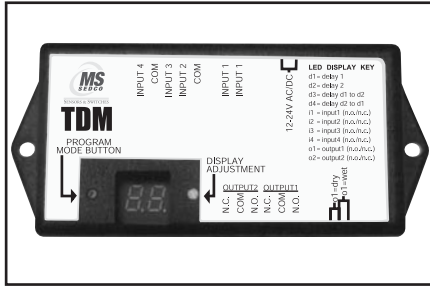


TDM Universal Time Delay Module

SENSORS & SWITCHES



Product Name

TDM Universal Time Delay Module

Manufacturer

MS Sedco

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Product Description

BASIC USE

The TDM is an advanced time delay module, allowing the installer to use only one time delay for any automatic door operation, electrically or magnetically locked doors or vestibule sequencing applications.

The TDM takes one to four inputs and converts them to sequential relay outputs.

- Used as a make/break relay, the TDM eliminates mechanical binding of the locking mechanism on an automatic door. The make relay can be configured as a wet output to directly apply power to an electric locking device.

- Used to sequence vestibule sets

of doors, the TDM provides an initial relay output for the first door, a delay between outputs 1 and 2 and another output for the second door. The TDM also provides a delay between outputs 2 and 1, allowing you to sequence your vestibule in both directions with only one TDM. Each delay is adjustable from 0.0 to 99 seconds.

advance using the LED Display

- Settings are stored in memory so TDM remembers settings (even after power failure)

APPLICABLE STANDARDS

American National Standards Institute (ANSI) - Building Hardware Manufacturers Association (BHMA) - ANSI/BHMA A156.10 and A156.19.

Technical Data

SPECIFICATIONS

Model

TDM

Power

12 to 24 V AC or DC

Power Consumption

2W Maximum

Output Contact

Form C, Rated At 3 Amps

Relay Contact Ratings

3A:120V AC; 3A:30V DC

Temperature

-22°F to 158°F (-30°C to 70°C)

Color

Flat Black

Enclosure

ABS Plastic

Weight

0.25 lb.

Physical Size

4 3/4"L x 2 1/4"W x 3/4"H

Special Functions

Wet Output

- Allows installer to apply power directly to an electric locking device (eliminating need for separate transformer)

Pushbutton Fault Indicator

- Provides valuable diagnostic information to installer

Preprogrammable

- Easily set-up on site or in

APPROVALS

CE

Installation

SETUP AND ADJUSTMENT

The TDM is easily mounted in the door header or control box. The LED Display allows for ease in programming. The installer uses the Program Mode Button to adjust each of the four time delays and select the input and output settings.

Availability & Cost

AVAILABILITY

Available internationally from manufacturer's authorized distributors; contact MS Sedco for the location of nearest distributor.

COST

Cost information on MS Sedco products is available from the manufacturer's authorized distributor.

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Warranty

MS Sedco, Inc. guarantees this product to be free from manufacturing defects for one year from date of installation. Unless MS Sedco is notified of the date of installation, the warranty will be in effect for one year from the date of shipment from our factory. If, during the first year, this product fails to operate and has not been tampered with or abused, the unit can be returned prepaid to the factory and be repaired free of charge. After one year, the unit will be repaired for a nominal service charge. **Limited warranty is in lieu of all other warranties, expressed or implied, including any implied warrantability of merchantability. No representative or person is authorized to assume for MS Sedco any other liability in connection with the sale of our products. All warranties are limited to the duration of this written limited warranty. In no event shall MS Sedco be liable for any special, incidental, consequential or other damage arising from any unclaimed breach of warranty as to its products or services.**

Maintenance

MS Sedco recommends that all maintenance and adjustments be performed by an AAADM Certified Technician.

Technical Services

MS Sedco's staff of factory trained sales and service personnel offer design assistance and technical

support. Local distributors are also available to assist in selecting appropriate devices for specific uses and to provide onsite installation.

Filing Systems

- Sweet's
- Additional product information is available from the manufacturer upon request.

DIMENSIONS

