





E197851

14.0 x 9.0 x 4.9 mm

Features

- Monostable
- Passes FCC part 68
- Ultra low profile, 4.90mm height
- UL/CUL certified

Contact Data

Contact Arrangement	2C = DPDT, bifurcated contact	
Contact Rating	1A @ 30VDC, Resistive	
	.5A @ 125VAC, Resistive	

Contact Resistance	< 50 milliohms initial
Contact Material	AgPd, Au plated
Maximum Switching Power	30W
Maximum Switching Voltage	250VAC, 220VDC
Maximum Switching Current	1A

Coil Data

Coil Voltage VDC		Coil Resistance		Release Voltage Coil Power VDC (min) W 10% of rated voltage		Operate Time ms	Release Time ms
Rated	Max		voltage	voltage			
3	3.9	64.3	2.25	.3		4	4
5	6.5	178	3.75	.45			
6	7.8	257	4.50	0.60	.14		
9	11.7	579	6.75	.5			
12	18.0	1028	9.00	1.2			
24	36.0	4114	18.00	2.4	.20		

General Data

Electrical Life @ rated load	100K cycles, typical	
Mechanical Life	10M cycles, typical	
Insulation Resistance	100M Ω min. @ 500VDC	
Dielectric Strength, Coil to Contact	1500V rms min. @ sea level	
Contact to Contact	1000V rms min. @ sea level	
Between Poles	1000V rms min. @ sea level	
Initial Surge Voltage, Coil to Contact	2500V (Telcordia, 2x10us)	
Contact to Contact	1500V (FCC part 68, 10x60us)	
Shock Resistance	750m/s ² for 11 ms	
Vibration Resistance	3mm double amplitude 10~40Hz	
Operating Temperature	-40°C to +85°C	
Storage Temperature	-40°C to +155°C	
Solderability	260°C for 5 s	
Weight	2g	

Caution

The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.

www.citrelay.com phone - 763.535.2339 fax - 763.535.2194

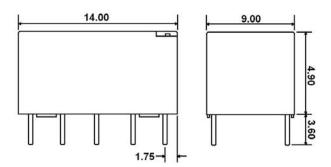


Ordering Information

1. Series	J850	2C	S	6VDC
J850				
2. Contact Arrangem 2C = DPDT	ent			
3. Sealing Option S = Sealed				
4. Operating Function Blank = Monostabl				
5. Coil Voltage 3VDC 5VDC 6VDC 9VDC 12VDC 24VDC				

Dimensions

Units = mm



Schematics & PC Layouts

Bottom Views

