

# Time Delay Relays – Delay on Release

## R36 Series



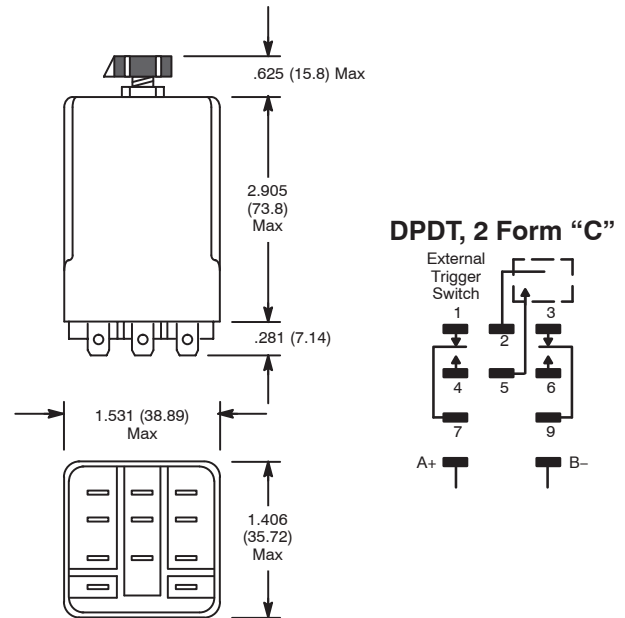
## DPDT, 12 Amp Adjustable Delay On Release Time Delay Relay.

### Features

- ± 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

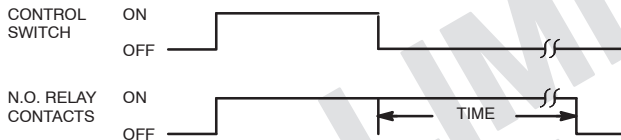


### D18



### 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

± 0.1% ±33 mS AC constant voltage & temperature  
**Percent Timing change over temperature & voltage range:**  
 ± 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°C  
**Storage:** –55°C to +85°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