



c **UL** us RoHS Compliant



J114FL

E197852

29.0 x 12.6 x 15.7 mm

Features

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

Contact Data

Contact Arrangement	1A = SPST N.O. 1C = SPDT 2A = DPST N.O. 2C = DPDT	Contact Resistance	< 50 milliohms initial
Contact Rating	12A @ 250VAC; 30VDC General Purpose 16A @ 250VAC; 30VDC General Purpose 8A @ 277VAC; 30VDC General Purpose	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 Ω +/- 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	.5	.41	10	5
6	7.8	90	4.50	.6			
9	11.7	202	6.75	.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			

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 Contact to Contact	5000V rms min. @ sea level 1000V rms min. @ sea level
Shock Resistance	500m/s ² for 11 ms
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 +/- 2°C for 10 +/- 0.5s
Weight	13.5g

Caution

1. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.

Specifications and availability subject to change without notice.

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

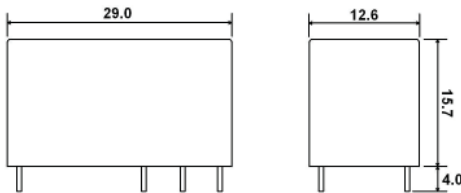
J114FL

Ordering Information

1. Series	J114FL	1C	S	16	12VDC	5.0
J114FL						
2. Contact Arrangement						
1A = SPST N.O.						
1C = SPDT						
2A = DPST N.O.						
2C = DPDT						
3. Sealing Option						
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						
6. Coil Power						
.41 = .41W						

Dimensions

Units = mm



Schematics & PC Layouts

Bottom Views

