

## SIP/SG Series

- ❖ Various contact configurations
- ❖ Some models offer VDE compliance, i.e., 4000 VAC isolation
- ❖ Optional shielding and diodes
- ❖ UL models available

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-54151736  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)



### ❖ Coil Ratings

Part Number	Nominal Voltage (VDC)	Coil Resistance (ohms) $\pm 10\%$	Operate Voltage (VDC) max.	Release Voltage (VDC) min.	Schematics
SG1A**AWJ(D)	5 12 24	500 850 2200	3.8 9.0 18.0	0.5 1.0 2.0	
SG1A**AWR(D) SG1A**RWR(D)	5 12 24	500 (350) 850 2200 ( ) = RWR	3.8 9.0 18.0	0.5 1.0 2.0	
SG1C**FWS(D)	5 12 24	200 500 2000	3.8 9.0 18.0	0.5 1.0 2.0	
SG1A**EWR(D) Mercury	5 12 24	150 500 1440	3.8 9.0 18.0	0.5 1.0 2.0	
SE1B**AXJ	5 12	500 500	3.8 9.0	0.5 1.0	
SE1B**AXP	5 12	500 500	3.8 9.0	0.5 1.0	

TAMB. = +20°C

(M.S.) : Magnetic Shield

### ❖ Contact Ratings

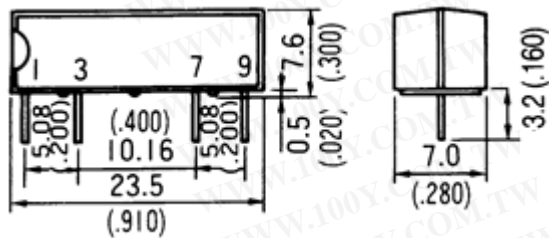
Parameters	SG1A**AWJ	SG1A**AWR	SG1A**RWR
Power (W) max.	10	10	10
Voltage (VDC) max.	200	200	500
Switching Current (A) max.	0.5	0.5	0.5

Carry Current (A) max.		1.0	1.0	1.0
Contact Resistance (ohms) max. (initial)		0.2	0.2	0.2
Breakdown Voltage (VDC) min.	Open Contact	250	250	1000
	Contact to Coil	1500	4000AC	4000AC
Insulation Resistance (ohms) min.	Open Contact	10 <sup>10</sup>	10 <sup>10</sup>	10 <sup>10</sup>
	Contact to Coil	10 <sup>10</sup>	10 <sup>10</sup>	10 <sup>10</sup>
Operate Time (mS) max (incl. bounce)		1.0	1.0	1.0
Release Time (mS) max.		0.5	0.5	0.5
Electrical Life	Low Level	10 <sup>8</sup> (10mVDC, 10μA)	10 <sup>8</sup> (10mVDC, 10μA)	10 <sup>8</sup> (10mVDC, 10μA)
	Rated Load	6 X 10 <sup>5</sup> (20VDC, 0.5A)	6 X 10 <sup>5</sup> (20VDC, 0.5A)	5 X 10 <sup>5</sup> (500VDC, 20mA)

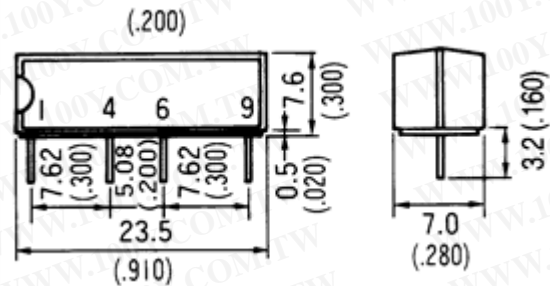
(resistive loads)

## Dimensions

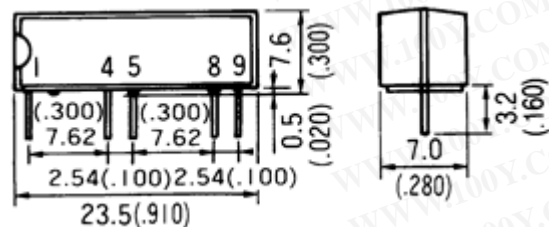
SG1A \_\_ AWJ



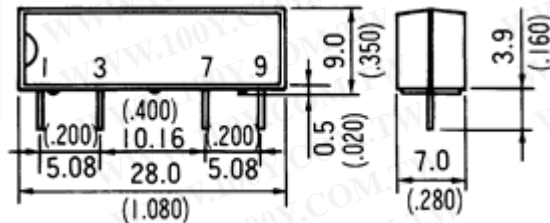
SG1A \_\_ AWR, RWR, EWR



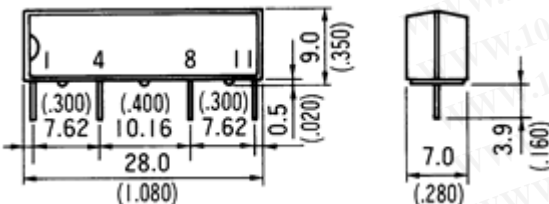
SG1C \_\_ FWS



SE1B \_\_ AXJ



SE1B \_\_ AXP



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