

## Features

- Sealed Construction
- Long Life
- Small Size
- Low Coil Power
- PC Board Mount
- TV-5 Type Power Relay

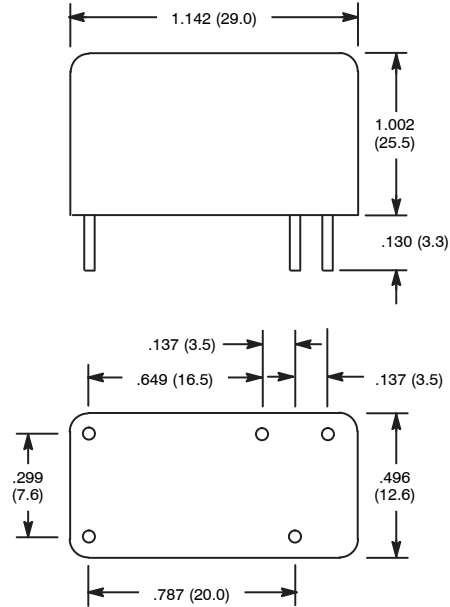


# R22 Series

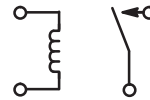


**Slimline 16 Amp SPST-NO & SPDT Relays Designed for use in TVs, Door Openers, & Security Systems.**

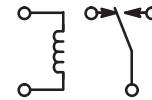
## D51



SPST-NO, 1 Form "A"



SPDT, 1 Form "C"



DC OPERATED						
NTE Type No.	Nom. Voltage	Contact Arr.	Coil Res. Ohms (Typ)	Nom. Power	Max. Contact Make Cur. @ 30VDC or 120VAC (Note 1)	Diag No.
R22-1D16-3	3VDC	SPST-NO	12.5	720mW	16A	D51
R22-1D16-5/6	5/6VDC	SPST-NO	47	540mW	16A	D51
R22-1D16-12	12VDC	SPST-NO	270	540mW	16A	D51
R22-1D16-24	24VDC	SPST-NO	1100	540mW	16A	D51
R22-1D16-48	48VDC	SPST-NO	4400	540mW	16A	D51
R22-5D16-3	3VDC	SPDT	12.5	720mW	16A	D51
R22-5D16-5/6	5/6VDC	SPDT	47	540mW	16A	D51
R22-5D16-12	12VDC	SPDT	270	540mW	16A	D51
R22-5D16-24	24VDC	SPDT	1100	540mW	16A	D51
R22-5D16-48	48VDC	SPDT	4400	540mW	16A	D51

Note 1. The maximum contact make current is defined as the maximum permitted current for 4 seconds duration with 10% duty cycle immediately after contact closure.

ACCESSORIES		
MOUNTING STYLES	DESCRIPTION	NTE TYPE NO.
PC MOUNT	5-PIN SLIM LINE	R95-133
DIN RAIL MOUNT	5-PIN SLIM LINE	R95-130

## Electrical Specifications

### Contact

**Rating:** 12 Amp (Continuous, Note 2) @ 250 VAC

**Contact Material:** AgCdo

**Contact Resistance:** 100MΩ Max.

Note 2. Continuous contact current is defined as the maximum current a relay contact may carry continuously without exceeding temperature limits.

### Coil

**Coil Voltages:** See Chart

**Pick-up Voltage:** 80% of rated voltage

**Drop-out Voltage:** 5% of rated voltage

**Max Allowable Voltage:** 110% of rated voltage

### Operational Characteristics

**Timing Value . . . . . Operate Time:** 30 mS Max  
**Release Time:** 8 mS Max

### Insulation Characteristics

**Dielectric Strength**

**Contact To Coil:** 500 VRMS (1 Min)

**Across Open Contacts:** 1000 VRMS (1 Min)

**Insulation Resistance:** 100 MΩ Min.  
@ 500 VDC

### Environmental Characteristics

**Operating:** -30°C to +70°C

**Mechanical Life:** 10,000,000 operations min

### Weight

**Std:** 13 gram approx.