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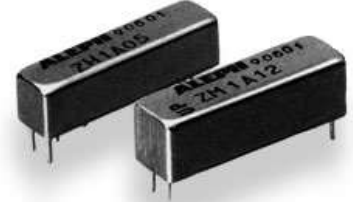
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# Aleph Ultra Compact/Z Series Reed Relay

- Ultra compact package
- Coaxial shields on some models
- Metal can for interference immunity
- Various contact configurations



## Coil Ratings

Part Number	Nominal Voltage (VDC)	Coil Resistance (ohms) ±10%	Operate Voltage (VDC) max.	Release Voltage (VDC) min.	Schematics
ZA1A**AZ	5 12	150 680	3.8 9.0	0.5 1.0	
ZH1A**AZ (for RF applications)	5 12	250 1200	3.8 9.0	0.5 1.0	
ZC1C**CZ	5 12	100 250	3.8 9.0	0.5 1.0	

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

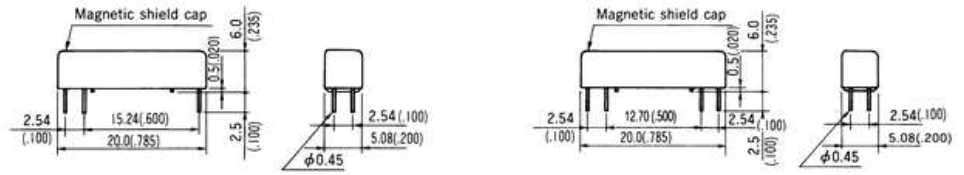
## Contact Ratings

Parameters	ZA1A**AZ	ZH1A**AZ	ZC1C**CZ
Power (W) max.	10	3	3
Voltage (VDC) max.	200	100	100
Switching Current (A) max.	0.5	0.25	0.25
Carry Current (A) max.	1.0	0.5	0.5
Contact Resistance (ohms) max. (initial)	0.15	0.15	0.15
Breakdown Voltage (VDC) min.	Open Contact	250	200
	Contact to Coil	500	500
Insulation Resistance (ohms) min.	Open Contact	10 <sup>10</sup>	10 <sup>9</sup>
	Contact to Coil	10 <sup>10</sup>	10 <sup>10</sup>
Operate Time (mS) max (incl. bounce)	1.0	2.0	2.0
Release Time (mS) max.	0.5	2.5	2.5
Electrical Life	Low Level	10 <sup>8</sup> (10mVDC, 10µA)	5 X 10 <sup>6</sup> (10VDC, 4mA)
	Rated Load	6 X 10 <sup>5</sup> (20VDC, 0.5A)	2 X 10 <sup>6</sup> (12VDC, 0.25A)

## Dimensions

ZA Series

ZH – ZC Series



## RF Characteristic Curves

ZH1A \_\_ AZ

