



## 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 3A, 3B, 3C = 3PST N.O., 3PST N.C., 3PDT 4A, 4B, 4C = 4PST N.O., 4PST N.C., 4PDT
Contact Rating	1 Pole : 20A @ 277VAC & 28VDC 2 Pole : 12A @ 250VAC & 28VDC 2 Pole : 10A @ 277VAC; 1/2hp @ 125VAC 3 Pole : 12A @ 250VAC & 28VDC 3 Pole : 10A @ 277VAC; 1/2hp @ 125VAC 4 Pole : 12A @ 250VAC & 28VDC 4 Pole : 10A @ 277VAC; 1/2hp @ 125VAC

Contact Resistance	< 50 milliohms initial
Contact Material	AgSnO <sub>2</sub>
Maximum Switching Power	5540VA, 560W
Maximum Switching Voltage	300VAC
Maximum Switching Current	20A

## Coil Data DC Parameters

Coil Voltage VDC		Coil Resistance Ω +/- 10%			Pick Up Voltage VDC (max) 75% of rated voltage	Release Voltage VDC (min) 10% of rated voltage	Coil Power W	Operate Time ms	Release Time ms
Rated	Max	.9W	1.4W	1.5W					
6	7.8	40	N/A	N/A	4.50	.6	.90 1.40 1.50	25	25
12	15.6	160	100	96	9.00	1.2			
24	31.2	650	400	360	18.00	2.4			
36	46.8	1500	900	865	27.00	3.6			
48	62.4	2600	1600	1540	36.00	4.8			
110	143.0	11000	8400	6800	82.50	11.0			
220	286.0	53778	34571	32267	165.00	22.0			

## Coil Data AC Parameters

Coil Voltage VAC		Coil Resistance Ω +/- 10%			Pick Up Voltage VAC (max) 80% of rated voltage	Release Voltage VAC (min) 30% of rated voltage	Coil Power W	Operate Time ms	Release Time ms
Rated	Max	1.2VA	2.0VA	2.5VA					
6	7.8	11.5	N/A	N/A	4.80	1.8	1.20 2.00 2.50	25	25
12	15.6	46	25.5	20	9.60	3.6			
24	31.2	184	102	80	19.20	7.2			
36	46.8	370	230	180	28.80	10.8			
48	62.4	735	410	320	38.40	14.4			
110	143.0	3900	2300	1680	88.00	33.0			
120	156.0	4550	2530	1990	96.00	36.0			
220	286.0	14400	8600	3700	176.00	66.0			
240	312.0	19000	10555	8280	192.00	72.0			

Dimensions shown in mm. Dimensions are shown for reference purposes only.

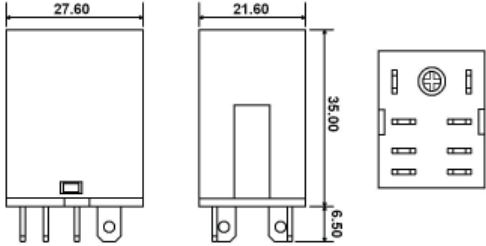
Specifications and availability subject to change without notice.



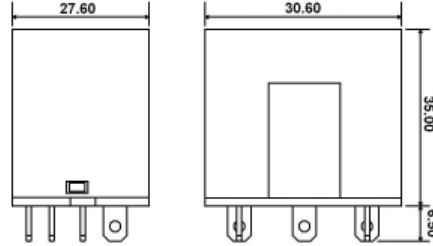
# J151

## Dimensions

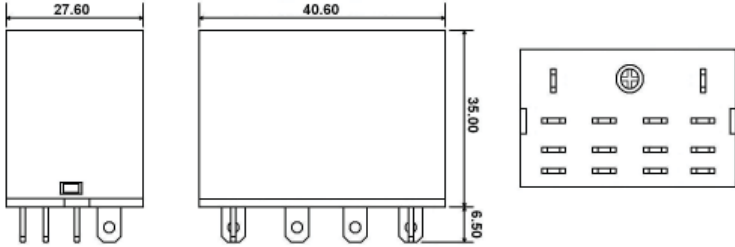
Units = mm



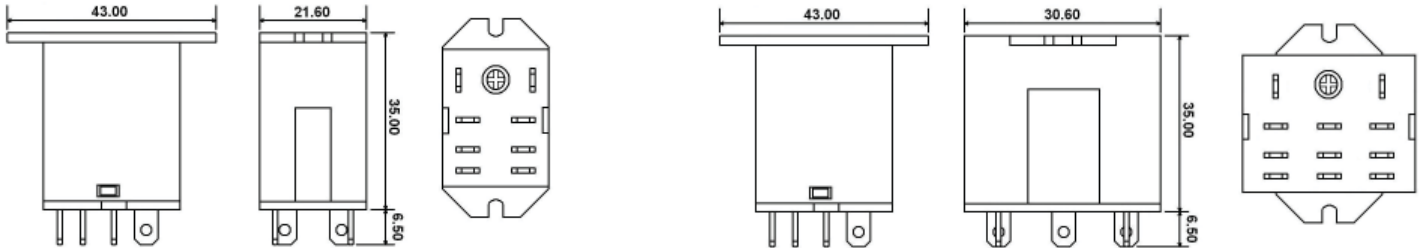
**1 & 2 Pole**



**3 Pole**

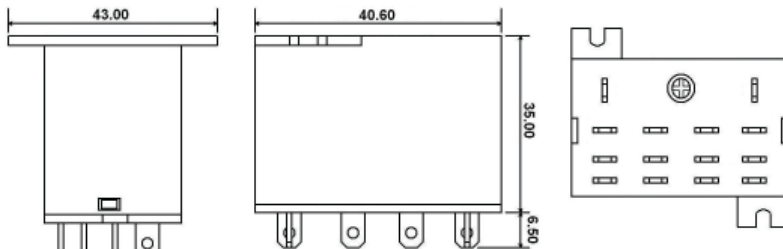


**4 Pole**

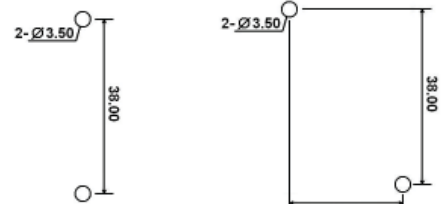


**1 & 2 Pole with Flange**

**3 Pole with Flange**

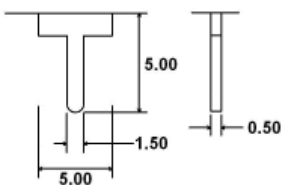


**4 Pole with Flange**

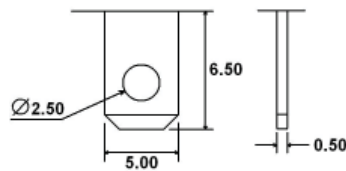


**Flange Mount Layouts**

## Termination Options



**PC Pins**



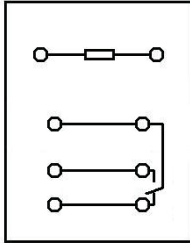
**Solder Tabs**

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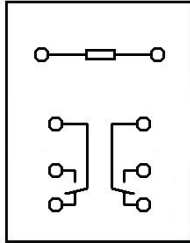
Specifications and availability subject to change without notice.

## Schematics & PC Layouts

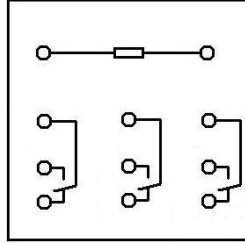
### Bottom Views



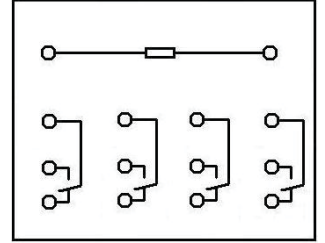
1C



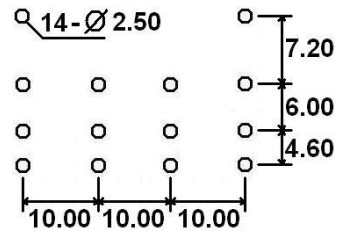
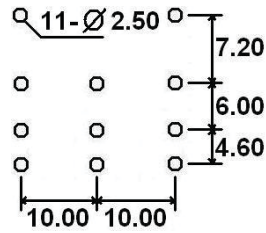
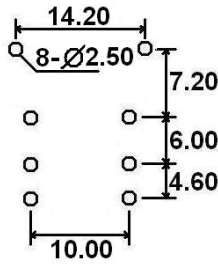
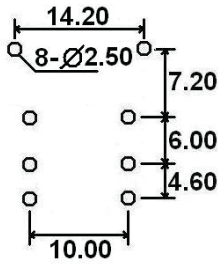
2C



3C



4C



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