

PRODUCT FINDER

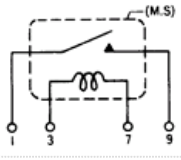
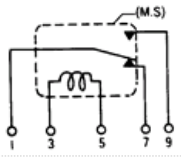
- Reed Switches
- Reed Relays
- Selection Guide
- Application Notes
- 4-Pin-DIP-DF
- PB-PC
- ML-W
- SIP-DG
- SIP-DH
- SIP-SD**
- SIP-SG
- Z
- Passive Infrared Detectors
- Photoelectric Beams
- Opto Sensors
- Proximity Sensors
- Automotive Sensors
- Level Sensors
- Flow Sensors
- Magnetic Contacts
- Video

Aleph SIP/SD Series Reed Relay

- Industry standard footprint
- High power contacts on some models
- UL models available



Coil Ratings

Part Number	Nominal Voltage (VDC)	Coil Resistance (ohms) ±10%	Operate Voltage (VDC) max.	Release Voltage (VDC) min.	Schematics
SD1A**AWJ	5	500	3.8	0.5	
SD1A**CWJ	12	500	9.0	1.0	
SD1A**DWJ	24	2000	18.0	2.0	
SD1C**FWN	5	200	3.8	0.5	
	12	500	9.0	1.0	
	24	2000	18.0	2.0	

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

Contact Ratings

Parameters	SD1A**AWJ	SD1A**CWJ	SD1A**DWJ	SD1C**FWN
Power (W) max.	10	50	25	3
Voltage (VDC) max.	200	200	1000	100
Switching Current (A) max.	0.5	1.0	1.0	0.25
Carry Current (A) max.	1.0	2.0	2.0	0.5
Contact Resistance (ohms) max. (initial)	0.2	0.2	0.2	0.2
Breakdown Voltage (VDC) min.	Open Contact	250	300	1500
	Contact to Coil	1500	1500	1500
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	2.0
Release Time (mS) max.	0.5	0.5	0.5	2.5
Electrical Life	Low Level	10 ⁸ (10mVDC, 10µA)		5 X 10 ⁶ (10VDC, 4mA)
	Rated Load	6 X 10 ⁵ (20VDC, 0.5A)	5 X 10 ⁵ (200VDC, 0.25A)	2 X 10 ⁶ (1000VDC, 10mA)

(resistive loads)

Dimensions

