

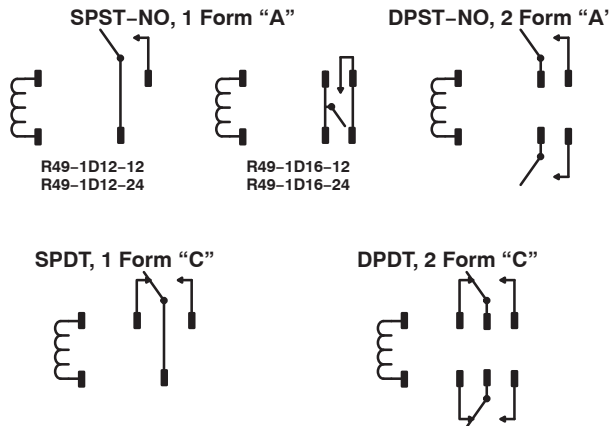
# PC Mount Relays

## R49 Series

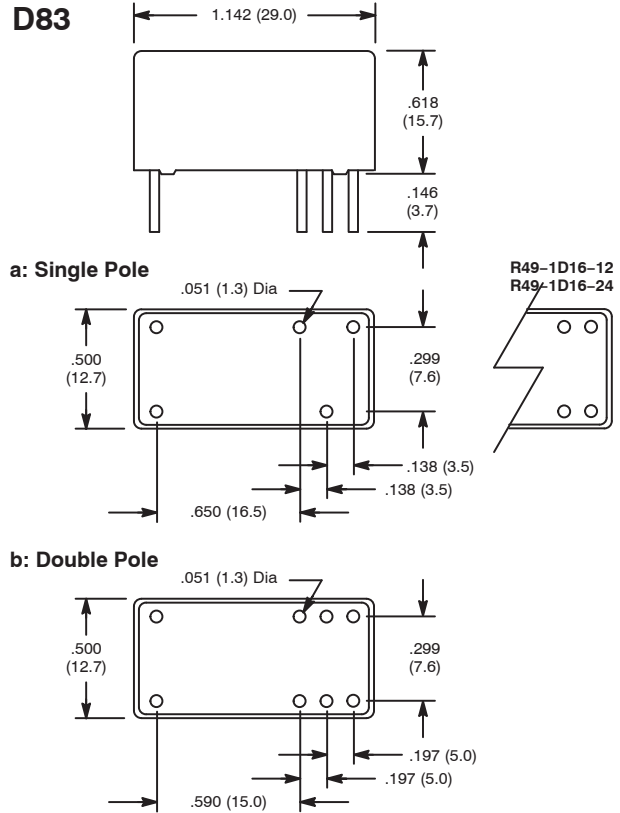


### Features

- Low Height
- Plastic Sealed
- SPST-NO, DPST-NO, SPDT, & DPDT Types



## Low Height, Sealed, 8 Amp, 12 Amp, and 16 Amp, DC, Printed Circuit Mount Relays



DC OPERATED						
NTE Type No.	Nom. Voltage	Contact Arr.	Coil Res. Ohms (Typ)	Nom. Power	Max. Contact Cur. @ 240VAC	Diag No.
R49-7D8-12	12VDC	DPST-NO	360	400mW	8A	D83b
R49-7D8-24	24VDC	DPST-NO	1440	400mW	8A	D83b
R49-11D8-12	12VDC	DPDT	360	400mW	8A	D83b
R49-11D8-24	24VDC	DPDT	1440	400mW	8A	D83b
R49-1D12-12	12VDC	SPST-NO	360	400mW	12A	D83a
R49-1D12-24	24VDC	SPST-NO	1440	400mW	12A	D83a
R49-5D12-12	12VDC	SPDT	360	400mW	12A	D83a
R49-5D12-24	24VDC	SPDT	1440	400mW	12A	D83a
R49-1D16-12	12VDC	SPST-NO	360	400mW	16A	D83a
R49-1D16-24	24VDC	SPST-NO	1440	400mW	16A	D83a
R49-5D16-12	12VDC	SPDT	360	400mW	16A	D83a
R49-5D16-24	24VDC	SPDT	1440	400mW	16A	D83a

ACCESSORIES		
MOUNTING STYLES	DESCRIPTION	NTE TYPE NO.
PC Mount	5-Pin	R95-133
	8-Pin	R95-132
Din Rail Mount	5-Pin	R95-130
	8-Pin	R95-131

NOTE: No sockets are available for the 16 Amp devices.

## Electrical Specifications

### Contact

**Rating:** See Chart  
**Contact Material:** AgNi10  
**Contact Resistance:** 100 Milliohms Max. initial

### Coil

**Coil Voltages:** See Chart  
**Drop-out Voltage:** 10% of rated voltage  
**Resistance:** See Chart

### Operational Characteristics

**Timing Value** . . . . . **Operate Time:** Approx 20 mS  
**Release Time:** Approx 10 mS

### Insulation Characteristics

**Dielectric Strength**  
**Contact To Coil:** 5000 VRMS  
**Across Open Contacts:** 1000 VRMS  
**Insulation Resistance:** 100 megohms Min.  
@ 500 VDC, 50% RH

### Environmental Characteristics

**Operating:** -40°C to +85°C  
**Mechanical Life:** 10,000,000 operations min

### Weight

**Std:** 10 gram approx.