

Dedicated Timers

TDM, TDI, TDS, TDB Digi-Set Series

Time Delay Relay

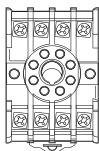


- Single Function Timers
- Switch Settable Time Delays
- +/-0.1% Repeat Accuracy
- Delays from 100 ms ... 2.8 h in 3 Ranges
- AC and DC Input Voltages
- Isolated 10 A Relay Contacts
- Plug-In Connection & Mounting
- LED Indication

Complete Product Details:
<http://www.ssac.com/pp1.htm>



Mounting and Connection Accessory

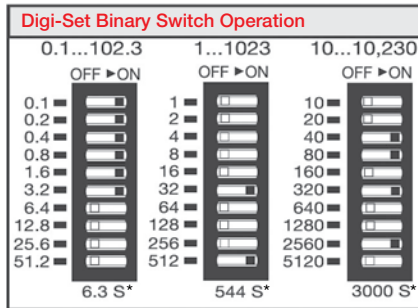


Octal
8 pin socket
P/N: **NDS-8**



35mm DIN
Rail or Surface
Mounting

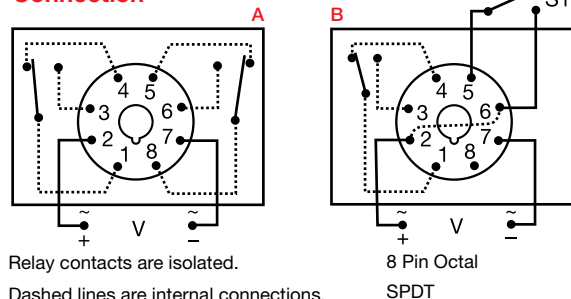
See accessory pages



* The selected time delay is the sum of the delays of all switches in the ON position

The TD Series of time delay relays are our most popular series; providing accurate and reliable performance with a 10 year warranty. The delay is adjusted by ten binary DIP switches, which allow selection of the time delay the first time and every time.

Connection



Technical Data

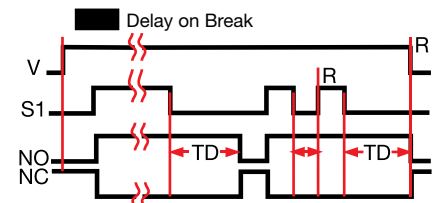
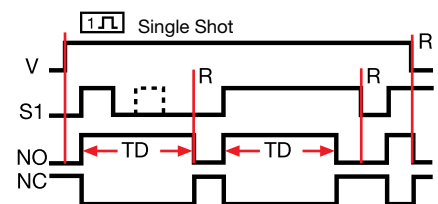
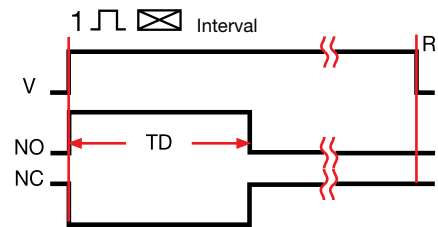
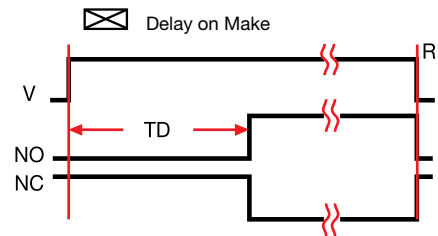
Time Delay	
Ranges	0.1 ... 102.3 s in 0.1 s increments 1 ... 1023 s in 1 s increments 10 ... 10,230 s in 10 s increments
Repeat Accuracy	+/- 0.1% or 20 ms, whichever is greater
Indication	
Indicator	LED glows during timing; relay is energized
Output	
Rating	10 A resistive at 120/240 V AC & 28 V DC; 1/3 hp at 120/240 V AC
Mechanical	
Package	3.2 x 2.4 x 1.8 in. (81.3 x 60.7 x 45.2 mm)
Mounting	Requires accessory 8 pin (Octal) socket

Ordering Table

Part Number	Voltage	Function	Time Range	Connection
TDB120AL	120 V AC	Delay on Break	1 ... 1023 s	B
TDI120AL		Interval		A
TDM120AL		Delay on Make		A
TDML120AL		Delay on Make	0.1 ... 102.3 s	A
TDMH120AL		Delay on Make	10 ... 10230 s	A
TDS120AL		Single Shot	1 ... 1023 s	B
TDB24AL	24 V AC	Delay on Break		B
TDM24AL		Delay on Make		A
TDM12DL	12 V AC	Delay on Make		A
TDML12DL		Delay on Make	0.1 ... 102.3 s	A

Call for 230 V AC, 110 V DC and combinations not listed

Functions



S1 = Initiate Switch V = Voltage R = Reset
NO = Normally Open NC = Normally Closed
TD = Time Delay —||— = Undefined time