

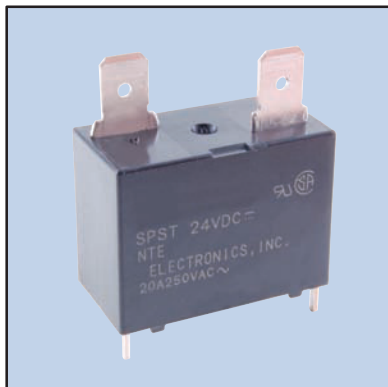
# PC Mount Relays

## R71 Series

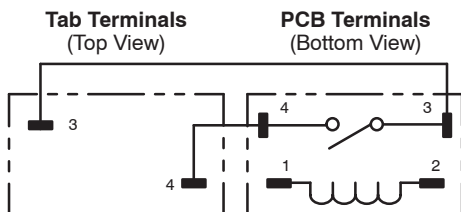


### Features

- Semi-Sealed Construction
- Miniature Power Relay Ideal for Motor Switching in Appliances and HVAC Equipment



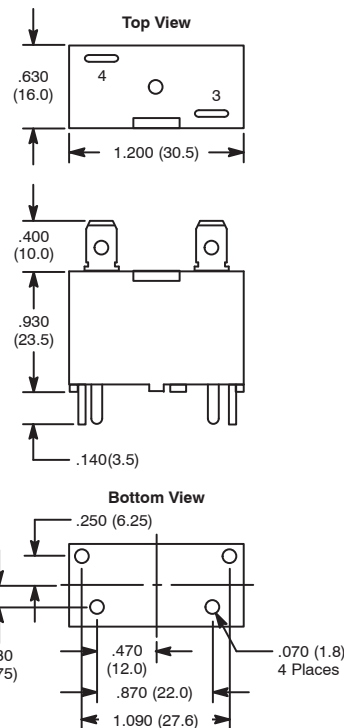
SPST-NO, 1 Form "A"



DC OPERATED						
NTE Type No.	Nom. Voltage	Contact Arr.	Coil Res. Ohms (Typ)	Nom. Power	Max. Contact Cur. @ 250VAC	Diag No.
R71-1D20-5	5VDC	SPST-NO	27	900mW	20A	D84
R71-1D20-12	12VDC	SPST-NO	160	900mW	20A	D84
R71-1D20-24	24VDC	SPST-NO	640	900mW	20A	D84

Miniature, Semi-Sealed, 20 Amp, SPST-NO, DC Power, Printed Circuit Mount w/Quick Connect Relays for High Inrush Compressor Loads

### D84



## Electrical Specifications

### Contact

**Rating:** Inrush 80 Amp ( $\cos\phi$  0.7) 0.35/20 Amp steady state ( $\cos\phi$  0.9)

**Carry Current:** 20 Amp

**Contact Material:** AgSnO<sub>2</sub>

**Contact Resistance:** 0.1 Ohms Max. initial

### Coil

**Coil Voltages:** See Chart

**Pick-Up Voltage:** Less than 70% of nominal coil voltage

**Drop-out Voltage:** Greater than 10% of nominal coil voltage

**Resistance:** See Chart

### Operational Characteristics

Timing Value . . . . . Operate Time: Approx 20 mS  
Release Time: Approx 10 mS } at nominal coil voltage

### Insulation Characteristics

**Dielectric Strength**

**Contact To Coil:** 4500 VRMS

**Across Open Contacts:** 1000 VRMS

**Insulation Resistance:** 1000 megohms Min. @ 500 VDC

### Environmental Characteristics

**Operating:** -25°C to +60°C with no icing

**Mechanical Life:** 2,000,000 operations min

### Weight

**Std:** 23 gram approx.