

► FEATURES

- DIL Pitch Terminals
- High Sensitivity.
- Conforms to FCC part 68 1.5kV Surge and Dielectric 1000VAC
- High Reliability bifurcated Contact

► TYPICAL APPLICATIONS

- Telecommunication Equipment
- Office Equipment
- Security Alarm Systems
- Measuring instruments.
- Medical Monitoring Equipment.
- Audio Visual Equipment
- Flight Simulator.
- Sensor Control.



► SPECIFICATIONS

Coil data(at20℃)

Coil voltage VDC		Coil Resistance $\Omega \pm 10\%$	Pick up voltage VDC(max) (70% or 66% of rated voltage)	Release voltage VDC(min) (5% or 10% of rated voltage)	Coil Power W	Operate Time ms	Release Time ms
Rated	Max						
3	7.5	60	2.1	0.15	0.15	<4.5	<1.5
5	12.5	167	3.5	0.25	0.15		
6	15.0	240	4.2	0.3	0.15		
9	22.5	540	6.3	0.45	0.15		
12	30.0	960	8.4	0.6	0.15		
18	40.0	1620	12.6	0.9	0.20		
24	52.9	2880	16.8	1.2	0.20		
48	84.9	7680	33.6	2.4	0.30		
3	6.5	45	2.1	0.3	0.20	<4.5	<1.5
5	10.8	125	3.5	0.5	0.20		
6	13.0	180	4.2	0.6	0.20		
9	19.5	405	6.3	0.9	0.20		
12	26.5	720	8.4	1.2	0.20		
24	52.9	2880	16.8	2.4	0.20		
48	103.9	11520	33.6	4.8	0.20		
5	7.7	56	3.3	0.5	0.45	<4.5	<1.5
6	9.2	80	4.0	0.6	0.45		
8	13.7	180	6.0	0.9	0.45		
12	18.3	320	8.0	1.2	0.45		
18	27.5	720	12.0	1.8	0.45		

24	36.7	1280	15.9	2.4	0.45		
48	72.5	5000	33.0	4.8	0.45		

▶ CONTACT DATA

Item/Arrangement	2C(Bifurcated Crossbar)
Rated load	1A, 24VDC,0.5A 120VAC
Max. carrying current	2A
Max. Switching Voltage	220VDC, 250VAC
Max. Switching current	2A
Max. Switching power	62.5VA, 30W
Min. permissible load	0.01mA 10mV
Contact resistance (Initial)	Max.50m Ω (item 3.12 of IEC255-7)
Contact material	Ag+Pd(Stationary Contact : Gold clad)

▶ CHARACTERISTICS (at initial value)

Electrostatic capacitance	Between open contacts	Approx. 0.7pF
	Between coil and contacts	Approx. 1.0pF
	Between contacts poles	Approx. 0.9pF
insulation Resistance		1000M Ω min(at 500VDC)
Dielectric Strength	Between open contacts	1000VAC 1min
	Between coil and contacts	1000VAC 1min
	Between contacts poles	1000VAC 1min
Surge Withstand Voltage	Between open contacts	1500V
	Between coil and contacts	1500V
	Between contacts poles	1500V
Shock Resistance	Functional	100m/s ² 11ms
	Endurance	1000m/s ² 6ms
Vibration resistance	Functional	1.5mm
	Endurance	5mm
Terminal Strength		5N
Solderability		230℃ $\pm$ 2℃ 10 $\pm$ 0.5s
Ambient Temperature		-40~90℃ (-40~80)℃ for 0.3W coil
Life expectancy		1A 24VDC : 5 x 10 ⁵ (Ag Alloy : 5 x 10 ⁵) /0.5A 120VAC : 2 x 10 ⁵
Weight (about)		4.5g

