



21.6 x 27.6 x 35.0 mm

#### **Features**

- Switching capacity up to 20A; small size and light weight
- Low coil power consumption; high contact load
- · Strong resistance to shock and vibration





### **Contact Data\***

Contact Arrangement	1A, 1B, 1C = SPST N.O., SPST N.C., SPDT
	2A, 2B, 2C = DPST N.O., DPST N.C., DPDT
Contact Rating	1 Pole : 20A @ 277VAC & 28VDC, General Purpose
	2 Pole: 12A@ 250VAC & 28VDC, General Purpose
	2 Pole: 10A @ 277VAC, General Purpose
	1/2hp @ 125VAC

Contact Resistance	< 50 milliohms initial			
Contact Material	AgCdO			
Max Switching Power	5540VA, 560W			
Max Switching Voltage	300VAC			
Max Switching Current	20A			

### Coil Data DC Parameters\*

	Coil Voltage Coil Resistance VDC Ω +/- 10%		Pick Up Voltage VDC (max)	Release Voltage VDC (min)	Coil Power W	Operate Time ms	Release Time ms
Rated	Max		75% of rated voltage	10% of rated voltage			
12	15.6	160	9.0	1.2		25	25
24	31.2	650	18.0	2.4			
36	46.8	1500	27.0	3.6	0		
48	62.4	2600	36.0	4.8	.9 25		25
110	143.0	11000	82.5	11.0			
220	286.0	53778	165.0	22.0			

### Coil Data AC Parameters\*

Coil Voltage VAC		Coil Resistance Ω +/- 10%	Pick Up Voltage VAC (max)	Release Voltage VAC (min)	Coil Power VA	Operate Time ms	Release Time ms	
Rated	Max		80% of rated voltage	30% of rated voltage	ated voltage			
12	15.6	46	9.6	3.6				
24	31.2	184	19.2	7.2				
36	46.8	370	28.8	10.8				
48	62.4	735	38.4	14.4	4.0	25	25	
110	143.0	3900	88.0	33.0	1.2	25	25	
120	132.0	4550	96.0	36.0				
220	286.0	14400	176.0	66.0				
240	312.0	19000	192.0	72.0				



### General Data\*

е

## **Ordering Information**

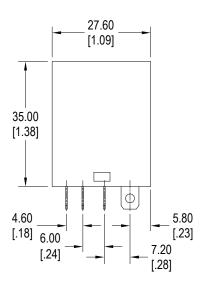
1. Series	J151	2C	Т	12VDC	.9				
J151									
2. Contact Arran 1A, 1B, 1C 2A, 2B, 2C	gement								
3. Termination T = Solder lug F = Solder lug P = PCB Term	s / Plug-in with	Flange							
4. Coil Voltage 12VDC 24VDC 36VDC 48VDC 110VDC 220VDC	12VAC 24VAC 36VAC 48VAC	110VAC 120VAC 220VAC 240VAC							
6. Option LED Blank = No inc D = With indic									
7. Gold Option Blank = Stand G = Gold over	lard contact r standard conta	icts							
	Option out push to test b to test button	outton							

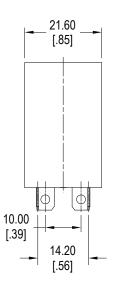
<sup>\*</sup> Values can change due to the switching frequency, desired reliability levels, environmental conditions and in-rush load levels. It is recommended to test actual load conditions for the application. It is the user's responsibility to determine the performance suitability for their specific application. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.

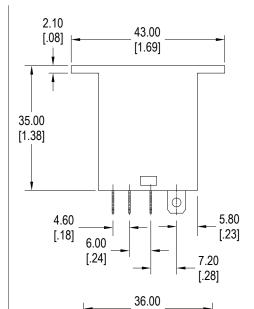


## **Dimensions**

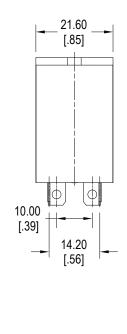
#### Units = mm



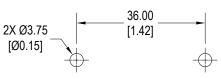




[1.42]



1 & 2 Pole

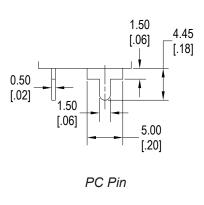


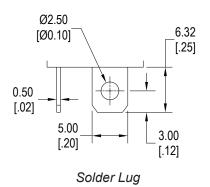
Flange Mount Layouts

2X 3.75 [.15]



# **Termination Options**





## Schematics & PC Layouts

