

FEATURES:

- Switching capacity 16A
- Low profile 15.7mm
- F Class insulation standard
- UL/CUL certified



29.0 x 12.6 x 15.7 mm

CONTACT DATA

Contact Arrangement	1A = SPST N.O. 1C = SPDT 2A = DPST N.O. 2C = DPDT
Contact Rating	12A @ 250VAC/30VDC general purpose 16A @ 250VAC/30VDC general purpose 8A @ 250VAC/30VDC general purpose
Contact Resistance	< 50 milliohms initial
Contact Material	AgSnO ₂
Maximum Switching Power	480W, 4000VA
Maximum Switching Voltage	440VAC, 125VDC
Maximum Switching Current	16A

COIL DATA

Coil Voltage VDC		Coil Resistance $\Omega \pm 10\%$	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.						
5	6.5	62	3.75	0.5	.41	10	5
6	7.8	90	4.50	0.6			
9	11.7	202	6.75	0.9			
12	15.6	360	9.00	1.2			
24	31.2	1440	18.00	2.4			
48	62.4	5760	36.00	3.6			
60	78.0	7500	45.00	4.5	.48		
110	143.0	25200	82.50	8.25			

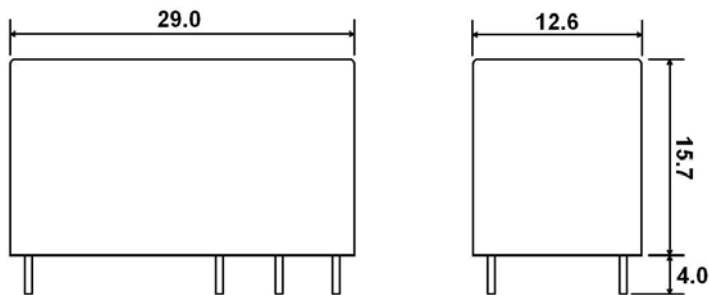
GENERAL DATA

Electrical Life @ rated load	100K cycles, typical
Mechanical Life	10M cycles, typical
Insulation Resistance	1000M Ω min @ 500VDC
Dielectric Strength, Coil to Contact	5000V rms min. @ sea level
Contact to Contact	1000V rms min. @ sea level
Shock Resistance	500m/s ² for 11ms
Vibration Resistance	1.50mm double amplitude 10-40Hz
Terminal (Copper Alloy) Strength	5N
Operating Temperature	-40 °C to + 125 °C
Storage Temperature	-40 °C to + 155 °C
Solderability	260 °C \pm 2 °C for 10 \pm 0.5s
Weight	13.5g

ORDERING INFORMATION

1. Series: J114FL	J114FL	1C	S	16	12VDC	5.0
2. Contact Arrangement: 1A = SPST N.O. 1C = SPDT 2A = DPST N.O. 2C = DPDT						
3. Sealing Options: S = Sealed						
4. Contact Rating: 12 = 12A **only available with 1 pole relays 16 = 16A **only available with 1 pole relays 8 = 8A **only available with 2 pole relays						
5. Coil Voltage: 5VDC 6VDC 9VDC 12VDC 24VDC 48VDC 60VDC 110VDC						
6. Coil Power: .41 = .41W .48 = .48W **only used with 60VDC & 110VDC coil voltages						

DIMENSIONS (Units = mm)



SCHEMATICS & PC LAYOUTS (BOTTOM VIEWS)

