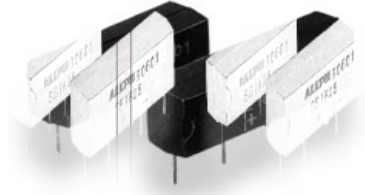


**PRODUCT  
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## Aleph SIP/SG Series Reed Relay

- 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	500	3.8	0.5	
	12	850	9.0	1.0	
	24	2200	18.0	2.0	
SG1A**AWR(D)	5	500 (350)	3.8	0.5	
	12	850	9.0	1.0	
SG1A**RWR(D)	24	2200	18.0	2.0	
		( ) = RWR			
SG1C**FWS(D)	5	200	3.8	0.5	
	12	500	9.0	1.0	
	24	2000	18.0	2.0	
SE1B**AXJ	5	500	3.8	0.5	
	12	500	9.0	1.0	
SE1B**AXP	5	500	3.8	0.5	
	12	500	9.0	1.0	

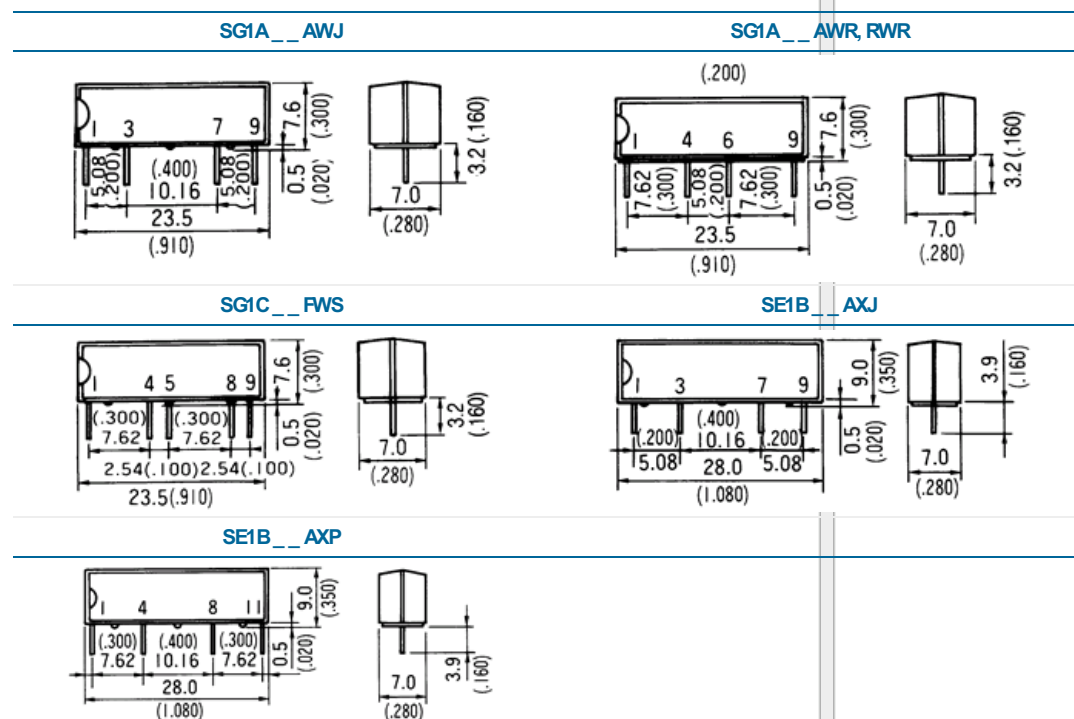
TAMB. = +20°C  
(M.S.) : Magnetic Shield

### 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	
	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





Aleph is a leading manufacturer of Opto Sensors (interrupter, reflective and actuator type), Magneto Resistive, Inductive, Thermal (reed switch), Magnetic Proximity (reed switch) and Deceleration/Crash type sensors.

Our security products are considered some of the best in the world. We manufacture and distribute Passive Infrared Detectors, Photoelectric Beams and Magnetic Contacts.

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