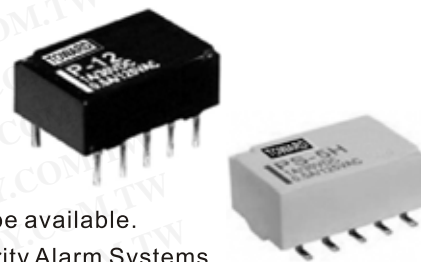


繼電器

# Signal Relay



## Features

- P: DIL Pitch Terminals. High Sensitivity: 0.14W or 0.10W Nominal Power.  
PS: Surface mount Type with "L" shaped terminals.
- Conforms to FCC Part 68 1.5kV Surge and Dielectric 1000VAC
- Monostable or bistable relays Single and double Coil magnet latching Type available.
- Application for Telecommunication Equipment, Office Equipment, Security Alarm Systems, Measuring instruments, Medical Monitoring Equipment, Audio Visual Equipment, Flight Simulator, Sensor Control.

## Order Code

PS - L - 12 - H  
a b c d

a: Relay Model  
P: DIL Pitch Terminal  
PS: Surface Mount Type  
b: Operating Function: NIL: Single Side Stable L: 1 Coil Latching K: 2 Coil Latching  
c: Nominal Coil Voltage.  
d: Structure: NIL: Standard H: Washable Type

勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-34970699  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)

## Coil Data-Single Side Stable Type (at 20°C)

Nominal Voltage(VDC)		Coil Resistance ±10% (ohm)	Max. Operate Voltage (VDC)	Min. Release Voltage (VDC)	Coil power Consumption (W)	Operate Time (ms)	Release Time (ms)
Rated	Max.						
3	7.5	64.3	2.25	0.3	0.14	2	1
5	12.5	178	3.75	0.5			
6	15	257	4.5	0.6			
9	22.5	579	6.75	0.9			
12	30	1028	9	1.2			
24	48	2880	18	2.4	0.2		

## Coil Data-P, 1Coil Latching Type (at 20°C)

Nominal Voltage(VDC)		Coil Resistance ±10% (ohm)	Max. Set Voltage (VDC)	Max. Reset Voltage (VDC)	Coil power Consumption (W)	Set Time (ms)	Reset Time (ms)
Rated	Max.						
3	8.7	90	2.25	-2.25	0.1	2	2
5	14.5	250	3.75	-3.75			
6	17.4	360	4.5	-4.5			
9	26.1	810	6.75	-6.75			
12	34.8	1440	9	-9			
24	57.6	3840	18	-18	0.15		

## Coil Data-P, 2Coil Latching Type (at 20°C)

Nominal Voltage(VDC)		Coil Resistance ±10% (ohm)		Max. Set Voltage (VDC)	Max. Reset Voltage (VDC)	Coil power Consumption (W)	Set Time (ms)	Reset Time (ms)
Rated	Max.	Coil1	Coil2					
3	8.7	45	45	2.25	2.25	0.2	2	2
5	14.5	125	125	3.75	3.75			
6	17.4	180	180	4.5	4.5			
9	26.1	405	405	6.75	6.75			
12	34.8	720	720	9	9			
24	57.6	1920	1920	18	18	0.3		

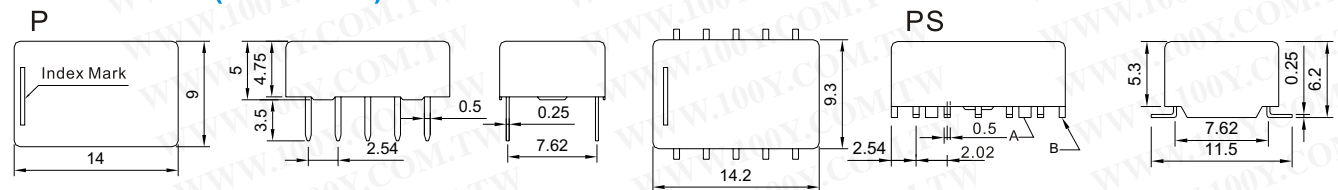
**Contact Rating**

Contact Form	2 Form C
Contact Rating	1A/30VDC;0.5A/125VAC
Max.Switching Power	30W 62.5VA Min.Switching load:0.01mA/10mV(Reference Value)
Max. Switch Voltage	220VDC 250VAC
Max. Switching Current	1A

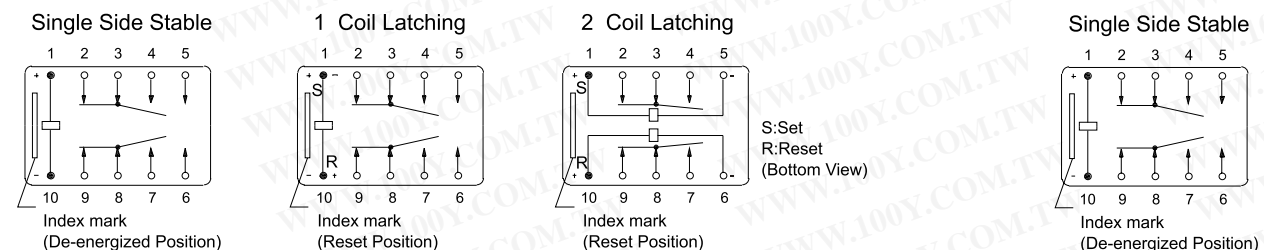
**Specification**

Contact Material	Silver Alloy
Contact Resistance	Max.50m ohm
Electrostatic capacitance	Between Open Contacts Approx.0.4pF Between Coil to Contacts Approx.0.9pF Between Contacts Poles Approx.0.2pF
Insulation Resistance	1000M ohm Min. (500VDC)
Dielectric Strength	Between Open Contacts 1000VAC (for 1 min) Between Coil to Contacts 1000VAC (for 1 min) Between Contacts Poles 1000VAC (for 1 min)
Surge Withstand Voltage	Between Open Contacts 1500V Between Coil to Contacts 1500V Between Contacts Poles 2500V
Vibration resistance	10-55Hz Double amplitude Functional:3mm Endurance:5mm
Shock resistance	Functional 500m/s <sup>2</sup> 11ms Endurance 1000m/s <sup>2</sup> 6ms
Terminals strength	5N
Solderability	235°C ±2°C 3±0.5s
Life Expectancy Mechanical	100,000,000 ops
Life Expectancy Electrical	1A/30VDC: 1 x 10 <sup>5</sup> 0.5A/125VAC: 1 x 10 <sup>5</sup>
Temperature Range	P:-40°C ~+70°C (-40~158°F), PS:-40°C ~+85°C (-40~185°F)
Weight	Approx.1.5g

**Dimensions (Unit: mm)**



**Wiring Diagrams (Bottom View)**



**Mounting/Mounting (Bottom View)**

