

General Purpose Relays

R11 Series



Features

- See-Thru Plastic Cover
- Plug-In Type Terminals
- RoHS Compliant
- Indicator Lamp Types (N-suffix)
- Locking Test Button/Indicator Lamp Types (BN-suffix)
- High Reliability, 10 Million Operations

General Purpose, 15 Amp, SPDT AC & DC Full-Feature Relays.



AC OPERATED						
NTE Type No.	Nom. Voltage	Contact Arr.	Coil Res. Ohms (Typ)	Nom. Power	Max. Contact Cur. @ 28VDC or 120VAC	Diag No.
R11-5A15-12	12VAC	SPDT	44	1.6VA	15A	D94
R11-5A15-12N	12VAC	SPDT	44	1.9VA	15A	D94
R11-5A15-12BN	12VAC	SPDT	44	1.9VA	15A	D95
R11-5A15-24	24VAC	SPDT	177	1.6VA	15A	D94
R11-5A15-24N	24VAC	SPDT	177	1.9VA	15A	D94
R11-5A15-24BN	24VAC	SPDT	177	1.9VA	15A	D95
R11-5A15-120	120VAC	SPDT	4430	1.6VA	15A	D94
R11-5A15-120N	120VAC	SPDT	4430	1.9VA	15A	D94
R11-5A15-120BN	120VAC	SPDT	4430	1.9VA	15A	D95
R11-5A15-240	240VAC	SPDT	17720	1.6VA	15A	D94
R11-5A15-240N	240VAC	SPDT	17720	1.9VA	15A	D94
R11-5A15-240BN	240VAC	SPDT	17720	1.9VA	15A	D95

DC OPERATED						
NTE Type No.	Nom. Voltage	Contact Arr.	Coil Res. Ohms (Typ)	Nom. Power	Max. Contact Cur. @ 28VDC or 120VAC	Diag No.
R11-5D15-12	12VDC	SPDT	115	1.1W	15A	D94
R11-5D15-12N	12VDC	SPDT	115	1.4W	15A	D94
R11-5D15-12BN	12VDC	SPDT	115	1.4W	15A	D95
R11-5D15-24	24VDC	SPDT	450	1.1W	15A	D94
R11-5D15-24N	24VDC	SPDT	450	1.4W	15A	D94
R11-5D15-24BN	24VDC	SPDT	450	1.4W	15A	D95
R11-5D15-110	110VDC	SPDT	9460	1.1W	15A	D94
R11-5D15-110N	110VDC	SPDT	9460	1.4W	15A	D94
R11-5D15-110BN	110VDC	SPDT	9460	1.4W	15A	D95

Electrical Specifications

Contact

Contact Rating: 15 Amp @ 120 VAC.50/60Hz
 15 Amp @ 277 VAC (1/3 HP)
 15 Amp @ 28 VDC

Maximum Switching Voltage: 300VAC/28VDC
Minimum Switching Requirement: 10mA @ 17VDC
Contact Material: Silver Alloy

Coil

Coil Voltages: See Chart
Pick-up Voltage: 85% (AC/DC)
Drop-out Threshold: 10%, DC
 15%, AC

Resistance: See chart

Operational Characteristics

Timing Values **Response Time:** 20 ms

Insulation Characteristics

Dielectric Strength
Contact To Coil: 2000 VRMS
Pole to Pole: 2000 VRMS
Contact to Contact: 1500 VRMS

Environmental Characteristics

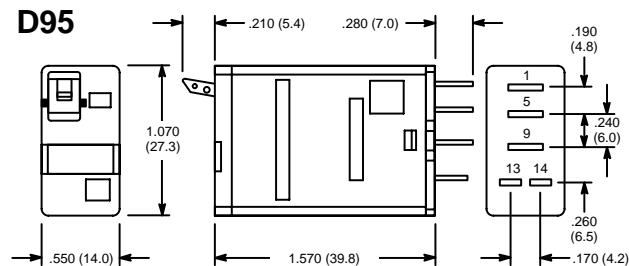
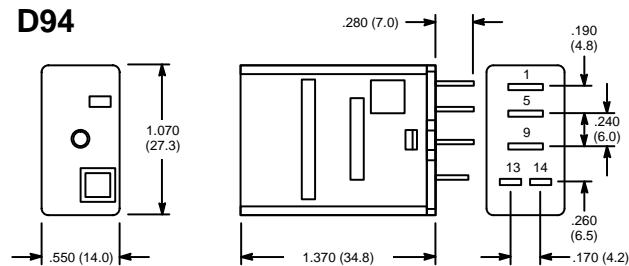
Operating: -40°C to +55°C
Non-operating (storage): -40°C to +85°C

Life

Mechanical: 10,000,000 operations (no load)
Electrical: 100,000 operations (at rated load)

Weight

Std: 1.02 ozs (29 grams)—typical



ACCESSORIES		
MOUNTING STYLES	DESCRIPTION	NTE TYPE NO.
DIN RAIL MOUNT	5-PIN BLADE	RLY9207
PC MOUNT	5-PIN BLADE	RLY9208

SPDT 1 Form "C"

