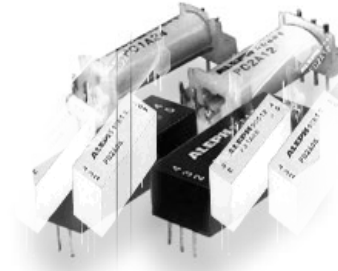


PRODUCT FINDER

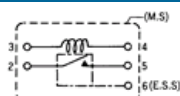
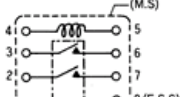
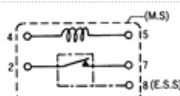
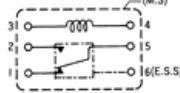
- Reed Switches
- Reed Relays
- Selection Guide
- Application Notes
- 4-Pin-DIP-DF
- PB-PC**
- ML-W
- SIP-DG
- SIP-DH
- SIP-SD
- SIP-SG
- Z
- Passive Infrared Detectors
- Photoelectric Beams
- Opto Sensors
- Proximity Sensors
- Automotive Sensors
- Level Sensors
- Flow Sensors
- Magnetic Contacts
- Video

Aleph ECONO-OPEN/PB-PC Series Reed Relay

- Open frame and encased package
- Industry standard package style
- Various contact configurations
- Variety of options



Coil Ratings

Part Number		Nominal Voltage (VDC)	Coil Resistance (ohms) ±10%	Operate Voltage (VDC) max.	Release Voltage (VDC) min.	Schematics
ECONO	OPEN					
PB1A**AWE	PC1A**AWE	5	250 (500)	3.8	0.5	
PB1A**CWE	PC1A**CWE	12	500	9.0	1.0	
PB1A**DWE	PC1A**CWE	24	2000	18.0	2.0	
			*() : AW type			
PB2A**AWE	PC2A**AWE	5	200	3.8	0.5	
PB2A**CWE	PC2A**CWE	12	440	9.0	1.0	
PB2A**DWE	PC2A**CWE	24	1750	18.0	2.0	
PB1B**AWE		5	200	3.8	0.5	
		12	440	9.0	1.0	
		24	1750	18.0	2.0	
PB1C**FWE		5	500	3.8	0.5	
PC1C**FWE		12	500	9.0	1.0	
		24	2000	18.0	2.0	

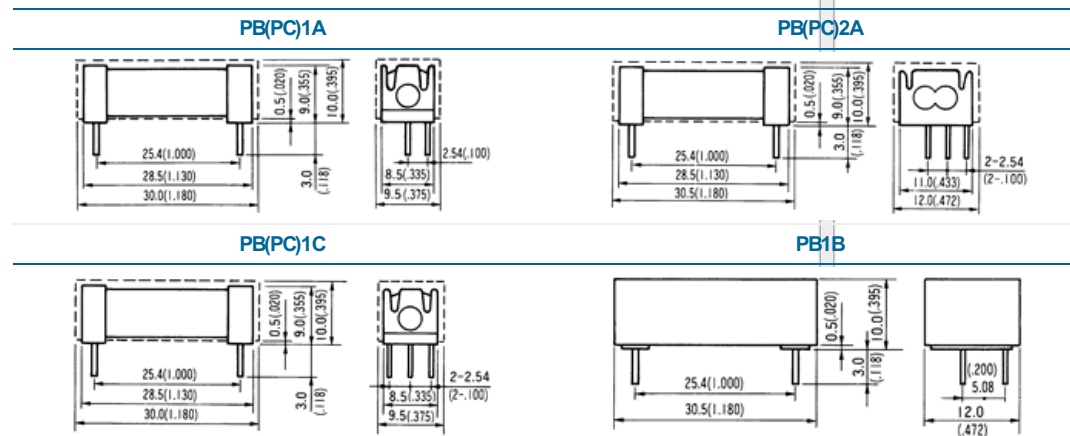
TAMB. = +20°C
 (M.S.) : Magnetic Shield
 (E.S.S.) : Electrostatic Shield

Contact Ratings

Parameters	PB1A**AW PC1A**AW PB2A**AW PC2A**AW PB1B**AW PC1B**AW	PB1A**CW PC1A**CW PB2A**CW PC2A**CW	PB1A**DW PB2A**DW	PB1C**FW PC1C**FW
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	500	500	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)	10 ⁷ (10VDC, 4mA)	5 X 10 ⁷ (10VDC, 4mA)
	Rated Load	6 X 10 ⁵ (20VDC, 0.5A)	5 X 10 ⁵ (200VDC, 1.0A)	2 X 10 ⁶ (1000VDC, 10mA)

(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.

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](#)