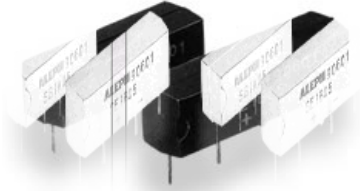


PRODUCT FINDER

[Reed Switches](#)[Reed Relays](#)[Selection Guide](#)[Application Notes](#)[4-Pin-DIP-DF](#)[PB-PC](#)[ML-W](#)[SIP-DG](#)[SIP-DH](#)[SIP-SD](#)[SIP-SG](#)[Z](#)[Passive Infrared Detectors](#)[Photoelectric Beams](#)[Opto Sensors](#)[Proximity Sensors](#)[Automotive Sensors](#)[Level Sensors](#)[Flow Sensors](#)[Magnetic Contacts](#)[Video](#)

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) SG1A**RWR(D)	5	500 (350) 850	3.8	0.5	
	12	2200	9.0	1.0	
	24	() = RWR	18.0	2.0	
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	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, 10µA)	10 ⁸ (10mVDC, 10µA)	10 ⁸ (10mVDC, 10µA)
	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	



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.

Aleph America
4700 Aircenter Circle
Reno, NV 89502

775-827-8000

About Us

[Aleph America](#)
[Aleph Holland](#)
[Aleph Japan](#)
[Aleph China](#)

[Staff Contacts](#)
[Sales Offices & Distributors](#)

Products

[Reed Switches](#)
[Reed Relays](#)
[Passive Infrared Detectors](#)
[Photoelectric Beams](#)
[Opto Sensors](#)
[Proximity Sensors](#)
[Automotive Sensors](#)
[Level Sensors](#)
[Flow Sensors](#)
[Magnetic Contacts](#)
[Aleph Video](#)

Contact Us

[Request a Catalog](#)
[Request a Quote](#)
[Request Cross-Reference](#)
[Staff Contacts](#)
[Find a Sales Office or Distributor](#)