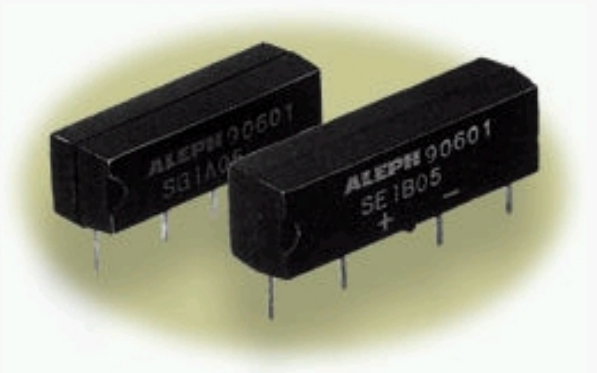
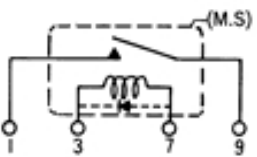
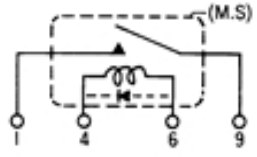
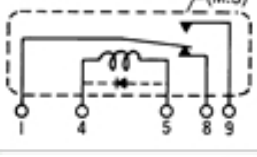
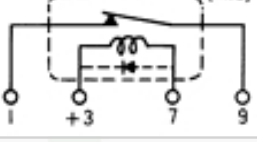
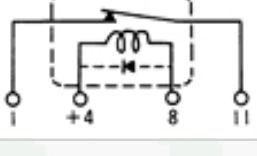


SIP/SG Series

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



Coil Ratings

Part Number	Nominal Voltage (VDC)	Coil Resistance (ohms) ± 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	
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	

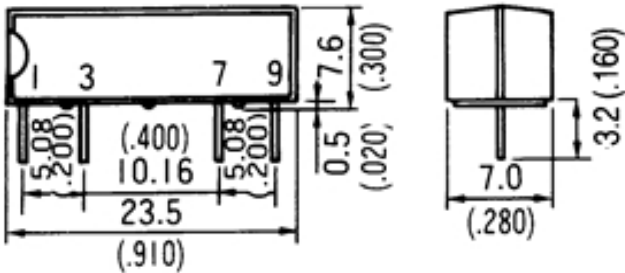
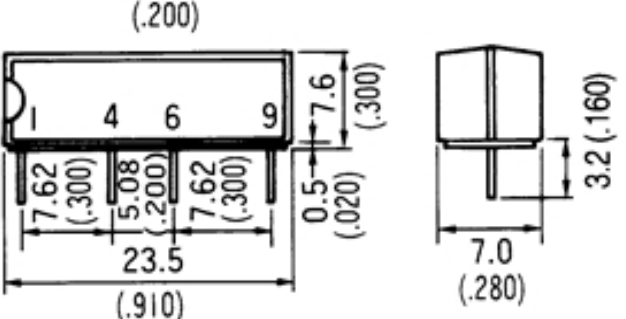
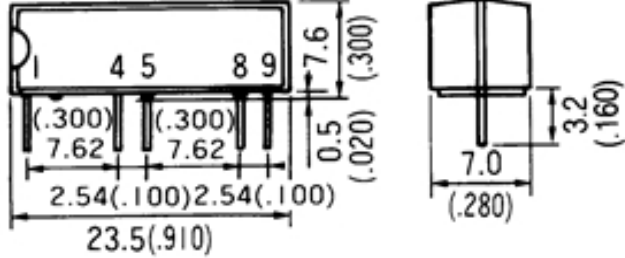
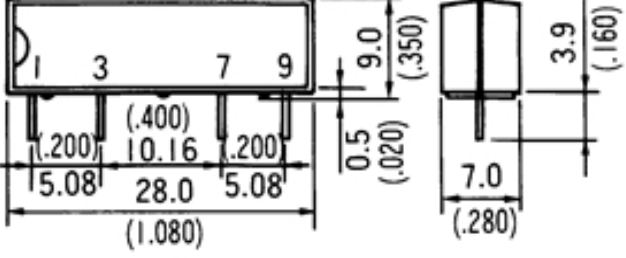
TAMB. = +20°C
(M.S.) : Magnetic Shield

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 ¹⁰	10 ¹⁰	10 ¹⁰
	Contact to Coil	10 ¹⁰	10 ¹⁰	10 ¹⁰
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 ⁸ (10mVDC, 10 μ A)	10 ⁸ (10mVDC, 10 μ A)	10 ⁸ (10mVDC, 10 μ A)
	Rated Load	6 X 10 ⁵ (20VDC, 0.5A)	6 X 10 ⁵ (20VDC, 0.5A)	5 X 10 ⁵ (500VDC, 20mA)

(resistive loads)

Dimensions

SG1A __ AWJ 	SG1A __ AWR, RWR 
SG1C __ FWS 	SE1B __ AXJ 
SE1B __ AXP 