

Time Delay Relays – Delay on Release

R36 Series



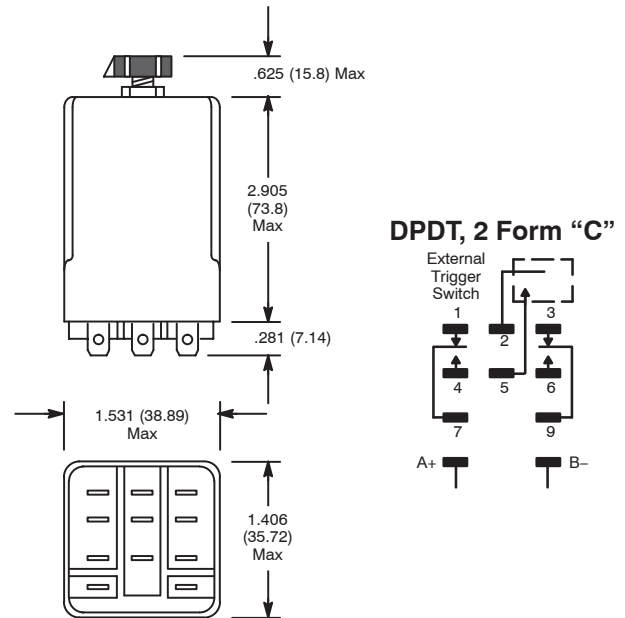
DPDT, 12 Amp Adjustable Delay On Release Time Delay Relay.

Features

- $\pm 0.1\%$ Repeatability
- Socket Mount or Solderable
- .187" (4.75mm) Quick-Connect Terminals
- Knob with Calibrated Scale
- 2-Timing Ranges
- IC Hybrid Circuitry for Timing
- Impact Proof Dust Cover

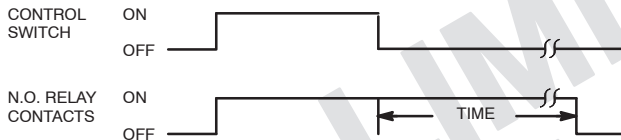


D18



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.



Electrical Specifications

Contact

Rating: 12 Amps @ 120 VAC, 28 VDC Resistive
 1/3 HP @ 120 VAC 1/2 @ 240 VAC
Life: 300,000 operations @ 120 VAC, 12 Amp resistive
 5,000,000 operations @ 32 VDC, 5 Amp resistive

Input

Nominal Input voltage: 120 VAC
Steady state input current: 20mA @ 120 VAC

Timing

Timing adjustment modes available:
 0.1 to 10 sec (K-suffix)
 1.8 to 180 sec (L-suffix)

Repeat Accuracy

$\pm 0.1\% \pm 33$ mS AC 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: Twice normal for 1 mS

Dielectric Breakdown

Contact To Coil: 2000 VAC
Across Open Contact: 1000 VAC

Environmental Characteristics

Operating: -10°C to $+55^{\circ}\text{C}$
Storage: -55°C to $+85^{\circ}\text{C}$

Weight

Std: 4 oz (96 grams) approx.

AC OPERATED

NTE Type No.	Nom. Voltage	Contact Arr.	Input Cur. Nom.	Max. Contact Cur. @ 28VDC or 120VAC	Diag No.
R36-11A12-120K	120VAC	DPDT	20mA	12A	D18
R36-11A12-120L	120VAC	DPDT	20mA	12A	D18

ACCESSORIES

MOUNTING STYLES	DESCRIPTION	NTE TYPE NO.
SURFACE MOUNT	11-PIN BLADE	R95-105
PANEL MOUNT SOLDER TERM	11-PIN BLADE	R95-116
PANEL MOUNT QUICK CONNECT	11-PIN BLADE	R95-124
DIN RAIL MOUNT	11-PIN BLADE	R95-115
PC MOUNT	11-PIN BLADE	R95-123