

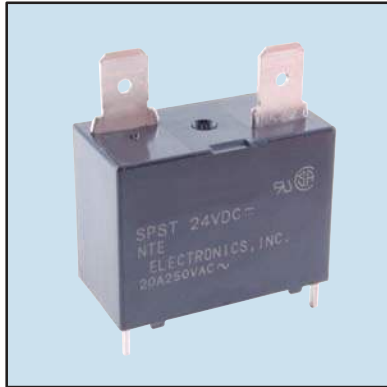
PC Mount Relays

R71 Series

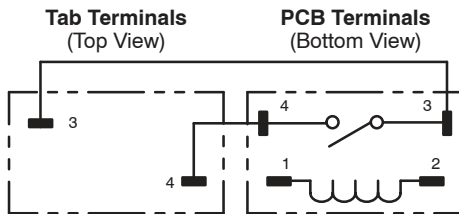


Features

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



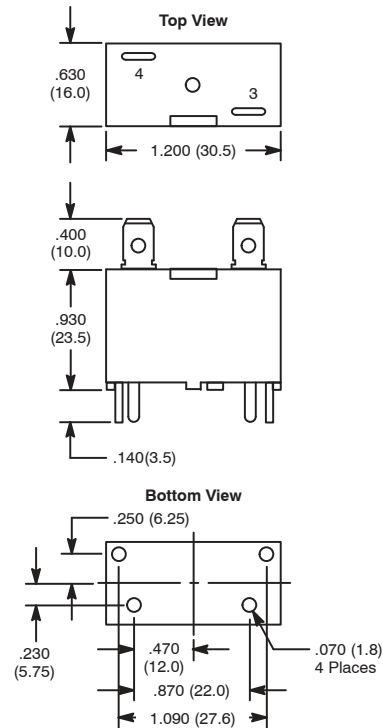
SPST-NO, 1 Form "A"



| 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: AgSnO₂

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.