

# 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

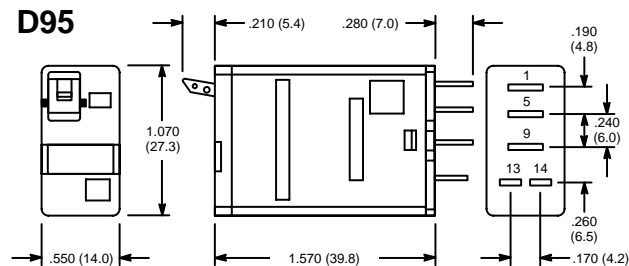
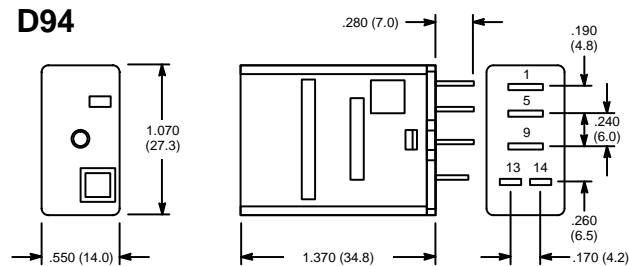
**Operating:** -40°C to +55°C  
**Non-operating (storage):** -40°C to +85°C

### 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"

