

Series TD10

Ratings

AC: up to 4 form C contacts; 2, 5 or 10 amp @ 115VAC, 50/60Hz
DC: up to 4 form C contacts; 2, 5 or 10 amp @ 29VDC

Description

Miniaturization
High reliability at low cost
Mounting and terminal options
Reverse polarity protection
No false operation
2-pole or 4-pole models
Fixed or adjustable timing
Low-level to 10 amp loading
Choice of interval or Delay-to-make
Time ranges from 0.1 to 100 seconds

Performance Data

Repeat accuracy: $\pm 2\%$
Reset Time:
70ms max. (DC); 200ms max. (AC)
Temperature Range: 0°C to 55°C
Timing Adjustment: 500kohm multi-turn potentiometer for internal adjustment
Any Fixed Time: 0.1 to 100 seconds
Dielectric Strength: 1000V rms
Life: Mechanical 100 million operations
Electrical—see Cradle® relay life expectancy chart

The TD10 utilizes the service proved T154 Cradle® relay with a solid state timing circuit to provide timing from 0.1 to 100 seconds with $\pm 2\%$ repeat accuracy. Available as "time delay to make" or "interval" timing models with optional operating and mounting features.

Catalog Number	Time Range (in seconds)	Input Volt
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INTERVAL

TD10NA-2C-12DNB	0.1 to 10	12VDC
TD10NA-2C-24DNB	0.1 to 10	24VDC
TD10NA-2C-115ANB	0.1 to 10	115VAC 50/60 Hz
TD10NA-2C-12DND	1 to 100	12VDC
TD10NA-2C-24DND	1 to 100	24VDC
TD10NA-2C-115AND	1 to 100	115VAC 50/60 Hz

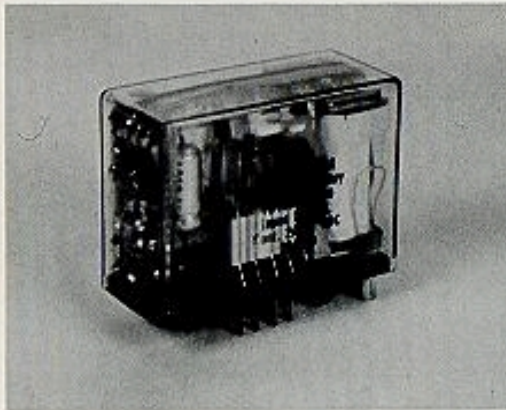
DELAY TO MAKE

TD10DA-2C-12DNB	0.1 to 10	12VDC
TD10DA-2C-24DNB	0.1 to 10	24VDC
TD10DA-2C-115ANB	0.1 to 10	115VAC 50/60 Hz
TD10DA-2C-12DND	1 to 100	12VDC
TD10DA-2C-24DND	1 to 100	24VDC
TD10DA-2C-115AND	1 to 100	115VAC 50/60 Hz

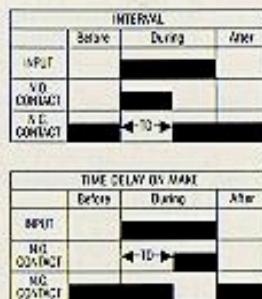
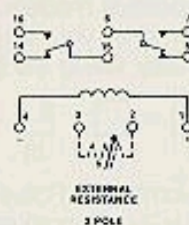
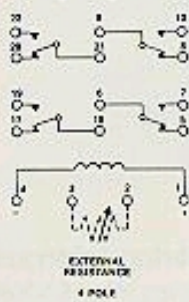
Ordering Information

TD10 I II III IV V VI VII

- I. Function
D—Time delay to make
N—Interval
- II. Terminal Type
A—Plug-in pins
B—Printed circuit pins
- III. Contact Configuration
2—2 form C, DPDT
4—4 form C, DPDT

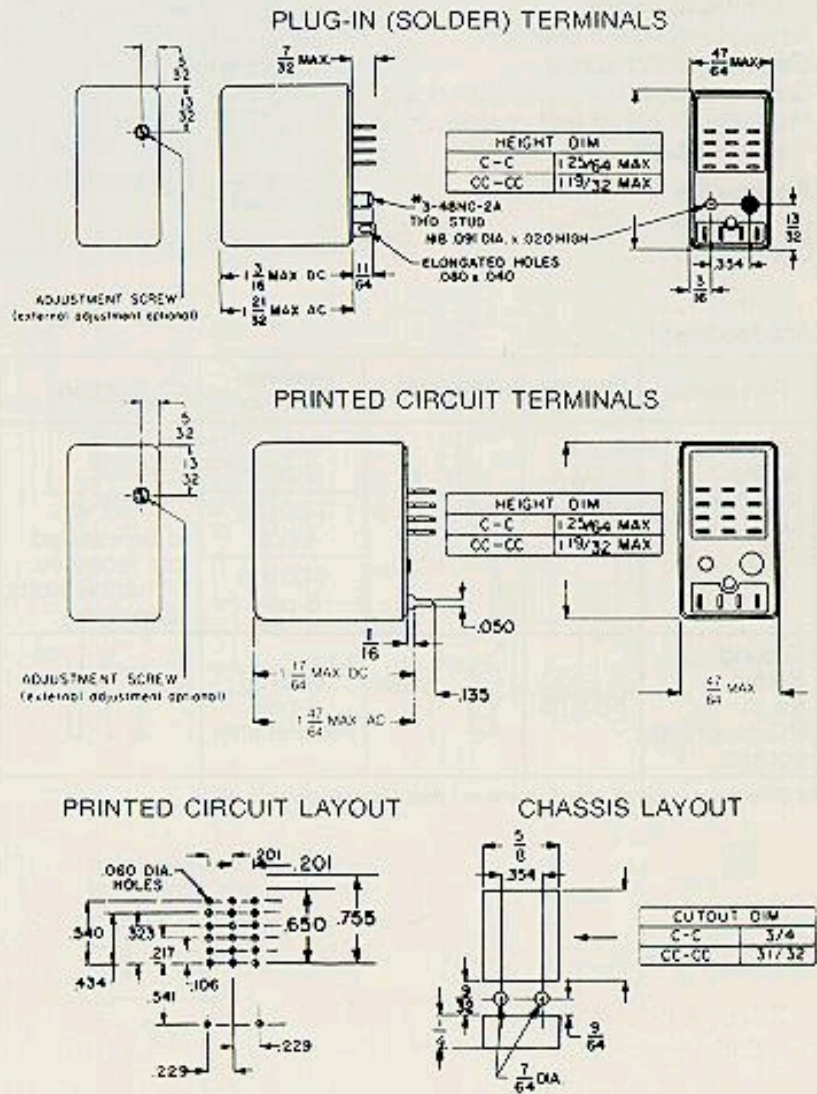


Wiring Diagrams



- IV. Contact Type
A—Single point; fine silver, gold Diffused; for 2 ampere
B—Bifurcated; fine silver, gold Diffused; low level under 60mA
C—Single point; silver cadmium oxide, gold plated; for 3 to 5 amp
- V. Nominal Input Voltage
12D—12VDC
24D—24VDC
48D—48VDC
115A—115VAC

Dimension Drawings



Uses Cradle® sockets. 6-pole for 2C timer, 8-pole socket for 4C timer. See page 8.