

## TRIGGERED DELAY-ON-RELEASE TIME DELAY RELAYS

### DCR10 Series Time Delay Relays



The DCR10 has CMOS digital circuitry with DPDT relay output. Delay-on-release timing mode. Timing selection: Knob adjustable potentiometer or factory fixed. UL File #E96738(M). CSA File #LR62586. Contact rating:10 Amps @ 240V AC resistive. Operating temp. Range: -45 C to +70 C. Mounting: 11-pin octal style plug. Spade terminal style available. Timing tolerance:fixed units +/- 5%, adjustable units 0 to +10% of max.specified delay time, min.specified delay time at low end. Repeatability:+/- 1%. Reset: Upon interruption of power.

#### Ordering Information:

120 A P 1 - 60 M L DCR10  
 ↑ ↑ ↑ ↑ ↑ ↑ ↑  
 A B C D E F G H

- A: Denotes nominal input voltage. Voltages Available: 12, 24 & 120V AC;12, 24, 48 & 110V DC. **Custom Voltages are available.**
- B: Denotes type of input current required for operation: A = AC- Alternating Current, D = DC- Direct Current
- C: Denotes contact form:P= DPDT - 2 form C.
- D & E: Denotes range of knob adjustability for timing (in seconds, minutes or hours) where:D= Minimum time delay. E= Maximum time delay for adjustable TDR'S.
- Note: 1.) Contact factory for ranges available. **Custom Timing is available.**  
 2.) Both values (D & E) can be replaced by a single value for a factory preset time delay in seconds, minutes or hours from 0.1 secs. through 1000 hours.
- F: Denotes use of seconds, minutes or hours in timing value(s), S = seconds, M = minutes, H = hours.
- G: Enter "L"if optional11-pin spade terminals are required. Call factory for dimensional differences.
- H: Denotes use of solid state digital circuitry of DCR10 Series.

Mfr. No.	Delay	Input Voltage	Mode of Operation
120AP.1-10SDCR10	.1-10 SEC	120V AC	DPDT
120AP1-60HDCR10	1-60 HRS	120V AC	DPDT
120AP1-10MDCR10	1-10 MIN	120V AC	DPDT
12DP.1-10SDCR10	.1-10 SEC	12V DC	DPDT
12DP1-60HDCR10	1-60 HRS	12V DC	DPDT
12DP1-10MDCR10	1-10 MIN	12V DC	DPDT
24DP.1-10SDCR10	.1-10 SEC	24V DC	DPDT
24DP1-60HDCR10	1-60 HRS	24V DC	DPDT
24DP1-10MDCR10	1-10 MIN	24V DC	DPDT

Many other configurations available;consult factory.

### STB Series Time Delay Relays



The STB Series triggered delay-on-release time delay relay has CMOS digital timing circuitry. Units are 100% solid state with no moving parts to wear out. The relay is packaged in the popular hockey puck enclosure, epoxy sealed. Timing can be factory fixed or adjustable by use of a user supplied resistor or potentiometer. Contact rating:2 Amp continuous load. Mounting: Single center hole mount. Timing tolerance: Fixed units +/- 10%. Repeatability: +/- 2%. Timing cycle interrupt transfer: None.

#### Ordering Information:

120 A .2 - 20 S STB  
 ↑ ↑ ↑ ↑ ↑  
 A B C D E F

- A: Denotes nominal input voltage. Voltages available: 12V, 24V, 120V & 230V AC; 12V, 24V, 48V & 110V DC. **Custom voltages are available.**
- B: Denotes type of input power required for operation: A = AC- Alternating Current; D = DC - Direct Current.
- C & D: Denotes range of adjustability by using an external resistor or potentiometer, where C is the minimum timing and D is the maximum timing. Standard timing span is 100:1. For fixed timing units specify a single number.
- E: Denotes unit of time delay:S=seconds; M=minutes; H=hours.
- F: Denotes Amperite STB Series triggered delay-on-release relay.

Mfr. No.	Delay in Seconds	Input Voltage	Mode of Operation
120A.1-10SSTB	.1-10	120V AC	N.O.*
120A1-100SSTB	1-100	120V AC	N.O.*
12D.1-10SSTB	.1-10	12V DC	N.O.*
12D1-100SSTB	1-100	12V DC	N.O.*
24D.1-10SSTB	.1-10	24V DC	N.O.*
24D1-100SSTB	1-100	24V DC	N.O.*

Many other configurations available;consult factory.  
 \* Denotes single pole, normally open.