



## 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 Resistance	< 50 milliohms initial
Contact Rating	12A @ 25VAC; 30 VDC, General Purpose, 85°C 16A @ 250VAC; 30VDC, General Purpose, 85°C 8A @ 277VAC; 30VDC, General Purpose, 85°C	Contact Material	AgSnO <sub>2</sub>
		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)  75% of rated voltage	Release Voltage VDC (min)  10% of rated voltage	Coil Power W	Operate Time ms	Release Time ms
5	6.5	62	3.75	.41	10	5
6	7.8	90	4.50			
9	11.7	202	6.75			
12	15.6	360	9.00			
24	31.2	1440	18.00			
48	62.4	5760	36.00			

## General Data

Electrical Life @ rated load	100K cycles, typical
Mechanical Life	10M cycles, typical
Insulation Resistance	100M 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 <sup>2</sup> for 11 ms
Vibration Resistance	1.50mm double amplitude 10~40Hz
Operating Temperature	-55°C to +105°C
Storage Temperature	-55°C to +155°C
Solderability	260°C for 5 s
Weight	14g

### Caution

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

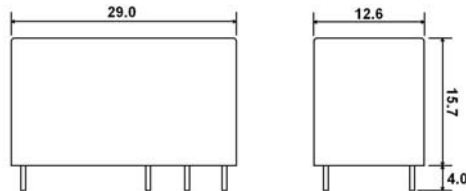
# J114FL

## Ordering Information

1. Series	J114FL	1C	S	16	12VDC	.41
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						
12VDC						
24VDC						
6. Coil Power						
.41 = .41W						

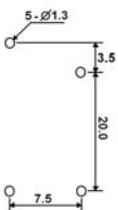
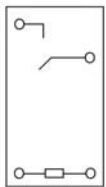
## Dimensions

Units = mm

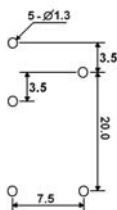
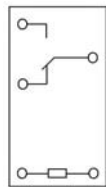


## Schematics & PC Layouts

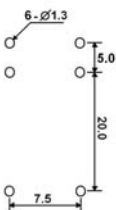
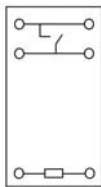
Bottom Views



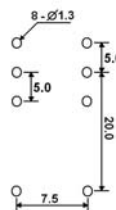
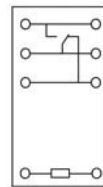
1A (12A)



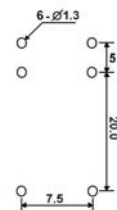
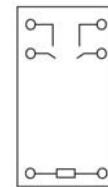
1C (12A)



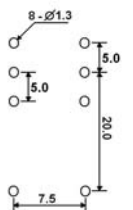
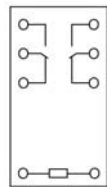
1A (16A)



1C (16A)



2A (8A)



2C (8A)