

FEATURES

- 5A switching capabilities
- 2A configurations
- UL & CUL file No. E179936,
- TUV file No. R50155239

CONTACT DATA

Contact form	2A
Contact resistance (Initial)	100mΩ (at 1A 6VDC)
Contact rating (Res. Load)	5A 250VAC 5A 30VDC TV-3 125VAC
Max. switching voltage	250VAC
Max. switching current	5A
Max. switching power	1250VA 150W
Contact material	AgCdO / AgSnO ₂

CHARACTERISTICS

Insulation resistance	1000MΩ at 500VDC
Dielectric strength	4000VAC at 1 minute 2000VAC at 1 minute 1000VAC at 1 minute
- between coil to contacts	
- between open contacts	
- between contact sets	
Surge voltage between Contacts and coil	10000VAC (at 1.2 x 50μs)
Operate time (at nominal voltage)	15 ms
Release time (at nominal voltage)	5 ms
Humidity	5% to 85% RH
Max. temperature rise	55°C
Ambient temperature	-40°C to +70°C
Shock resistance	200m/s ² (Functional) 1000m/s ² (Destructive)
Vibration resistance	10 to 55HZ, amplitude of 1.5mm
Life expectancy	1 x 10 ⁷ operations 1 x 10 ⁵ operations
- Mechanical	
- Electrical	

COIL SPECIFICATION

Nominal voltage (VDC)	Pick-up voltage (VDC)	Drop-out voltage (VDC)	Nominal current (mA±10%)	Coil resistance (Ω ± 10%)	Max. allowable voltage at 20°C (VDC)	Power consumption (mW)
5	3.75	0.25	106	47	6.5	530
6	4.5	0.3	88.3	68	7.8	530
9	6.75	0.45	58.8	155	11.7	530
12	9	0.6	44.2	270	15.6	530
18	13.5	0.9	29.4	620	23.4	530
24	18	1.2	22.1	1080	31.2	530
48	36	2.4	11	4400	62.4	530

