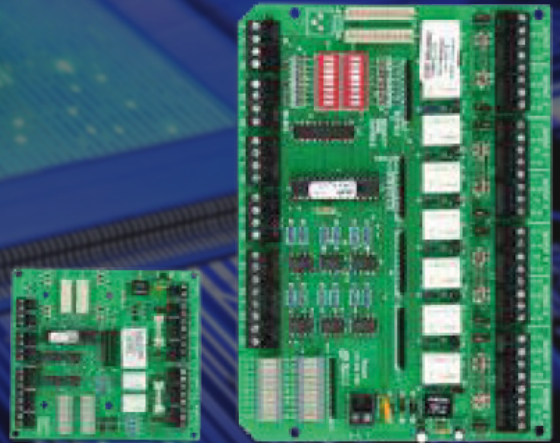


# MX-UC-S-SERIES

## Universal Door Control Modules

Field Programmable Access Hardware Controller. 14 Field Selectable Station Modes & Systems. 7 Individually Selected Relay Output Modes: Control Relay, Timed Relay, or Latching Relay Output. Dual Modes Control Relay & Timer. Latching & Timed. Control Latching. Controlled Relay/Controlled Relay. 7 Selectable System Modes: 5 Mantrap and Interlock Modes. 2 Communicating Bathroom Modes.



### Features

- Use the same controller for virtually all multi-door applications.
- Centralized wiring for all locks, access controls, monitoring contacts and peripheral equipment.
- On board logic reduces need for communicating door and lock contacts and standalone relays.
- Reduced wiring, easy troubleshooting.

### Programmable System Modes

System selection provides appropriate mode of operation for each input and output

- Airlock/Interlock Mode A: All doors normally unlocked, opening any door causes all other doors to lock.
- Mantrap Mode B: All doors normally locked. When any door is unlocked all other doors are incapable of unlocking.
- 3 Mantrap Mode C: Select doors locked or unlocked. When unlocked door is opened, locked doors are incapable of unlocking. When a locked door is unlocked, normally unlocked doors lock and all other locked doors are incapable of unlocking.
- Shared Hospital/Dorm Bathroom A: Doors equipped with magnetic locks.
- Shared Hospital/Dorm Bathroom B: Doors equipped with electrified locksets.

### Programmable Station Modes

Each output may be individually programmed with its own mode of operation

- Conventional Relay
- Latching Relay, on/off
- Latch multi-station zones on/off or all stations on/off
- Time Delay Relay 1-60 seconds
- Dual function Latching on/off, plus 1-60 second Timed output when on.



## MX-UC-S-SERIES

## Universal Door Control Modules

### Specification

Model	MX-UC2-4S	MX-UC4-8S
Input Voltage	12 or 24VDC +/- 10%	
Inputs	4-SPST, Dry, Optically Isolated (Relay) 4-SPST, NO Dry, Optically Isolated (Auxiliary)	8-SPST, Dry, Optically Isolated (Relay) 4-SPST, NO Dry, Optically Isolated (Auxiliary) Field Selectable Voltage Output or Dry Contact Outputs. Individually configured as a dry contact or 12 or 24VDC Voltage Output
Outputs	2 fused SPDT relays, 7 Amps @ 30VDC 2 non-fused SPDT relays, 7 Amps @ 30VDC	4 fused SPDT relays, 7 Amps @ 30VDC 4 non-fused SPDT relays, 7 Amps @ 30VDC
Dimensions	4.5" W x 5" H x 7/8" D	7" W x 5" H x 7/8" D
Input Current	140mA Max. (UR2-4); 250mA Max. (UR4-8)	

### Application

#### MANTRAP MODE "B" - Only one door may be accessed at any time

