

Features

- DPDT and 4PDT versions
- Combination solder/plug-in terminals
- Printed circuit mount version (P-suffix)
- See-thru plastic cover
- Gold overlay bar type long life contacts
- **RED** indicates new device

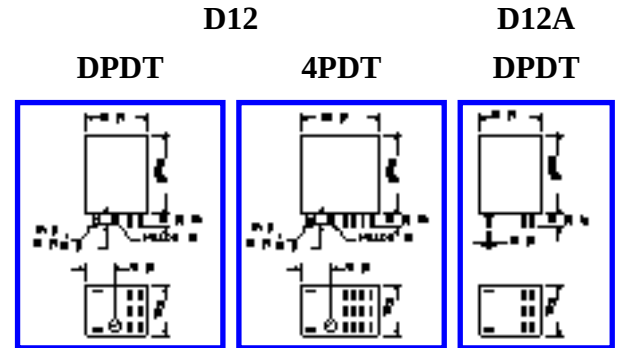


R16 Series



Miniature Industrial, 3 Amp & 5 Amp AC & DC Relays

Dimensional Drawings

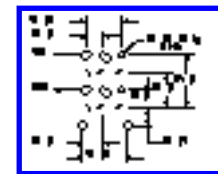


Contact Arrangement

DPDT, 2 Form "C"
4PDT, 4 Form "C"



Suggested Circuit Board Layout



Electrical Specifications

Contact

Contact Rating: See chart

Contact Material: Silver, gold alloy and gold overlay

Contact Resistance: 0.050 Max initial

Coil

Coil Voltages: See Chart

Pick-up Voltages: 80% of nominal or less

Resistance: See chart

Operational Characteristics

AC OPERATED

NTE Type No.	Nom. Voltage	Contact Arr.	Coil Res. Ohms (Typ)	Nom. Power	Max. Contact Cur. @ 28VDC or 120VAC	Diag. No.
R16-11A5-115	120VAC	DPDT	-	1.5VA	5A	D12
R16-17A5-115	120VAC	4PDT	-	2.5VA	5A	D12

DC OPERATED

R16-11D5-5	5/6VDC	DPDT	52	0.5W	5A	D12
R16-11D5-12	12VDC	DPDT	185	0.75W	5A	D12
R16-11D5-24	24VDC	DPDT	700	1W	5A	D12
R16-17D5-5	5/6VDC	4PDT	52	1W	5A	D12
R16-17D5-12	12VDC	4PDT	185	1W	5A	D12
R16-17D5-12P	12VDC	4PDT	185	1W	5A	D12A
R16-17D5-24	24VDC	4PDT	700	1W	5A	D12
R16-17D5-24P	24VDC	4PDT	700	1W	5A	D12A
R16-11D3-12	12VDC	DPDT	185	0.75W	3A	D12
R16-11D3-12P	12VDC	DPDT	185	1W	3A	D12A
R16-11D3-24	24VDC	DPDT	700	1W	3A	D12
R16-11D3-24P	24VDC	DPDT	700	1W	3A	D12A
R16-17D3-12	12VDC	4PDT	185	0.75W	3A	D12
R16-17D3-24	24VDC	4PDT	700	1W	3A	D12

ACCESSORIES

Mounting Styles	Description	NTE Type No.
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Panel Mount	DPDT	10-Pin Blade	R95-103
	4PDT	16-Pin Blade	R95-109
	6PDT	22-Pin Blade	RLY9134
Flange Mount	DPDT	10-Pin Blade	RLY9173
	4PDT	16-Pin Blade	RLY9174
	6PDT	22-Pin Blade	RLY9135
PC Mount	DPDT	10-Pin Blade	R95-102
		10-Pin Blade	RLY9170
	4PDT	16-Pin Blade	R95-108
		16-Pin Blade	RLY9171
	6PDT	22-Pin Blade	RLY9135
		22-Pin Blade	RLY9172

Timing Values (At nominal coil voltage):

Operate Time: DPDT - 12mS

4PDT - 14mS or less

Release Time: 8mS or less

Insulation Characteristics

Dielectric Strength:

Contact to Coil: 1500 VRMS

Across Open Contacts: 500 VRMS

Coil to Frame: 1000 VRMS

Insulation Resistance: 1000 megohms Min
at +25°C and 50% RH

Environmental Characteristics

Operating: -55°C to +70°C, 10sec max

Solder-bath: +525°F (+260°C) approx

Weight

Std: 0.8 to 1.4 ozs. (22 to 40 grams) - approx



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