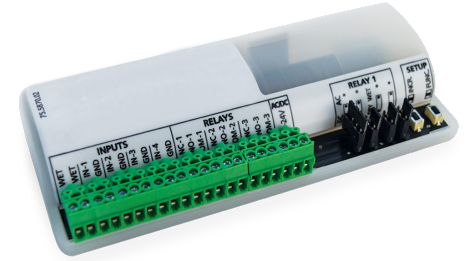


# DS1-X

- Programmable 3-Relay Door Control Module
- 13 Programmable Functions
- Accepts Wet or Dry Inputs
- Easy Push Button Adjustments
- LEDs for Visual Relay Confirmation
- 3-Year “No Hassle” Warranty



The **DS1-X** delay/sequencer board offers a switching network that is ideal for (de)energizing an electrified locking device then, after an adjustable time, activating an automatic door operator. It is also suitable for other timing functions such as door sequencing in one or both directions, or anywhere a timing relay is required. For Telephone Entry system applications, the **DS1-X** offers a direct connection to the entry panel, simplifying wiring and eliminating the need for and isolating relay.

## SPECIFICATIONS

- Supply Voltage: 12-24 VAC/DC +/- 10%
- Power Consumption: 30-130 mA; Dry Output
- Temperature Range: -15 - 150 F
- Dimensions: 5 1/5" (W) x 1" (H) x 2 1/5" (D)
- Relay Hold Time: 0-60 seconds per relay
- Delay Between relays: 0-60 seconds per relay, with 1/4, 1/2, & 3/4 second options.
- Housing Material: ABS Plastic
- Input Specification:
  - Inputs 1, 2, 3, 4 - Dry Contact
  - Wet Input - 5-24VAC/VDC +/- 10%
- Contact Rating:
  - Relay 1 (DRY) - 3A @ 24VAC/30VDC
  - Relay 1 (WET) - 1A
  - Relay 2 - 3A @ 24VAC/30VDC
  - Relay 3 - 1A @ 24VAC/30VDC

## FEATURES

- 13 Programmable Functions Including: Sequencing Modes, Timer Functions, and Telephone Entry Systems
- 3 Adjustable Timer Relays, Up to 60 Seconds Maximum
- Two 3-AMP and One 1-AMP Relays, All Built-In Surge Suppression
- SPDT Contacts Rated at 3 AMPS @ 30VDC
- Ideal for Latch Pullbacks on Auto Operator Openings & Privacy Restroom Applications
- Universal Privacy Restroom Function
- Easy Push Button Adjustments
- LEDs for Visual Relay Confirmation
- Accepts Wet or Dry Inputs
- 1 Relay Can Provide Wet Output with AC/DC Voltage for Powering an Electric Locking Device Directly from the Module
- One Shot Design for Security or Maintained Output for Smoke Evacuation
- Input for Connection for Telephone Entry System

## FUNCTIONS

- Timer
- Ratchet/Latching
- 2 Relay Sequence + Inhibitor
- 2 Relay Sequence + Door Position
- Deactivation Time
- 3 Relay Sequence + “1” Shot
- 3 Relay Sequence with ‘Independent Relay’
- Interlock Timer
- Interlock Ratchet/Latching
- 2-Way, 2 Relay Sequence
- Normally Locked Restroom
- Normally Unlocked Restroom
- 3 Relay Sequencer + ‘ Day/Night Mode’
- Disable

## How to Order

PART #	EASY ORDER #	DESCRIPTION
<b>DS1-X</b>	<b>72472</b>	Delay/sequencing AUX board.