

PC Mount Relays

R23 Series



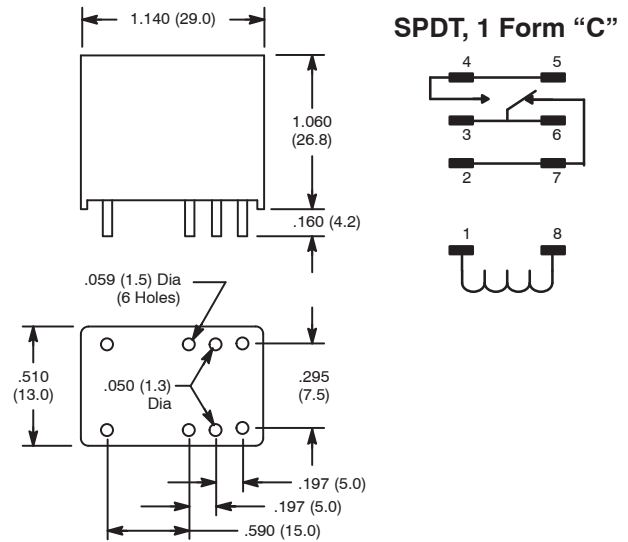
Miniature, 20 Amp, SPDT, DC Power, Printed Circuit Mount Relays

Features

- Low Cost
- Epoxy Sealed
- Class B Insulation



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)

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.

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