



27.0 x 21.0 x 35.0 mm

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	2C = DPDT			
	3C = 3PDT			
	4C = 4PDT			
Contact Rating UL	2 & 3 Pole : 10A @ 220VAC & 28VDC, General Purpose			
	4 Pole: 5A @ 220VAC & 28VDC, General Purpose			
TÜV	2 Pole : 5A @ 220VAC & 28VDC, 100K cycles, 70°C			

Contact Resistance	< 50 milliohms initial		
Contact Material	AgCdO		
Max Switching Power	2C, & 3C : 280W, 2200VA		
	4C : 140W, 1110VA		
Max Switching Voltage	300VAC		
Max Switching Current	10A		

Coil Data DC Parameters*

Coil V			Coil Power W	Operate Time ms	Release Time ms		
Rated	Max		75% of rated voltage	10% of rated voltage			
12	13.2	160	9.0	1.2			
24	26.4	640	18.0	2.4	.9	25	25
110	121.0	11000	82.5	11.0			

Coil Data AC Parameters*

Coil Voltage Coil Resistance VAC 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			
12	13.2	46	9.6	3.6			
24	26.4	184	19.2	7.2			
110	121.0	3750	88.0	33.0	1.2	25	25
120	132.0	4550	96.0	36.0			
220	252.0	14400	176.0	66.0			



Electrical Life @ rated load	100K cycles, average			
Mechanical Life	20M cycles (2 pole), 10M cycles (3 & 4 pole), average			
Insulation Resistance 100M Ω min. @ 500VDC initial				
Dielectric Strength, Coil to Contact	1500V rms min. @ sea level initial			
Contact to Contact	1500V rms min. @ sea level initial			
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			

^{*} 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.

Ordering Information

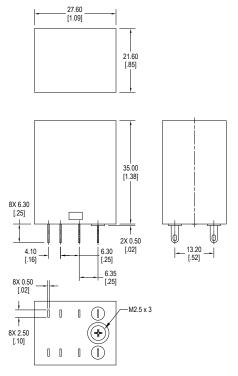
1. Series	J152	3C	Т	12VDC		
J152						
2. Contact Arran 2C 3C 4C	igement					
3. Termination T = Solder lugs F = Solder lugs P = PCB Pins	/ Plug-in / Plug-in with Fla	nge				
4. Coil Voltage 12VDC 24VDC 110VDC	12VAC 24VAC 110VAC 120VAC 220VAC					
5. Optional LED Blank = No indi D = With indica	cator LED					
6. Gold Option Blank = Standa G = Gold over s	rd contacts standard contacts					
7. Push to Test (Blank = Withou T = With push to	t push to test butt	on				

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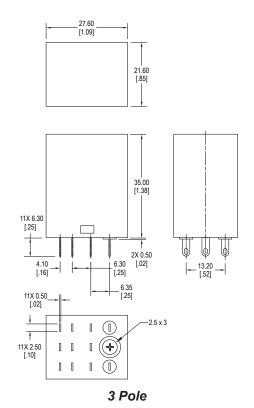


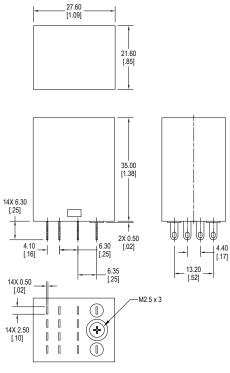
Dimensions

Units = mm

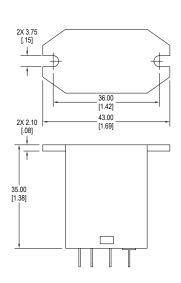


2 Pole





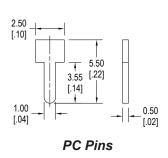


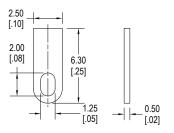


Flange Mount with Solder Lugs



Termination Options





Solder Lugs

Schematics & PC Layouts

Bottom Views

