

Distributor: Electro-Stock www.electrostock.com Tel: 630-682-1542 Fax: 630-682-1562

FEATURES:

- High sensitivity
- Super light weight
- Low coil power consumption
- PC board mounting
- Ideal for high density mounting







15.5 x 10.5 x 11.5 mm

CONTACT DATA

- 1						7	
	Contact Arrangement		1A = SPST N.O.				
			1B = SPST N.C.				
		1C = SPDT					
Contact Rating		1A & 3A @ 125VAC, 30VDC					
			5A @ 125VAC, 30VDC				
				120VAC		- %-	
	Contact Resistance		< 50 milliohms initial			3.	15 15
	Contact Material		AgNi + Au			. X 3	-10
	Maximum Switching Power		150W		40	7 12	
	Maximum Switch	ching Voltage	300VAC	C, 150VDC	4 (2)		
	Maximum Switch	ching Current	5A				
COIL DATA							
	Coil Voltage	Coil Resist	ance	Pick Up Voltage	Release	Voltage	Coil Power
	VDC	$\Omega \pm 10\%$	6	VDC (max)	VDC	(min)	W



COIL DATA

Coil V	oltage	Coi	l Resista	nce	Pick Up Voltage	Release Voltage	Coil Power	Operate Time	Release Time
VDC		$\Omega\pm10\%$		VDC (max)	VDC (min)	W	ms	ms	
	T			1	75% of rated voltage	10% of rated voltage			
Rated	Max.	.20W	.36W	.45W	or rated voltage	or rated voltage			
3	3.9	45	25	20	2.25	0.3			
5	6.5	125	75	56	3.75	0.5			
6	7.8	180	100	80	4.50	0.6	.20		
9	11.7	405	225	180	6.75	0.9	.36	5	5
12	15.6	720	400	320	9.00	1.2	.45		1
24	31.2	2880	1600	1280	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.

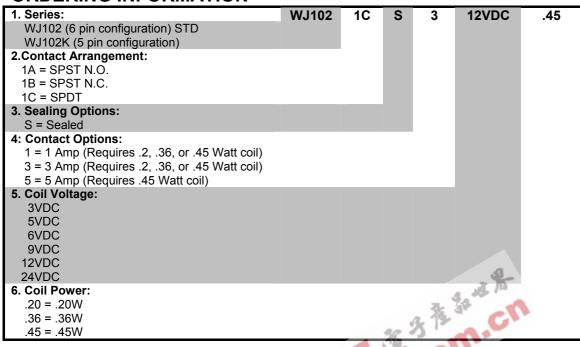
GENERAL DATA

Electrical Life @ rated load	100K cycles, typical			
Mechanical Life	10M cycles, typical			
Insulation Resistance	100MΩ min @ 500VDC			
Dielectric Strength, Coil to Contact	1250V rms min. @ sea level			
Contact to Contact	500V rms min. @ sea level			
Shock Resistance	100m/s ² for 11ms			
Vibration Resistance	1.50mm 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	3.5g			



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ORDERING INFORMATION



DIMENSIONS (Units = mm) 15.50 1.50 1.50

SCHEMATICS & PC LAYOUTS (BOTTOM VIEWS)

WJ102

