

Time Delay Relays – Delay on Release

R32 Series



Features

- $\pm 0.1\%$ Repeatability
- 11-Pin Octal Base
- Knob with Calibrated Scale
- 3-Timing Ranges
- Impact Proof Dust Cover
- IC Hybrid Circuitry for Timing



OPERATION

DELAY ON RELEASE– Input voltage must be applied continuously to operate the internal relay. When the control switch is closed, the relay energizes. When the control switch is opened, timing begins. When timing is complete, the relay will deenergize. Time may be reset to zero during timing by closing the control switch.



AC OPERATED

NTE Type No.	Nom. Voltage	Contact Arr.	Input Cur. Nom.	Max. Contact Cur. @ 28VDC or 120VAC	Diag No.
R32-11A10-120K	120VAC/DC	DPDT	20mA	10A	D17A
R32-11A10-120L	120VAC/DC	DPDT	20mA	10A	D17A
R32-11A10-120M	120VAC/DC	DPDT	20mA	10A	D17A

DC OPERATED

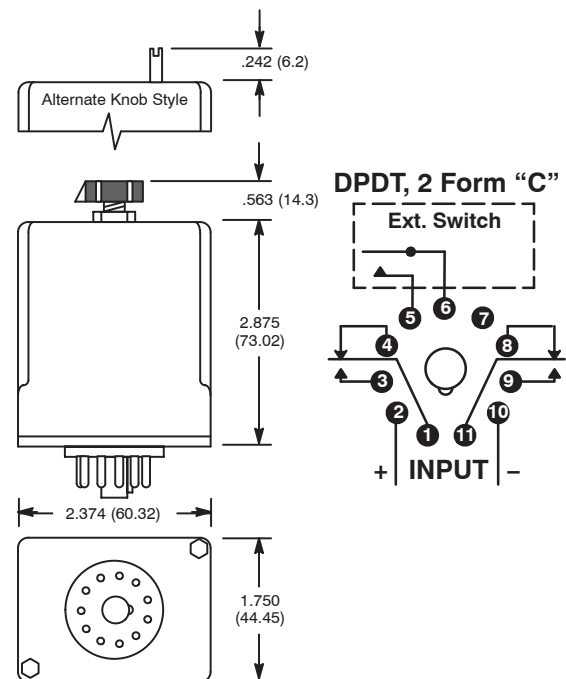
R32-11D10-24K	24VDC/AC	DPDT	40mA	10A	D17A
R32-11D10-24L	24VDC/AC	DPDT	40mA	10A	D17A

ACCESSORIES

MOUNTING STYLES	DESCRIPTION	NTE TYPE NO.
SURFACE MOUNT	11-PIN OCTAL	R95-104
PANEL MOUNT	11-PIN OCTAL	R95-119
DIN RAIL MOUNT	11-PIN OCTAL	R95-114
DIN RAIL MOUNT	11-PIN OCTAL	R95-182

DPDT, 10 Amp AC & DC Adjustable Slow Release (Delay On Release) Time Delay Relays.

D17



Electrical Specifications

Contact

Rating: 10 Amps 120 VAC, 30 VDC–8 Amp, 1/2 HP @ 240 VAC, 1/3 HP @ 120 VAC

Life: 500,000 ops @ 120 VAC, 10A resistive

1,000,000 ops @ 120 VAC, 5A resistive

2,000,000 ops @ 120 VAC, 2A resistive

Mechanical Life: 50,000,000 operations

Input

Nominal Input voltage: See Chart

Steady state input current: See Chart

Timing

Timing adjustment modes available:

0.1 to 10 sec (K-suffix)

1.8 to 180 sec (L-suffix)

3.0 to 300 sec (M-suffix)

Repeat Accuracy

$\pm 0.1\%$ – constant voltage & temperature

Percent Timing change over temperature & voltage range:

$\pm 10\%$

Timing tolerance at high end of range: $-0, +40\%$

Timing tolerance at low end of range: $+0, -40\%$

Reset Time: 100 mS max

Protection

Transient: UL508 surge test 5000V for 50 mS

Dielectric Breakdown

Coil To Contact: 1500 VAC

Across Open Contact: 1000 VAC

Noise Immunity: NEMA ICS 2-230 2500 VAC

Environmental Characteristics

Operating: -10°C to $+55^{\circ}\text{C}$

Storage: -55°C to $+85^{\circ}\text{C}$

Weight

Std: 4 oz (115 gram) approx.