



- *Accepts wet or dry inputs*
- *12-24VDC*
- *Bi-Directional Sequencing Mode*
- *3-Year Warranty*

## Another Innovative Solution

The DS1 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 offers a direct connection to the entry panel, simplifying wiring and eliminating the need for an isolating relay.

**U.S. Customer Support**  
**1-888-622-2377**

**Visit our website for more details**  
**[www.CommandAccess.com](http://www.CommandAccess.com)**

**Canada Customer Support**  
**1-855-823-3002**

**APPLICATION**

The multifunctional DS1 integrates electronic door hardware for use with auto operators, vestibules, phone entry and access control systems.

**FEATURES:**

- Bi-Directional sequencing mode
- 3 Adjustable delays, up to 30 seconds maximum
- Easy potentiometer adjustments
- LEDs for visual relay confirmation
- Accepts wet or dry inputs
- 12 to 24V AC/DC
- One shot design for security or maintained output for smoke evac
- SPDT contacts rated at 3Amps @ 30VDC
- Input for connection to phone
- No hassle 3-Year Warranty

**SPECIFICATIONS:**

- Size - 3 1/4" x 2 1/4" x 3/4"
- Mounting - Velcro or double-sided tape
- Enclosure - Protective paper sleeve.
- Operating voltage - 12 / 24 Volts, AC / DC
- Current Draw - 18 mA standby, 40 mA max.
- Response time - 0.3 seconds
- Inputs - 2 Wet + 2 Dry contacts: (3-30 V AC/DC, Optically isolated, non-polarity sensitive).
- Relay Output - 2 x Form C (SPDT)
- Relay contact rating - 3 amps @ 20 VDC
- Time Delays - DOR #1 1 to 30 seconds  
DOO #2 1 to 30 seconds  
DOR #2 1 to 30 seconds
- Electrical Life - 100,000 operations @ rated capacity  
500,000 operations @ 1/2 rated capacity

Model No.	Notes:		
Customer:	Job No./Name:	Date:	Provided by: