

WJ311-Series



- Polarized Latching Relay (Monostable or Bistable)
- High contact load.
- Low power consumption.
- Small size, Vertically mounting
- Long life and high reliability
- Conform to Stands IEC255J-IEC60065
- Various Shunts or braid wires can be welded by us

SPECIFICATIONS

Contact

Arrangement	1A,1B
Contact Material	Silver alloy
Contact Resistance (By voltage drop 6V 1A)	Max.2m Ω
Rating Nominal switching capacity Resistive load	60A 250VAC 60A 28VDC
Max. Switching Voltage	28VDC/250VAC
Max. Switching Current	60A
Max. Switching Power	3600VA/336W
Expected life(min.ope) Mechanical(at 120 cpm) Electrical (at 20 cpm)	1 \times 10 ⁶ 1 \times 10 ⁴

Characteristics

Operate Time	Max.20msec.	
Release Time	Max.20msec.	
Initial breakdown voltage Between coil contacts Between open & contact	4000VAC (50/60Hz)for 1 min. 1500VAC (50/60Hz)for 1 min.	
Insulation Resistance	Min. 100M Ω (500 VDC)	
Ambient temperature	-40 ^\circ C \sim +55 ^\circ C	
Operating humidity	45 to 85% RH	
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.3g	

Coil DATE

Coil Consumption	Single Coil:1.5W Double Coil:3W
Coil Voltage	6 \sim 110VDC
Coil Resistance	see COIL SPECIFICATION below

UL/C-UL Rating

Resistive load (cos ϕ =1)	1A,1B
Inductive load (cos ϕ =0.75 \sim 0.8)	60A 250VAC 60A 28VDC

COIL SPECIFICATION(at20 ^\circ C)

Type	Nominal Voltage (VDC) (VAC)	Coil Resistance (Ω)	Double Coil Resistance(Ω)	Nominal operating power (W)	Pull-in Voltage	Drop-out Voltage	Max.Allowable Voltage
DC	6	24	12	abt.1.5W/3W	70%Max.	10%Min.	120%
	12	96	48				
	24	384	192				
	48	1536	768				

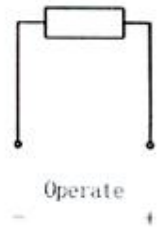
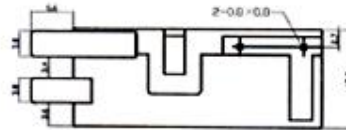
ORDERING INFORMATION



① Type	② Number of pole	③ Contact form	④ Coil voltage
WJ311	1 : 1pole	A: Form A B: Form B	Coil: 6-48VDC

DIMENSIONS Unit: mm

WJ311 Single coil



WJ311 Double coil

