UR2-4 and UR4-8 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.

MODELS
- UR2-4: Universal Controller with 2 Fused SPDT Outputs and 2 Non-fused SPDT Outputs
- UR4-8: Universal Controller with 4 Fused SPDT Outputs and 4 Non-fused SPDT Outputs

SPECIFICATIONS

<table>
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<tr>
<th>Input Voltage</th>
<th>12 or 24VDC +/- 10%</th>
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<td>Input Current</td>
<td>140mA Max. (UR2-4); 250mA Max. (UR4-8)</td>
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| Dimensions    | UR2-4: 4.5" W x 5" H x 7/8" D  
                UR4-8: 7" W x 5" H x 7/8" D  
                Fit one (1) or two (2) in 600RFA enclosures |
| Outputs       | UR2-4: 2 fused SPDT relays, 7 Amps @ 30VDC  
                2 non-fused SPDT relays, 7 Amps @ 30VDC |
| Outputs       | UR4-8: 4 fused SPDT relays, 7 Amps @ 30VDC  
                4 non-fused SPDT relays, 7 Amps @ 30VDC |

WARRANTY
YEAR
5
SELECTABLE
FIELD
12 24
MANTRAP MODE “B” - Only one door may be accessed at any time

120 VAC Primary Voltage Connection

(2) COND

(3) COND

(2) COND

(4) COND

(4) COND

(2) COND

(4) COND

634RF Power Supply w/ Enclosure x UR4-8 Controller

1571VB EMLock® with Bond Status

MSB550 Mechanical Switch Bar

PT-3 Power Transfer Device

920 Access Control Keypad (outside)

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1571 EMLock® with Bond Status

PT-3 Power Transfer Device

MSB550 Mechanical Switch Bar

634RFA 4 Amp, 12/24 VDC Class 2 Output Power Supply Cabinet fit one or two Universal Door Control Modules