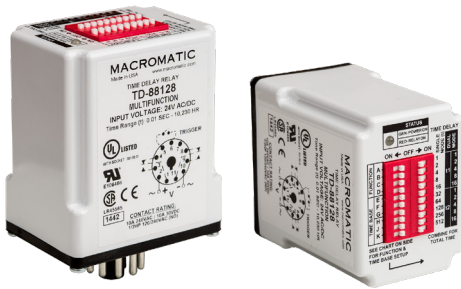


PROGRAMMABLE | MULTI-FUNCTION

DIP-SWITCH | DIGITAL-SET | TD-8 SERIES



- ◆ Sixteen user-selectable modes in one unit
- ◆ DIP-Switches for accurate digital set of time delay & selection of function
- ◆ 50ms - 10,230 hours programmable time delay (Single Mode functions only)
- ◆ Uses industry-standard 8 or 11 pin octal socket
- ◆ Pilot duty rating



with appropriate socket



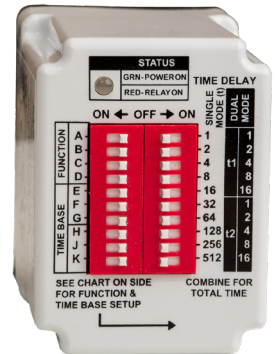
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The TD-881 Series offers the digital-set accuracy of DIP-switch setting as well as the flexible programmability of a multi-function and multi-time range relay. These products provide an easy and accurate method to select any of 16 time delay functions and any time delay between 50ms and 10,230 hours (310 hours maximum for Dual Mode functions). Programming is accomplished through the use of two 10-position DIP-switches. This product can literally replace hundreds of different catalog numbers, thereby reducing inventory requirements.



MULTI-FUNCTION ■ (16 Functions in One Unit)

Single Mode

- ◆ On Delay
- ◆ Interval On
- ◆ Flasher (OFF 1st)
- ◆ Flasher (ON 1st)
- ◆ Off Delay *
- ◆ Single Shot *
- ◆ Watchdog *
- ◆ Single Shot (Trailing Edge) *
- ◆ Triggered On Delay *

Dual Mode

- ◆ Repeat Cycle (OFF 1st)
- ◆ Repeat Cycle (ON 1st)
- ◆ Delayed Interval
- ◆ Triggered Delayed Interval *
- ◆ On/Off Delay *
- ◆ Single Shot-Flasher *
- ◆ On Delay/Flasher

* These are the only functions requiring use of the Control Switch shown in Wiring Diagrams below.

OUTPUT	INPUT VOLTAGE	CATALOG NUMBER	WIRING/SOCKETS
11 Pin DPDT	120V AC/DC 12V DC 24V AC/DC 240V AC	TD-88122 TD-88126 TD-88128 TD-88121	11 PIN OCTAL 70170-D DIAGRAM 121
8 Pin SPDT	120V AC/DC 12V DC 24V AC/DC 240V AC	TD-88162 TD-88166 TD-88168 TD-88161	8 PIN OCTAL 70169-D DIAGRAM 169

■ See "Definitions of Timing Functions".

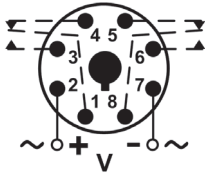
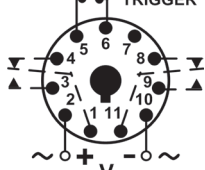
Sockets & Accessories available

Build your Time Delay Relays with the [Online Product Builder](#)

PROGRAMMABLE | SINGLE FUNCTION

DIP-SWITCH | DIGITAL-SET | TD-8 SERIES

The TD-8 Series time delay relays offer an easy and accurate method to select any time delay between 100ms and 1,023 hours. Programming is accomplished through the use of a 10-position DIP-switch. Each position is marked with a binary time increment. The required delay is selected by moving the switch of each increment to the ON position and adding their corresponding values (see examples below). This method provides a greater setting accuracy than is found on other units with an analog potentiometer. An LED indicates relay status.

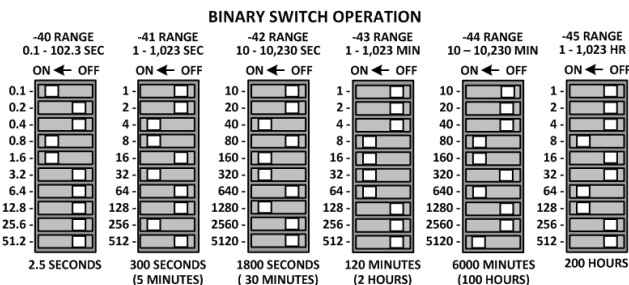
FUNCTION ■	INPUT VOLTAGE 50/60Hz.	CATALOG NUMBER **	WIRING/SOCKETS
ON DELAY A	120V AC/DC 12V DC 24V AC/DC 240V AC	TD-80222-** TD-80226-** TD-80228-** TD-80221-**	8 PIN OCTAL 70169-D
INTERVAL ON B	120V AC/DC 12V DC 24V AC/DC 240V AC	TD-80522-** TD-80526-** TD-80528-** TD-80521-**	 DIAGRAM 1
REPEAT CYCLE * (OFF Time First Followed By ON Time and Repeating) L	120V AC/DC 12V DC 24V AC/DC 240V AC	TD-83122-** TD-83126-** TD-83128-** TD-83121-**	
REPEAT CYCLE * (ON Time First Followed By OFF Time and Repeating) M	120V AC/DC 12V DC 24V AC/DC 240V AC	TD-85122-** TD-85126-** TD-85128-** TD-85121-**	
OFF DELAY Control Switch Trigger C	120V AC/DC 12V DC 24V AC/DC 240V AC	TD-81622-** TD-81626-** TD-81628-** TD-81621-**	11 PIN OCTAL 70170-D
SINGLE SHOT Control Switch Trigger D	120V AC/DC 12V DC 24V AC/DC 240V AC	TD-81522-** TD-81526-** TD-81528-** TD-81521-**	 DIAGRAM 2

■ See "Definitions of Timing Functions".

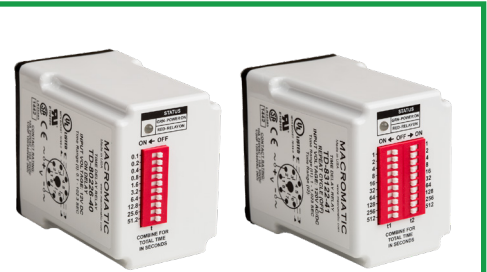
* ON & OFF Time Ranges for these functions are the same. See www.macromatic.com/onoff for information on how to order a unit with different ON & OFF time ranges.

TIME DELAYS

**TIMING RANGE TABLE	
COMPLETE PRODUCT NUMBER USING TWO DIGIT CODE BELOW: i.e., TD-80222-40	
Time Delay Range	Code
0.1 - 102.3 Sec.	40
1 - 1,023 Sec.	41
10 - 10,230 Sec.	42
1 - 1,023 Min.	43
10 - 10,230 Min.	44
1 - 1,023 Hr.	45



Sockets & Accessories available



Single Mode

Dual Mode

- ◆ DIP-Switches for accurate digital set of time delay
- ◆ 100ms - 1,023 hours programmable time delay
- ◆ Uses industry-standard 8 or 11 pin octal sockets
- ◆ 10A DPDT output contacts
- ◆ LED indicates relay status
- ◆ Pilot duty rating



with appropriate socket



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