



29.0 x 12.7 x 20.0 mm

Features

- · Switching capacity 16A
- 20mm height
- · PC board mounting
- · UL/CUL certified





Contact Data*

Contact Arrangement	1A = SPST N.O.
	1C = SPDT
	2A = DPST N.O.
	2C = DPDT
Contact Rating	1A: 16A @ 250VAC; 30VDC, Resistive, 70°C
	1C: 16A @ 250VAC; 30VDC, Resistive, 70°C
	1AH: 16A @ 240VAC; 30VDC, Resistive
	1CH: 16A @ 240VAC; 30VDC, Resistive
	2A: 8A @ 250VAC; 5A @ 30VDC, Resistive, 70°C
	2C: 8A @ 250VAC; 5A @ 30VDC, Resistive, 70°C

Contact Resistance	< 50 milliohms initial
Contact Material	AgSnO ₂
Maximum Switching Power	480W, 4000VA
Maximum Switching Voltage	380VAC, 110VDC
Maximum Switching Current	16A

Coil Data*

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	.53W	.72W	75% of rated voltage	10% of rated voltage			
3	3.9	17	13	2.25	0.3			
5	6.5	47	35	3.75	0.5			
6	7.8	67	50	4.50	0.6			
9	11.7	150	110	6.75	0.9	.53 .72	20	10
12	15.6	270	200	9.00	1.2	.72		
24	31.2	1050	800	18.00	2.4			
48	62.4	4250	3200	36.00	4.8			

General Data*

100K cycles, average
10M cycles, average
100M Ω min. @ 500VDC initial
5000V rms min. @ sea level initial
1000V rms min. @ sea level initial
500m/s ² for 11 ms
1.50mm double amplitude 10~40Hz
-55°C to +125°C
-55°C to +155°C
260°C for 5 s
14g

^{*} 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.

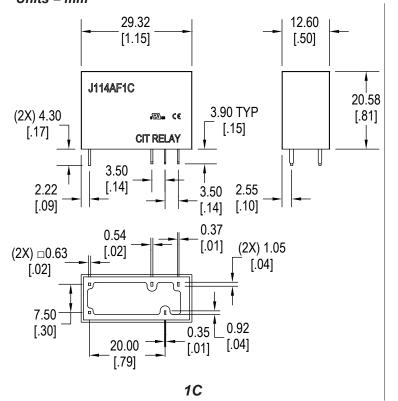


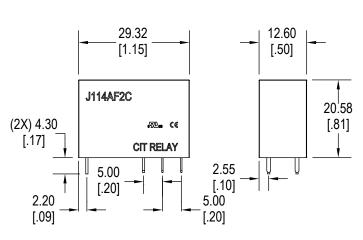
Ordering Information

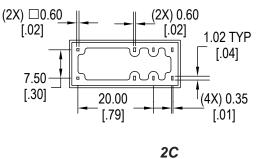
1. Series	J114AF	1C	S	12VDC	.53
J114AF					
2. Contact Arrangement 1A = SPST N.O. 1C = SPDT 1AH = SPST N.O. 1CH = SPDT Altern 2A = DPST N.O. 2C = DPDT	Alternate PC Layout				
3. Sealing Option S = Sealed					
4. Contact Voltage 3VDC 5VDC 6VDC 9VDC	12VDC 24VDC 48VDC				
5. Coil Power .53 = .53W .72 = .72W					

Dimensions

Units = mm









Schematics & PC Layouts

