



- Ultra-miniature size with universal footprint.
- Sealed type available.
- UL/C-UL; TUV recognized.

**SPECIFICATIONS**
**Contact**

Arrangement	1A, 1B 1C
Initial contact Material	Silver alloy
Contact Resistance (By voltage 6V 1A)	Max.100mΩ
Rating	
Nominal switching capacity	10A 240VAC
Resistive load	10A 28VDC
Max. Switching voltage	250VAC 30VDC
Max. Switching current	10A
Max. Switching power	2400VA 280W
Expected life (min. ope)	
Mechanical(at 300 cpm)	$1 \times 10^7$
Electrical (at 20 cpm)	$1 \times 10^5$

**Characteristics**

Operate Time	Max. 10msec.	
Release Time	Max. 8msec.	
Operating humidity	45 to 85% RH	
Initial breakdown voltage		
Between coil & contact	2000VAC (50/60Hz)for 1 min.	
Between open contacts	750VAC (50/60Hz)for 1 min.	
Insulation Resistance	Min. 100MΩ (500 VDC)	
Ambient temperature	-40°C ~ +85°C	
Shock Resistance	Functional	Min. 10G
	Destruction	Min. 100G
Vibration Resistance	Functional	10 to 55 Hz at double Amplitude of 1.5mm
	Destruction	10 to 55 Hz at double Amplitude of 1.5mm
Unit weight	Approx.11g	

**Coil DATE**

Coil Consumption	0.36W
Coil Voltage	3 - 48VDC
Coil Resistance	see COIL SPECIFICATION below

**UL/C-UL Rating**

Resistive load	10A 1240VAC
	10A 28VDC
Inductive load ( $\cos\phi=0.75$ )	3A 125VAC

**TUV Rating**

Resistive load ( $\cos\phi=1$ )	NO.:10A 240VAC/24VDC
	NO.:8A 240VAC/24VDC

**COIL SPECIFICATION (at 20°C)**

Nominal Voltage (VDC)	Coil Resistance (Ω) ± 10%	Nominal operating power (W)	Pick-up Voltage (VDC)	Drop-out Voltage (VDC)	Max.Allowable Voltage (VDC)
3	25	abt. 0.36	75% Max.	5% Min.	130% of nominal Voltage
5	69				
6	100				
9	225				
12	400				
24	1600				
48	6400				

**ORDERING INFORMATION**


① Type	② Number of pole	③ Contact form	④ Coil voltage(DC)
WJ108	1 : 1pole	A: form A B: form B C: form C	3, 5, 6, 9, 12 24, 48 V

