



**R12 Series — General Purpose Relays**

**Features**

- Slightly Larger Than 1 Cubic Inch
- Clear Plastic Dust Cover
- High Reliability, 50 Million Operations
- Plug-In or Solder Terminals

**Electrical Specifications**

- Operating Time: 25 mS or Less
- Release Time: 25 mS or Less
- Duty Cycle: Continuous
- Operating Temperature: -30° to +55°C

**AC Operated**

Stock No.	Mfr.'s Type	Fig.	Nominal Voltage	Contact Arrangement	Nominal Power	Max. Contact Current @ 120 VAC	EACH
235-0019	R12-17A3-24	A	24 VAC 24 VAC	4PDT 4PDT	1.2 VA 1.2 VA	3 A 5 A	10.83 10.85
235-0092	R12-17A3-24P	A	24 VAC 24 VAC	4PDT 4PDT	1.2 VA 1.2 VA	3 A 5 A	10.83 10.85

**DC Operated**

Stock No.	Mfr.'s Type	Fig.	Nominal Voltage	Contact Arrangement	Coil Res. Ω (Typ.)	Nominal Power	Max. Contact Current @ 28 VDC	EACH
235-0021	R12-17D3-12	B	12 VDC 24 VDC	4PDT 4PDT	160 650	0.9 W 0.9 W	3 A 3 A	11.00 11.11
235-0022	R12-17D3-24	B	12 VDC 24 VDC	4PDT 4PDT	160 650	0.9 W 0.9 W	3 A 3 A	11.00 11.11

**R16 Series — Miniature Industrial Relays**

**Features**

- Combination Plug-In/Solder Terminals
- Clear Plastic Dust Cover
- Gold Overlay Bar Type Long Life Contacts

**Electrical Specifications**

- Operating Time: 12 mS or Less
- Release Time: 8 mS or Less
- Operating Temperature: -55° to +70°C, 10 Sec. Max.

**DC Operated**

Stock No.	Mfr.'s Type	Fig.	Nominal Voltage	Contact Arrangement	Coil Res. Ω (Typ.)	Max. Nominal Power 28 VDC	Contact Current @	EACH
235-0028	R16-11D3-12	D	12 VDC	DPDT	185	0.75 W	3 A	8.00
235-0030	R16-11D5-24	D	24 VDC	DPDT	700	1.00 W	5 A	8.01

**R24 Series — Upright Epoxy Sealed Power Relays**

**Features**

- High Dielectric — 400 VRMS Between Control and Switching Circuits
- Cut-Off Nib After PCB Washing
- 94 V-O Enclosure

**Electrical Specifications**

- Operating Time: 15 mS Approx.
- Release Time: 10 mS Approx.
- Switching Rate: 5 Operations Per Second (Max.)
- Operating Temperature: -40° to +70°C

**DC Operated**

Stock No.	Mfr.'s Type	Fig.	Nominal Voltage	Contact Arrangement	Coil Res. Ω (Typ.)	Max. Nominal Power 28 VDC	Contact Current @	EACH
235-0034	R24-5D10-12V	E	12 VDC	SPDT	230	0.6 W	10 A	6.22
235-0035	R24-5D10-24V	E	24 VDC	SPDT	920	0.6 W	10 A	5.57
235-1028	R24-5D10-24FP	F	24 VDC	SPDT	1200	600.0 mW	10 A	5.38

**R14 Series — General Purpose Relays**

**Features**

- Slightly Larger Than 1 Cubic Inch
- Clear Plastic Dust Cover
- High Reliability, 50 Million Operations
- Plug-In or Solder Terminals

**Electrical Specifications**

- Operating Time: 25 mS or Less
- Release Time: 25 mS or Less
- Duty Cycle: Continuous
- Operating Temperature: -30° to +55°C

**AC Operated**

Stock No.	Mfr.'s Type	Fig.	Nominal Voltage	Contact Arrangement	Max. Nominal Power 120 VAC	Contact Current @	EACH
235-0023	R14-11A10-24	C	24 VAC	DPDT	1.2 VA	10 A	8.91
235-0024	R14-11A10-120	C	120 VAC	DPDT	1.2 VA	10 A	8.67
235-1030	R14-14A10-24	C	24 VAC	3PDT	1.2 VA	10 A	11.84
235-1032	R14-14A10-120	C	120 VAC	3PDT	1.2 VA	10 A	12.02
235-1034	R14-17A10-24	C	24 VAC	4PDT	1.2 VA	10 A	12.70
235-1036	R14-17A10-120	C	120 VAC	4PDT	1.2 VA	10 A	12.49

**DC Operated**

Stock No.	Mfr.'s Type	Fig.	Nominal Voltage	Contact Arrangement	Coil Res. Ω (Typ.)	Max. Nominal Power 28 VDC	Contact Current @	EACH
235-0025	R14-5D15-12	C	12 VDC	SPDT	160	0.9 W	15 A	7.55
235-0026	R14-11D10-12	C	12 VDC	DPDT	160	0.9 W	10 A	7.97
235-0027	R14-11D10-24	C	24 VDC	DPDT	650	0.9 W	10 A	8.05
235-1038	R14-14D10-12	C	12 VDC	3PDT	107	0.9 W	10 A	11.84
235-1040	R14-14D10-24	C	24 VDC	3PDT	410	0.9 W	10 A	11.84
235-1042	R14-17D10-12	C	12 VDC	4PDT	100	0.9 W	10 A	13.34
235-1044	R14-17D10-24	C	24 VDC	4PDT	350	0.9 W	10 A	13.34

**R22 Series — Slim Line Relays**

**Features**

- Sealed Construction
- Long Life
- PC Board Mount

**Electrical Specifications**

- Operating Time: 30 mS or Less
- Release Time: 8 mS or Less
- Operating Temperature: -30° to +70°C

**DC Operated**

Stock No.	Mfr.'s Type	Fig.	Nominal Voltage	Contact Arrangement	Coil Res. Ω (Typ.)	Max. Nominal Power 30 VDC	Contact Current @	EACH
235-0505	R22-5D16-24	E	24 VDC	SPDT	1100	540 mW	16 A	5.30

**R24 Series — Upright Epoxy Sealed Power Relays**

**Features**

- High Dielectric — 400 VRMS Between Control and Switching Circuits
- Cut-Off Nib After PCB Washing
- 94 V-O Enclosure

**Electrical Specifications**

- Operating Time: 15 mS Approx.
- Release Time: 10 mS Approx.
- Switching Rate: 5 Operations Per Second (Max.)
- Operating Temperature: -40° to +70°C

**DC Operated**

Stock No.	Mfr.'s Type	Fig.	Nominal Voltage	Contact Arrangement	Coil Res. Ω (Typ.)	Max. Nominal Power 28 VDC	Contact Current @	EACH
235-006	R25-1D16-12	G	12 VDC	SPST-NO	270	500 mW	16 A	5.38
235-2010	R25-5D16-12	G	12 VDC	SPDT	270	500 mW	16 A	5.51
235-2012	R25-5D16-48	G	48 VDC	SPDT	4200	500 mW	16 A	5.51
235-2013	R25-11D10-5/6	G	5/6 VDC	DPDT	68	500 mW	10 A	5.14
235-2014	R25-11D10-12	G	12 VDC	DPDT	270	500 mW	10 A	5.14
235-2015	R25-11D10-24	G	24 VDC	DPDT	1100	500 mW	10 A	5.71
235-2016	R25-11D10-48	G	48 VDC	DPDT	4200	500 mW	10 A	5.71