www.sdcsecurity.com service@sdcsecurity.com
[t] 800.413.8783 805.494.0622 [f] 805.494.8861
801 Avenida Acaso, Camarillo CA 93012 • PO Box 3670, Camarillo CA 93011-3670

Universal Field Programmable Application Module

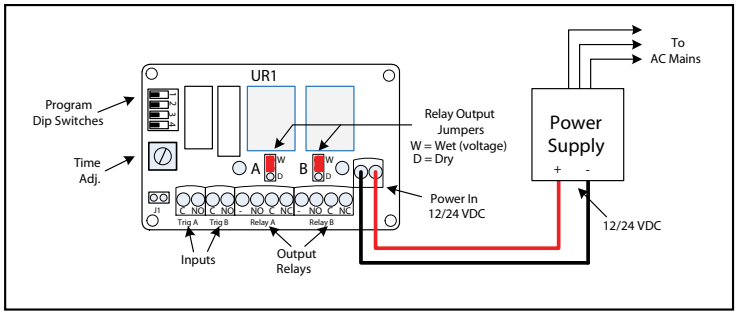
12 Selectable Relay & System Logic Modes:

- 2 Conventional Relays
- 2 Time Delay Relays, adj. 1-60 sec
- 1 Time Delay Relays x Anti-Tailgate input
- 2 Independent Latching Relays
  (1 N.O. trigger per relay (pulse on, pulse off)
- Tandem Latching Relays 2-SPDT (DPDT) output
  (Input (A) latch ON, Input (B) latch OFF)
- 1 Time Delay Relay, 1 Latching Relay
- 1 Time Delay Relay, 1 Control Relay
- 2 Door Airlock/Cleanroom System
- Communicating Bathroom System: Shared by
  2 hospital or Dorm rooms. Exiting unlocks
  both doors, ensuring access for both rooms
- Manual Door Sequencer : For 1 or 2 single or double door openings with high inrush* locks or exit devices.
- Automatic Door Sequencer: For 1 single or 1 double door opening with locks or exit devices

Relay Modes: Selectable Contact Configuration

- SPDT outputs jumper selectable Wet and/or Dry
- Selectable Independent or Tandem (Simultaneous, DPDT) Activation
- Each Tandem SPDT output may be Wet and/or Dry





Features

UR Series Universal Door Controllers provide a choice of individual dip switch selectable relay operating modes or system modes for lock control, monitoring, communicating door or lock system logic. Relay output modes may be individually configured as a Dry Contact or Voltage (Wet) Output. Relays may be configured to work independently or in tandem with adjacent relay. Features include:

Benefits

- Use the same controller for multiple applications
- Selectable relay modes permit installer configuration per application requirements
- Microprocessor based system logic reduces need for communicating door and lock contacts and standalone relays
- Centralized wiring for locks, access controls, monitoring contacts and peripheral equipment provide easy troubleshooting and enable uniformity for multiple installation applications

UR-1 Specifications

Input Voltage: Automatic Voltage Sensing
12VDC @ 120mA, 24VDC @ 175mA

Trigger Inputs:
- Two Form "A" SPST, N.O. Inputs
  a) Two (2) N.O. dry inputs for individual relay
  b) Tandem: Either N.O. dry input triggers both relays

Outputs :
- 2 form "C" SPDT outputs, (N.C. failsafe, N.O. failsecure)
- 10 Amps (resistive), 7 Amp (inductive) @ 30VDC
- Wet (voltage) and/or Dry output
- Wet output voltage is same as module input voltage
- Two (2) LED relay active indicators

Relay Mode Output Configuration:
a) Two (2) Wet (power) and/or Dry outputs.
b) Tandem: Simultaneously activates both SPDT outputs

Dimensions: 3.2" W x 2" L x 1" H
[81.28 x 50.8 x 25.4 mm]

Model

UR-1: 12/24VDC Voltage Input;
2-N.O. trigger inputs; 2-SPDT 10A outputs

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