

# Time Delay Relays – Interval On

## R30 Series



## DPDT, 10 Amp AC & DC Adjustable Interval Time Delay Relay.

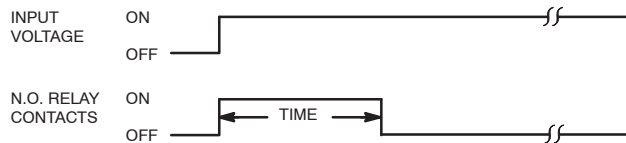
### Features

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



### OPERATION

**INTERVAL ON**– The relay will operate immediately when the input voltage is applied. At the end of an adjustable interval the relay will release and remain in this state until re-application of the input voltage.



### AC OPERATED

NTE Type No.	Nom. Voltage	Contact Arr.	Input Cur. Nom.	Max. Contact Cur. @ 28VDC or 120VAC	Diag No.
R30-11A10-120K	120VAC	DPDT	20mA	10A	D16
R30-11A10-120L	120VAC	DPDT	20mA	10A	D16
R30-11A10-120M	120VAC	DPDT	20mA	10A	D16

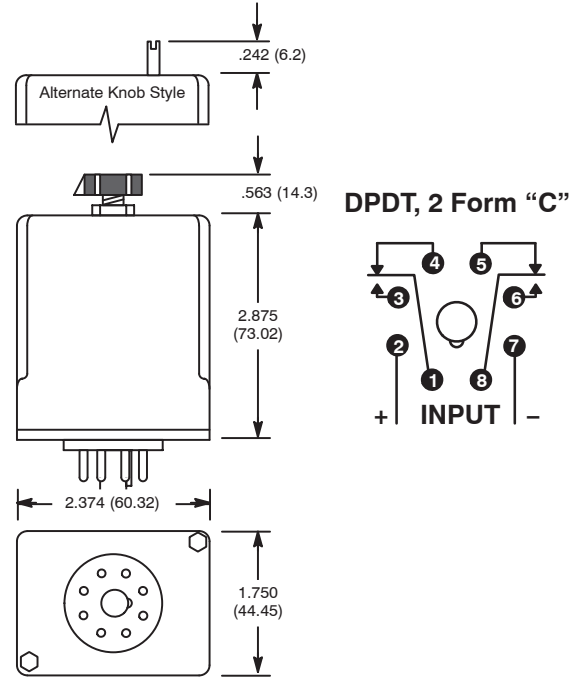
### DC OPERATED

R30-11D10-24K	24VDC	DPDT	40mA	10A	D16
R30-11D10-24L	24VDC	DPDT	40mA	10A	D16

### ACCESSORIES

MOUNTING STYLES	DESCRIPTION	NTE TYPE NO.
SURFACE MOUNT	8-PIN OCTAL	R95-101
PANEL MOUNT	8-PIN OCTAL	R95-118
DIN RAIL MOUNT	8-PIN OCTAL	R95-113
DIN RAIL MOUNT	8-PIN OCTAL	R95-181

### D16



## 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°C

**Storage:** –55°C to +85°C

### Weight

**Std:** 4 oz (115 gram) approx.