

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	Contact Resistance	< 50 milliohms initial	
	3C = 3PDT	Contact Material	AgCdO	
	4C = 4PDT	Max Switching Power	2C, & 3C : 280W, 2200VA	
Contact Rating UL	2 & 3 Pole : 10A @ 220VAC & 28VDC, General Purpose		4C : 140W, 1110VA	
	4 Pole : 5A @ 220VAC & 28VDC, General Purpose	Max Switching Voltage	300VAC	
TÜV	2 Pole : 5A @ 220VAC & 28VDC, 100K cycles, 70°C	Max Switching Current	10A	

Coil Data DC Parameters*

	oltage DC	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			
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 VACCoil 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			
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			









100K cycles, average			
20M cycles (2 pole), 10M cycles (3 & 4 pole), average			
100M Ω min. @ 500VDC initial			
1500V rms min. @ sea level initial			
1500V rms min. @ sea level initial			
100m/s ² for 11 ms			
1.27mm double amplitude 10~40Hz			
10N			
-40°C to +85°C			
-40°C to +155°C			
260°C for 5 s			
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.

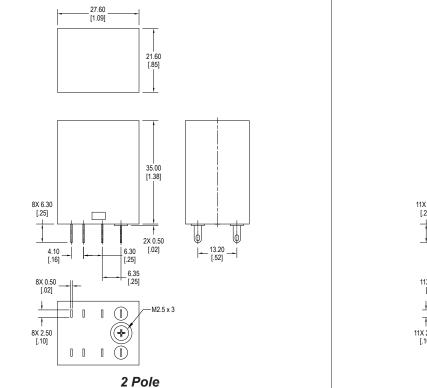
Ordering Information

1. Series	J152	3C	Т	12VDC			
J152							
2. Contact Arran 2C 3C 4C	ngement						
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						
Blank = No indi	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 (Blank = Withou T = With push to	t push to test butt	on					

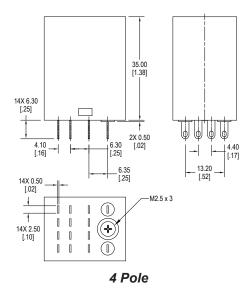


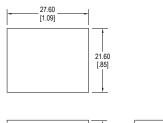
Dimensions

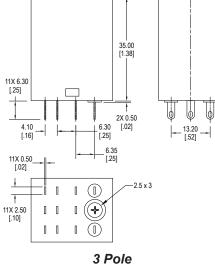


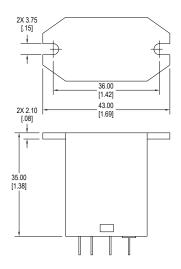


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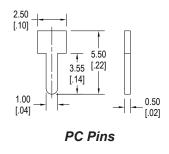


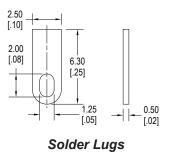


Flange Mount with Solder Lugs



Termination Options





Schematics & PC Layouts

Bottom Views

