

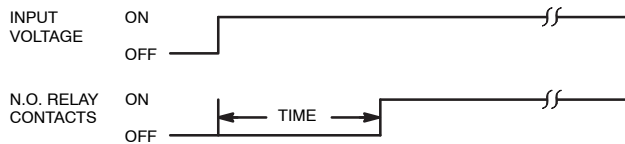
Features

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



OPERATION

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.



| AC OPERATED | | | | | |
|----------------|--------------|--------------|-----------------|-------------------------------------|----------|
| NTE Type No. | Nom. Voltage | Contact Arr. | Input Cur. Nom. | Max. Contact Cur. @ 28VDC or 120VAC | Diag No. |
| R28-11A10-120K | 120VAC | DPDT | 20mA | 10A | D16 |
| R28-11A10-120L | 120VAC | DPDT | 20mA | 10A | D16 |
| R28-11A10-120M | 120VAC | DPDT | 20mA | 10A | D16 |
| DC OPERATED | | | | | |
| R28-11D10-24K | 24VDC | DPDT | 40mA | 10A | D16 |
| R28-11D10-24L | 24VDC | DPDT | 40mA | 10A | D16 |

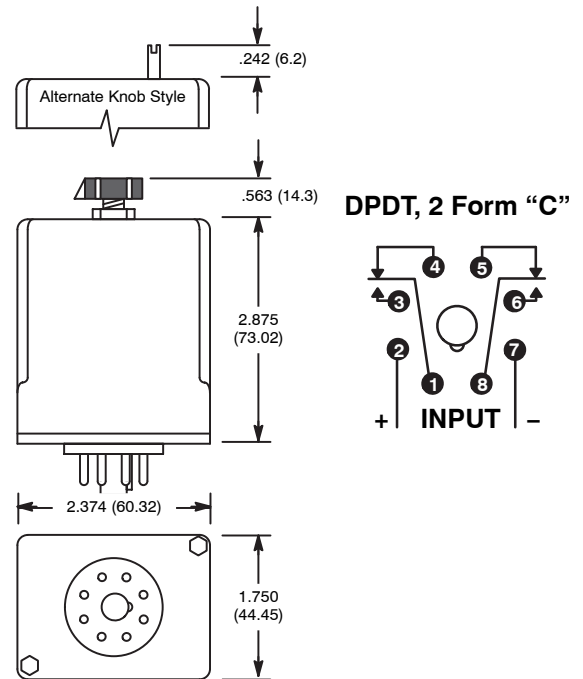
| ACCESSORIES | | |
|-----------------|-------------|--------------|
| MOUNTING STYLES | DESCRIPTION | NTE TYPE NO. |
| SURFACE MOUNT | 8-PIN OCTAL | R95-101 |
| PANEL MOUNT | 8-PIN OCTAL | R95-118 |
| DIN RAIL MOUNT | 8-PIN OCTAL | R95-113 |
| DIN RAIL MOUNT | 8-PIN OCTAL | R95-181 |

R28 Series



DPDT, 10 Amp AC & DC Adjustable Delay On Operate Time Delay Relays.

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.

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