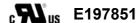


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FEATURES:

- Low coil power consumption
- High Sensitivity
- Conforms to FCC part 68
- PC board mounting
- · Small size, light weight





12.5 x 7.5 x 10.0 mm

CONTACT DATA

Contact Arrangement	1A = SPST N.O. 1C = SPDT
Contact Rating	0.5A @ 125VAC, Resistive, 100K Cycles 1A @ 30VDC, Resistive, 100K Cycles 0.3A @ 60VDC, Resistive, 100K Cycles
Contact Resistance	< 50 milliohms initial
Contact Material	Ag + Au
Maximum Switching Power	30W
Maximum Switching Voltage	125VAC, 60VDC
Maximum Switching Current	2 Amps

COIL DATA

	SOIL BAIA								
Coil Voltage Coil Resistance		Pick Up Voltage	Release Voltage	Coil Power	Operate Time	Release Time			
	VDC Ω ± 10%		VDC (max)	VDC (min)	W	ms	ms		
	Rated	Max.	.15W	.20W	of rated voltage	of rated voltage			
	3	3.9	60	45	2.25	0.3			1.5
	5	6.5	167	125	3.75	0.5			
	6	7.8	240	180	4.50	0.6	.15	4.5	
	9	11.7	540	405	6.75	0.9	.20	4.5	
	12	15.6	960	720	9.00	1.2			
	24	31.2	3840	2880	18.00	2.4			

CAUTION:

- 1. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.
- 2. Pickup and release voltages are for test purposes only and are not to be used as design criteria.

GENERAL DATA

Electrical Life @ rated load	100K cycles, typical
Mechanical Life	5M cycles, typical
Insulation Resistance	100MΩ min @ 500VDC
Dielectric Strength, Coil to Contact	1500V rms min. @ sea level
Contact to Contact	1000V rms min. @ sea level
Shock Resistance	100m/s ² for 11ms
Vibration Resistance	3.30mm double amplitude 10-40Hz
Terminal (Copper Alloy) Strength	5N
Operating Temperature	-40 °C to + 85 °C
Storage Temperature	-40 °C to + 155 °C
Solderability	230 °C ± 2 °C for 10 ± 0.5s
Weight	2.2g

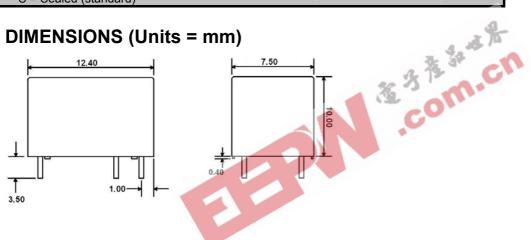


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ORDERING INFORMATION

1. Series:	WJ103	1C	12VDC	.20	S
WJ103					
2.Contact Arrangement: 1A = SPST N.O. 1C = SPDT					
3. Coil Voltage: 3VDC 5VDC 6VDC 9VDC 12VDC 24VDC					
4.Coil Power: .15 = .15 W .20 = .20 W					
5. Sealed: S = Sealed (standard)					

DIMENSIONS (Units = mm)



SCHEMATICS & PC LAYOUT (BOTTOM VIEWS)

