

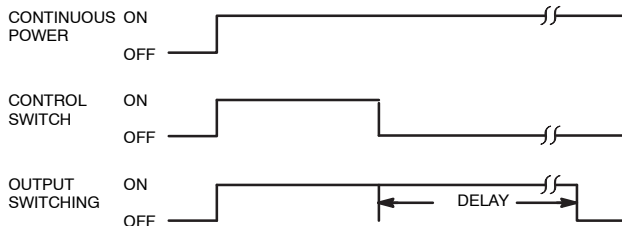
Features

- 16 Time Ranges in Single Timer (0.1 sec. to 120 min.)
- User Sets Time Ranges
No Math – Just Flip Switches
- Instructions Right on Unit
- Fine Tuning Knob for Precision Timing
- Pin for Pin Interchangeable with Timers in the Field – No Rewiring
- AC or DC Operation
- CMOS Digital Circuitry – 0.5% Repeatable Accuracy



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.



AC or DC OPERATED					
NTE Type No.	Nom. Voltage	Contact Arr.	Input Cur. Nom.	Max. Contact Cur. @ 28VDC or 120VAC	Diag No.
R61-11AD10-12	12VAC/DC	DPDT	167mA	10A	D36
R61-11AD10-24	24VAC/DC	DPDT	83mA	10A	D36
R61-11AD10-120	120VAC/DC	DPDT	17mA	10A	D36

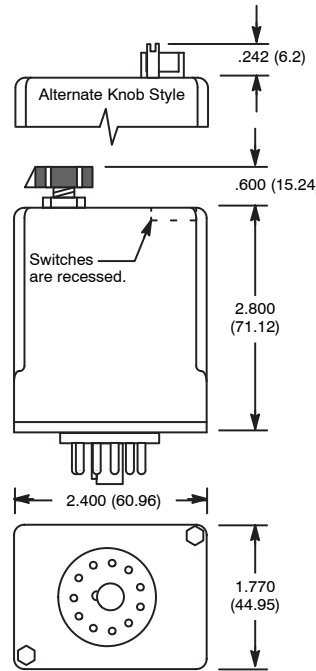
ACCESSORIES		
MOUNTING STYLES	DESCRIPTION	NTE TYPE NO.
SURFACE MOUNT	11-PIN OCTAL	R95-104
PANEL MOUNT	11-PIN OCTAL	R95-119
DIN RAIL MOUNT	11-PIN OCTAL	R95-114
DIN RAIL MOUNT	11-PIN OCTAL	R95-182

R61 Series



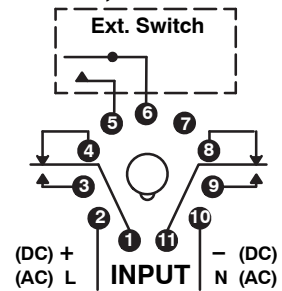
Programmable, DPDT, 10 Amp, AC or DC, Delay On Release Time Delay Relays.

D36



1 2 3 4	Knob Style	TIME RANGE		Seconds
		Min	Max	
↑↑↑↑	A	0.1	0.25	Seconds
↑↑↑↑	B	0.15	0.5	
↑↑↑↑	C	0.3	1.0	
↑↑↑↑	D	0.5	2.0	
↑↑↑↑	E	1.0	4.0	
↑↑↑↑	F	2.0	8.0	
↑↑↑↑	G	4.0	15	
↑↑↑↑	H	8.0	30	
↑↑↑↑	I	15	60	
↑↑↑↑	J	30	120	
↑↑↑↑	K	1.0	4.0	Minutes
↑↑↑↑	L	2.0	8.0	
↑↑↑↑	M	4.0	15	
↑↑↑↑	N	8.0	30	
↑↑↑↑	O	15	60	
↑↑↑↑	P	30	120	

DPDT, 2 Form "C"



Electrical Specifications

Contact

Rating: 10 Amps 240VAC or less, 1/3 HP, 240VAC or 120VAC Pilot Duty 345VA, 120VAC or 240VAC, 50/60Hz
Life: 5,000,000 operations at full load
Mechanical Life: 7,000,000 operations at no load

Input

Nominal Input voltage: See Chart
Steady state input current: See Chart

Timing

Timing adjustment modes available: See Timing Range Chart

Repeat Accuracy

± 0.5% – after established at steady temperature (4 hours)
Timing tolerance at high end of range: -0, +10%
Timing tolerance at low end of range: +0, -50%
Reset Time: 60 mS typ

Protection

Transient: surge test 10,000V for 20 mS

Dielectric Breakdown

Coil To Contact: 1850 VAC
Across Open Contact: 1850 VAC

Environmental Characteristics

Operating: -20°C to +55°C

Weight

Std: 4.5 oz (130 grams) approx.