

Features

- Low Cost
- Epoxy Sealed
- Class B Insulation

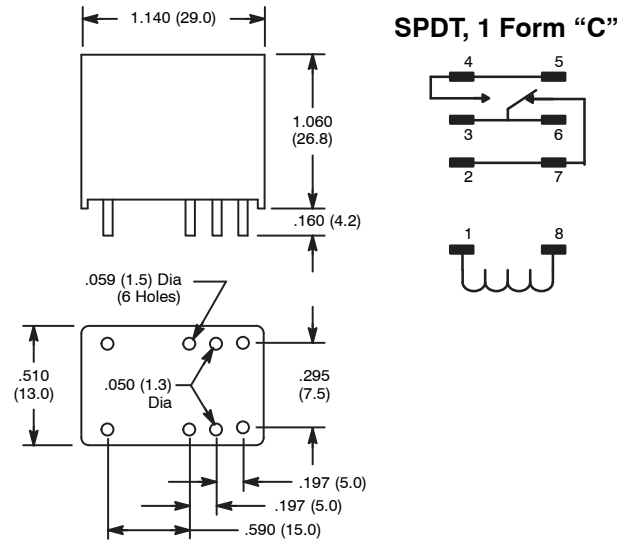


R23 Series



Miniature, 20 Amp, SPDT, DC Power, Printed Circuit Mount Relays

D82



| Terminal No. | Dimensions (Tol.: ±0.005 (0.13)) |
|------------------|----------------------------------|
| 1, 2, 4, 5, 7, 8 | 0.018 (0.457) x 0.038 (0.965) |
| 3, 6 | 0.011 (0.279) x 0.038 (0.965) |

| DC OPERATED | | | | | | |
|--------------|--------------|--------------|----------------------|------------|-------------------------------------|----------|
| NTE Type No. | Nom. Voltage | Contact Arr. | Coil Res. Ohms (Typ) | Nom. Power | Max. Contact Cur. @ 24VDC or 277VAC | Diag No. |
| R23-5D20-6 | 6VDC | SPDT | 69 | 270mW | 20A | D82 |
| R23-5D20-12 | 12VDC | SPDT | 275 | 270mW | 20A | D82 |
| R23-5D20-24 | 24VDC | SPDT | 1100 | 270mW | 20A | D82 |

| ACCESSORIES | | |
|-----------------|-------------|--------------|
| MOUNTING STYLES | DESCRIPTION | NTE TYPE NO. |
| PC MOUNT | 8-PIN BLADE | R95-132 |

Electrical Specifications

Contact

Rating: 20 Amp @ 277 VAC/24 VDC, 1 HP @ 240 VAC

Contact Material: Silver cadmium oxide

Contact Resistance: 50 Milliohms Max. initial

Coil

Coil Voltages: See Chart

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

Resistance: See Chart

Operational Characteristics

Timing Value Operate Time: Approx 8 mS } at nominal
 Release Time: Approx 5 mS } coil voltage

Insulation Characteristics

Dielectric Strength

Contact To Coil: 5000 VRMS

Across Open Contacts: 1000 VRMS

Insulation Resistance: 100 megohms Min. @ 500 VDC, 50% RH

Environmental Characteristics

Operating: -40°C to +90°C

Mechanical Life: 50,000,000 operations min

Weight

Std: 18.5 gram approx.