



Features

- Switching capacity up to 10A
- Small size and light weight
- Low coil power consumption, High contact load
- Strong resistance to shock and vibration

Contact Data

Contact Arrangement	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 Resistance	< 50 milliohms initial
Contact Rating	2, &3 Pole : 10A @ 220VAC & 28VDC 4 Pole : 5A @ 220VAC & 28VDC	Contact Material	AgSnO ₂
		Max Switching Power	2C, & 3C : 280W, 2200VA 4C : 140W, 110VA
		Max Switching Voltage	300VAC
		Max Switching Current	10A

Coil Data DC Parameters

Coil Voltage VDC		Coil Resistance 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			
6	6.6	40	4.50	.6	.90	25	25
12	13.2		9.00	1.2			
24	26.4		18.00	2.4			
36	39.6		27.00	3.6			
48	52.8		36.00	4.8			
110	121.0		82.50	11.0			

Coil Data AC Parameters

Coil Voltage VAC		Coil Resistance Ω +/- 10%	Pick Up Voltage VAC (max)	Release Voltage VAC (min)	Coil Power W	Operate Time ms	Release Time ms
Rated	Max		80% of rated voltage	30% of rated voltage			
6	6.6	11.5	4.80	1.8	1.20	25	25
12	13.2		9.60	3.6			
24	26.4		19.20	7.2			
36	39.6		28.80	10.8			
48	52.8		38.40	14.4			
110	121.0		88.00	33.0			
120	132.0		96.00	36.0			
220	252.0		176.00	66.0			

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

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General Data

Electrical Life @ rated load	500K cycles (2 pole), 200K cycles (3 pole), 100K (4 pole) typical
Mechanical Life	20M cycles (2 pole), 10M cycles (3 & 4 pole), typical
Insulation Resistance	100M Ω min. @ 500VDC
Dielectric Strength, Coil to Contact	1500V rms min. @ sea level
Contact to Contact	1500V rms min. @ sea level
Shock Resistance	100m/s ² for 11 ms
Vibration Resistance	1.27mm double amplitude 10~40Hz
Terminal (Copper Alloy) Strength	10N
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +155°C
Solderability	260°C for 5 s
Weight	32g

Ordering Information

1. Series	J152	3C	T	12VDC
J152				
2. Contact Arrangement				
2A, 2B, 2C				
3A, 3B, 3C				
4A, 4B, 4C				
3. Termination				
T = Solder lugs / Plug-in				
F = Solder lugs / Plug-in with Flange				
P = PCB Pins				
4. Coil Voltage				
6VDC	6VAC			
12VDC	12VAC			
24VDC	24VAC			
36VDC	36VAC			
48VDC	48VAC			
110VDC	110VAC			
	120VAC			
	220VAC			
5. Optional LED				
Blank = No indicator LED				
D = With indicator LED				
6. Gold Option				
Blank = Standard contacts				
G = Gold over standard contacts				
7. Push to Test Option				
Blank = Without push to test button				
T = With push to test button				

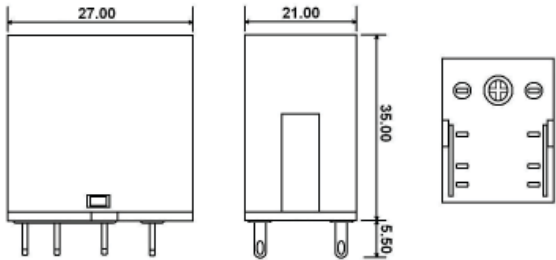
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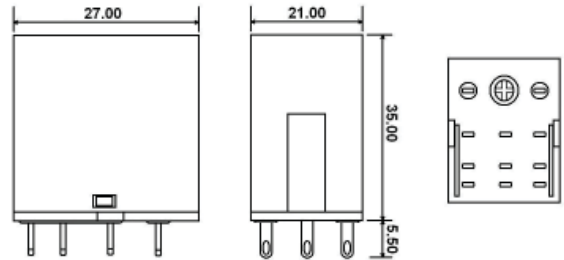
J152

Dimensions

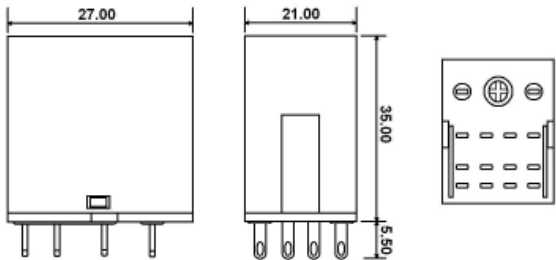
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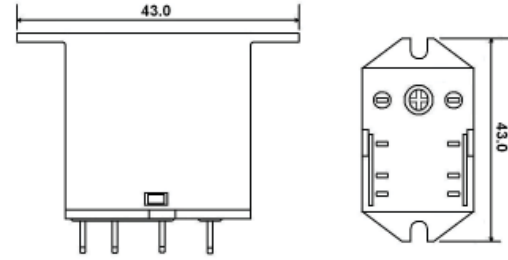
2 Pole



3 Pole

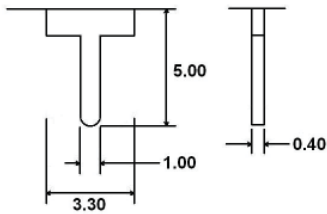


4 Pole

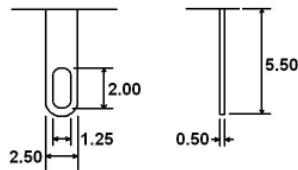


Flange Mount

Termination Options



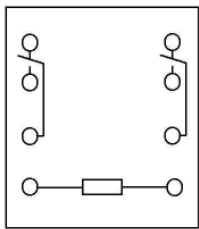
PC Pins



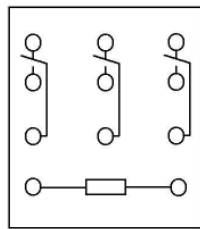
Solder Tabs

Schematics & PC Layouts

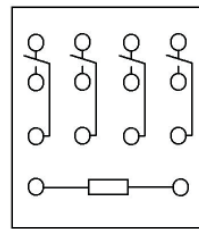
Bottom Views



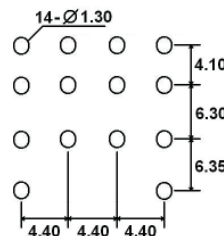
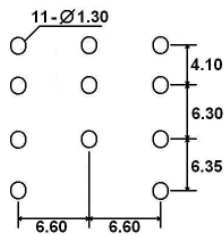
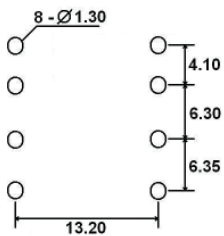
2C



3C



4C



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