

## 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

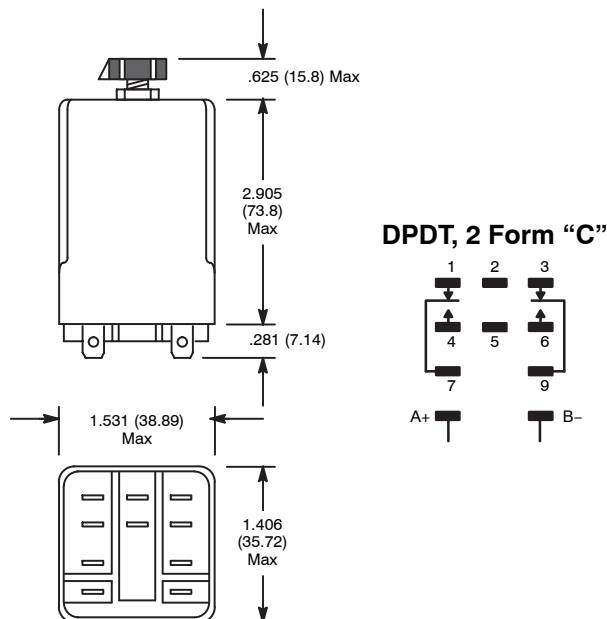


# R34 Series



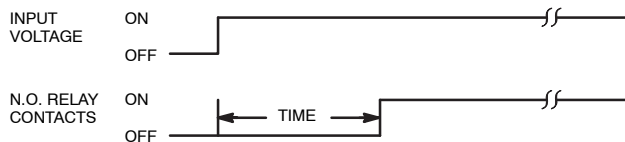
## DPDT, 12 Amp Adjustable Delay On Operate Time Delay Relay.

### D18



## OPERATION

**DELAY ON OPERATE**— The delay period begins when input voltage is applied. At the end of the delay period, the relay will operate and will not release until input voltage is removed. Reset occurs when input voltage is reapplied.



**Note:** Pin2 & Pin5 can be removed and have no electrical connection.

## 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:**  $-10^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$   
**Storage:**  $-55^{\circ}\text{C}$  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. |
| R34-11A12-120K | 120VAC       | DPDT         | 20mA            | 12A                                 | D18A     |
| R34-11A12-120L | 120VAC       | DPDT         | 20mA            | 12A                                 | D18A     |

| 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      |