

Dedicated Timers

TDR Recycling / CT-ERD Delay on Make Timers

Time Delay Relays

Time Delay Relay



10 YEAR WARRANTY

- Switch Settable Time Delays - Both Times Adjustable
- 0.1 s ... 2.8 h in 3 Ranges
- +/-0.1% Repeat Accuracy
- +/-2% Setting Accuracy
- 10 A DPDT Isolated Relay Contacts
- Octal Plug-in Base Connection

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



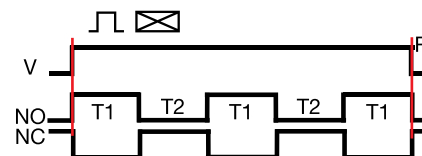
TDR Series - Plug-in Digi Set Recycling Timer

The TDR Series is an octal plug-in recycling time delay relay with full 10A DPDT contacts. It provides separate adjustment of ON and OFF time delays with two ten position DIP switches. Switch adjustment ensures accurate adjustment of the time delay the first time and every time. An accessory 8 pin socket required for mounting and connection. (see accessory pages)

Technical Data

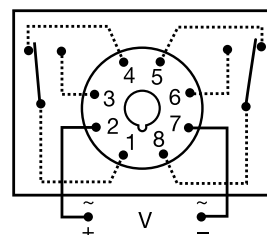
Output	Rating	10 A resistive at 120/240 V AC & 28 V DC; 1/3 hp at 120/240 V AC
Mechanical	Package	3.2 x 2.39 x 1.78 in. (81.3 x 60.7 x 45.2 mm)
	Mounting and Connection	Surface or 35mm DIN rail mounting

Function



V = Voltage R = Reset T1 = ON Time
 T2 = OFF Time NO = Normally Open
 NC = Normally Closed

Connection



Relay contacts are isolated.
 Dashed lines are internal connections.

Ordering Table

Part Number	Voltage	Sequence	ON Time	OFF Time
TDR4A11	120 V AC	ON Time First	0.1 to 102.3 s	0.1 to 102.3 s
TDR4A22			1 to 1023 s	1 to 1023 s
TDR4A33			10 to 10230 s	10 to 10230 s

CT-ERD - 17.5 mm, 35 mm DIN Rail Mount, Delay on Make Timer

The CT-ERD series provides more load switching capacity, 6 amp, in a thinner 35mm DIN mount package. Timing begins when control supply voltage is applied. The green LED flashes during timing. When the time delay is complete, the output relay energizes and the green LED glows. If control supply voltage is interrupted, the output relay de-energizes and the time delay is reset.

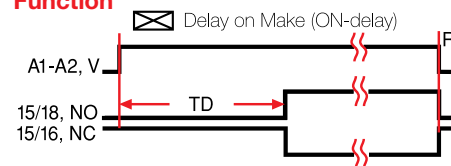


- Delay on Make, (ON delay) Function
- 7 Time Ranges 0.05 s ... 100 h
- SPDT (c/o) Relay Contact
- 2 LED Indicators
- Universal Voltage
- 24 ... 240 V AC; ... 48 V DC
- 6A SPDT (c/o) Contact

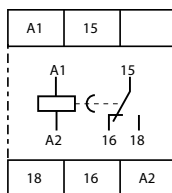


- 1 Time Range Selector Switch
- 2 LEDs for Status Indication
- U - Green LED: Control Supply Voltage Applied & timing
- R - Yellow LED: Output Relay Energized
- 3 Time Delay Adjustment
- 4 Space Saving Package

Function



Connection



A1-A2 - Supply Voltage
 15-16/18 - Isolated SPDT (c/o) Contacts

Technical Data

Time Ranges	7 time ranges 0.05 s - 100 h	1.) 0.05-1 s 2.) 0.5-10 s 3.) 5-100 s	4.) 0.5-10 min 5.) 5-100 min	6.) 0.5-10 h 7.) 5-100 h
Output	AC12 (resistive) at 230 V AC15 (inductive) at 230 V	6 A 3 A		
Mechanical	Dimensions (W x H x D) Mounting enclosure / terminals	17.5 mm x 70 mm x 58 mm (0.69 x 2.76 x 2.28 inches) DIN3 rail, snap-mounting (no tools required) IP50 / IP20		

Ordering Table

Series	Part Number	Voltage
CT-ERD.12	1SVR 500 100 R0000	24-48 V DC, 24-240 V AC

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