

J-94

Contact Data

Contact Arrangement		1A (SPSTNO) , 1B (SPSTNC)		
Contact Material		AgCd O		
Contact Rating(resistive)		80A/250VAC	60A/250VAC	40A/250VAC
Max. Switching Power		20000VA	15000VA	10000VA
Max. Switching Voltage		300VAC		
		Max. Switching Current:80A		
Contact Resistance & Voltage drop		$\leq 50\text{m}\Omega$ (at 1A/24VDC) $< 100\text{mV}$ (at rated load)		
Operation life	Electrical (Rated load)	10^4		
	Mechanical (No load)	10^6		
		Item 3.12 of IEC255-7 Item 3.12 of IEC255-7		
		Item 3.30 of IEC255-7 Item 3.31 of IEC255-7		

Coil Parameter

Dash numbers	Coil rated voltage VDC	Coil resistance $\Omega \pm 10\%$	Switching voltage VDC (50%-70% of rated voltage)	Pulse magnitude ms	Coil power consumption W	Operate Time ms	Reset Time ms
009-1000	9	81	4.5~6.3				
012-1000	12	144	6.0~8.4	> 60	1	< 20	< 20
024-1000	24	576	12.0~16.8				
009-2000	9	2×40.5	4.5~6.3				
012-2000	12	2×72	6.0~8.4	> 60	2	< 20	< 20
024-2000	24	2×288	12.0~16.8				

Operation condition

Insulation Resistance	1000M Ω min (at 500VDC)	Item 7 of IEC255-5
Dielectric Strength		
Between contacts	50Hz 1500V	Item 6 of IEC255-5
Between contact and coil	50Hz 4000V	Item 6 of IEC255-5
Creepage distance	8.4mm	Addenda B of IEC255-5
Shock resistance	Functional 100m/s ² ;Survival:1000 m/s ² 11ms	IEC68-2-27 Test Ea
Vibration resistance	10~55Hz Double amplitude 1.5mm	IEC68-2-6 Test Fc
Terminals strength	5N	IEC68-2-21 Test Ua1
Solderability	235℃ $\pm$ 2℃ 3 $\pm$ 0.5s	IEC68-2-20 Test Ta method 1
Ambient Temperature	-25~70℃	
Relative Humidity	85% (at 40℃)	IEC68-2-3Test Ca
Mass	33g	

Qualification inspection:

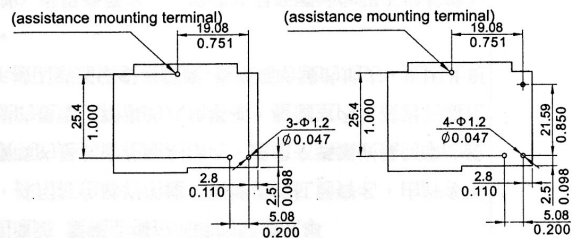
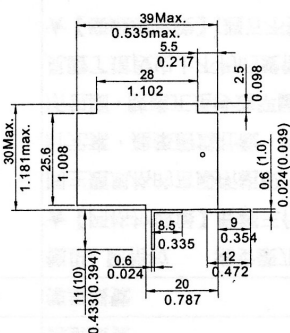
Perform the qualification test as specified in the table IV of IEC255-19-1 and minimum sample size 24.

Safety approvals

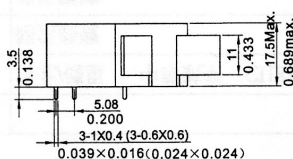
Safety approval	CQC
Load	80A/220VAC

Dimensions

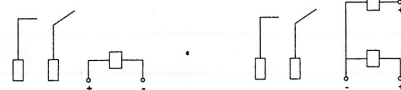
mm /inch



Mounting (Bottom views)



Dimensions



Wiring diagram