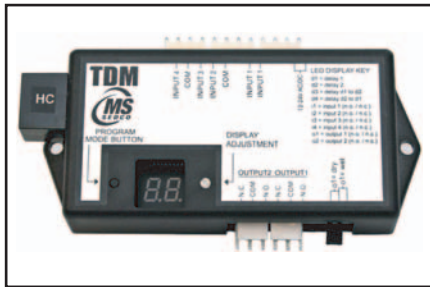




# High Current Universal Time Delay Module

SENSORS & SWITCHES



## Product Name

### TDM-HC

High Current Universal Time Delay Module

## Manufacturer

MS SEDCO  
8701 Castle Park Drive  
Indianapolis, IN 46256  
Phone: (800) 842-2545  
www.mssedco.com

## Product Description

### BASIC USE

The TDM-HC is a multipurpose microprocessor based timing module that can be used for a variety of applications. Its unique design and open architecture allows the TDM-HC to be used in any type of application that requires timing control of up to two outputs with up to four inputs.

The first output of the TDM-HC has a capacity of 20 amps, making it compatible with every electronic locking device, including electric-latch-retraction exit devices.

Common Applications include:

- Using the TDM-HC to provide a simple time delay of 0-99 seconds.
- Using the TDM-HC as a make/break relay to eliminate mechanical binding of the electrical locking mechanism on an automatic door.

- Using the TDM-HC to sequence vestibule doors. One unit is capable of sequencing the vestibule doors from both directions.

The four inputs on the TDM-HC allow sequencing or independent operation of the two outputs.

- Input 1 will sequence Output 1 then 2.
- Input 2 will sequence Output 2 then 1.
- Input 3 will operate Output 1 independently.
- Input 4 will operate Output 2 independently.

Both outputs on the TDM are programmable for "on time" duration as well as the delay time between the two outputs from 0 to 99 seconds

## Technical Data

### SPECIFICATIONS

<u>Model</u>	TDM-HC
<u>Power</u>	12 to 24 V AC or DC
<u>Power Consumption</u>	2W Maximum
<u>Output Contact</u>	Form C, Rated At 20 Amps
<u>Temperature</u>	-22 °F to 158 °F (-30 °C to 70 °C)
<u>Color</u>	Flat Black
<u>Enclosure</u>	ABS Plastic
<u>Weight</u>	0.25 lb.
<u>Physical Size</u>	5"L x 2 1/8"W x 3/4"H

## Special Functions

### Pushbutton Fault Indicator

- Provides valuable diagnostic information to installer

### Preprogrammable

- Easily set-up on site or in advance using the LED Display
- Settings are stored in memory so TDM-HC remembers settings (even after power failure)

## APPLICABLE STANDARDS

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

## Installation

### SETUP AND ADJUSTMENT

The TDM-HC 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

A one year warranty is available from the manufacturer covering defects in materials and workmanship. Contact MS SEDCO for details.

### 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.

### DIMENSIONS

