

Features

- Slightly larger than one cubic inch
- SPDT, DPDT, 3PDT, & 4PDT
- See-thru plastic cover
- Plug-in or solder terminal, will also accept .187" faston terminals
- PC board mount (P-suffix)
- Flange mount version (F-suffix)
- Indicator lamp types (N-suffix)
- High reliability, 50 million operations
- **RED** indicates new device



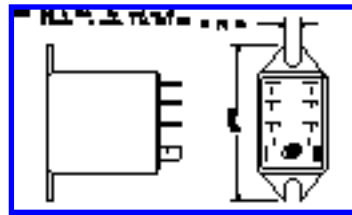
R14 Series



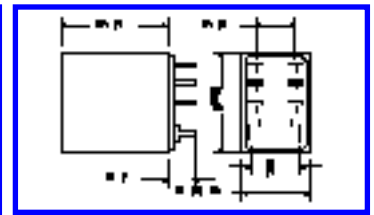
General Purpose, 10 Amp & 15 Amp AC & DC Relays

Dimensional Drawings

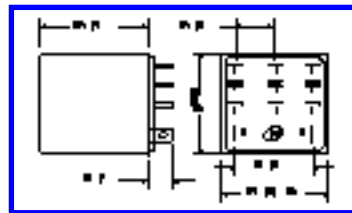
D10



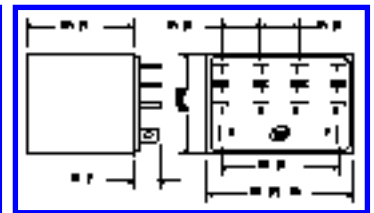
D10A



D59



D57



AC OPERATED

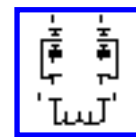
NTE Type No.	Nom. Voltage	Contact Arr.	Coil Res. Ohms (Typ)	Nom. Power	Max. Contact Cur. @ 28VDC or 120VAC	Diag. No.
R14-5A15-24	24VAC	SPDT	-	1.2VA	15A	D10
R14-5A15-120	120VAC	SPDT	-	1.2VA	15A	D10
R14-5A15-240	240VAC	SPDT	-	1.2VA	15A	D10
R14-11A10-12	12VAC	DPDT	-	1.2VA	10A	D10
R14-11A10-12F	12VAC	DPDT	-	1.2VA	10A	D10
R14-11A10-12P	12VAC	DPDT	-	1.2VA	10A	D10A
R14-11A10-24	24VAC	DPDT	-	1.2VA	10A	D10
R14-11A10-24F	24VAC	DPDT	-	1.2VA	10A	D10
R14-11A10-24P	24VAC	DPDT	-	1.2VA	10A	D10A
R14-11A10-120	120VAC	DPDT	-	1.2VA	10A	D10
R14-11A10-120F	120VAC	DPDT	-	1.2VA	10A	D10
R14-11A10-120N	120VAC	DPDT	-	1.2VA	10A	D10
R14-11A10-120P	120VAC	DPDT	-	1.2VA	10A	D10A
R14-11A10-240	240VAC	DPDT	-	1.2VA	10A	D10
R14-14A10-12	12VAC	3PDT	-	1.2VA	10A	D59
R14-14A10-24	24VAC	3PDT	-	1.2VA	10A	D59
R14-14A10-120	120VAC	3PDT	-	1.2VA	10A	D59

Contact Arrangement (Viewed from Pin end of Plug)

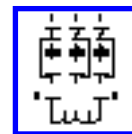
SPDT,
1 Form "C"



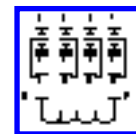
DPDT,
2 Form "C"



3PDT,
3 Form "C"



4PDT,
4 Form "C"



Electrical Specifications

Contact

Contact Rating: 15 Amp @ 150VAC/30VDC,
10 Amp @ 240VAC, 1/3 HP @ 120VAC,
1/2 HP @ 240VAC, 10 Amp @ 240/30VDC Resistive,
1/3 HP @ 120VAC, 1/2 HP @ 240VAC

Contact Material: Silver cadmium oxide

R14-17A10-12	12VAC	4PDT	-	1.2VA	10A	D57
R14-17A10-24	24VAC	4PDT	-	1.2VA	10A	D57
R14-17A10-120	120VAC	4PDT	-	1.2VA	10A	D57
DC OPERATED						
R14-5D15-12	12VDC	SPDT	160	0.9W	15A	D10
R14-5D15-24	24VDC	SPDT	650	0.9W	15A	D10
R14-11D10-6	6VDC	DPDT	40	0.9W	10A	D10
R14-11D10-6F	6VDC	DPDT	40	0.9W	10A	D10
R14-11D10-6P	6VDC	DPDT	40	0.9W	10A	D10A
R14-11D10-12	12VDC	DPDT	160	0.9W	10A	D10
R14-11D10-12F	12VDC	DPDT	160	0.9W	10A	D10
R14-11D10-12P	12VDC	DPDT	160	0.9W	10A	D10A
R14-11D10-24	24VDC	DPDT	650	0.9W	10A	D10
R14-11D10-24F	24VDC	DPDT	650	0.9W	10A	D10
R14-11D10-24P	24VDC	DPDT	650	0.9W	10A	D10A
R14-11D10-48	48VDC	DPDT	2600	0.9W	10A	D10
R14-11D10-110	110VDC	DPDT	11000	0.9W	10A	D10
R14-14D10-6	6VDC	3PDT	25.7	0.9W	10A	D59
R14-14D10-12	12VDC	3PDT	107	0.9W	10A	D59
R14-14D10-24	24VDC	3PDT	410	0.9W	10A	D59
R14-14D10-48	48VDC	3PDT	1700	0.9W	10A	D59
R14-14D10-110	110VDC	3PDT	8500	0.9W	10A	D59
R14-17D10-6	6VDC	4PDT	25	0.9W	10A	D57
R14-17D10-12	12VDC	4PDT	100	0.9W	10A	D57
R14-17D10-24	24VDC	4PDT	350	0.9W	10A	D57
R14-17D10-48	48VDC	4PDT	1600	0.9W	10A	D57
R14-17D10-110	110VDC	4PDT	6900	0.9W	10A	D57

Contact Resistance: 100 milliohms max. (@ 6VDC, 1A)

Coil

Coil Voltages: See Chart

Pick-up Voltages:

80% of nominal or less for AC

75% of nominal or less for DC

Resistance: See chart

Min Sensitivity: 500mW DC .75 volt Amps (60Hz)

Duty Cycle: Continuous

Operational Characteristics

Timing Values (At nominal coil voltage):

Operate Time: 25mS or less

Release Time: 25mS or less

Insulation Characteristics

Dielectric Strength:

Contact to Coil: 1500 VRMS (50/60Hz)

Across Open Contacts: 1000 VRMS (50/60Hz)

Coil to Frame: 1500 VRMS (50/60Hz)

Insulation Resistance: 100 megohms Min @
500VDC

Environmental Characteristics

Operating: -30°C to +55°C

Weight

Std: 1.5 ozs. (45 grams) - approx

ACCESSORIES		
Mounting Styles	Description	NTE Type No.
Surface Mount	8-Pin Blade	R95-110
Panel Mount	8-Pin Blade	R95-111
	11-Pin Blade	RLY9154
	14-Pin Blade	RLY9157
PC Mount	8-Pin Blade	R95-120
	11-Pin Blade	RLY9155
	14-Pin Blade	RLY9158
DIN Rail Mount	8-Pin Blade	R95-121
	11-Pin Blade	RLY9156
	14-Pin Blade	RLY9159



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