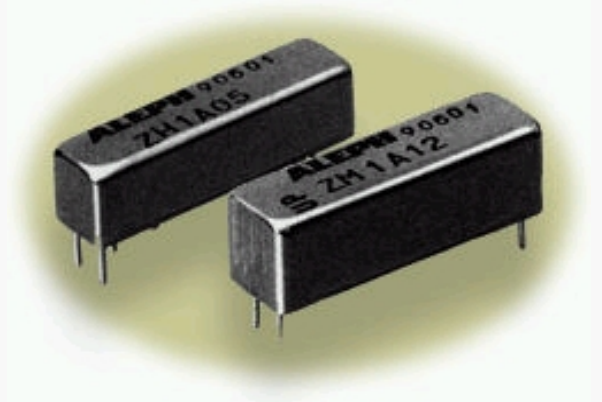


Ultra Compact/Z Series

- 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
Voltage (VDC) max.		200	100
Switching Current (A) max.		0.5	0.25
Carry Current (A) max.		1.0	0.5
Contact Resistance (ohms) max. (initial)		0.15	0.15
Breakdown Voltage (VDC) min.	Open Contact	250	200
	Contact to Coil	500	500
Insulation Resistance (ohms) min.	Open Contact	10 ¹⁰	10 ⁹
	Contact to Coil	10 ¹⁰	10 ¹⁰
Operate Time (mS) max (incl. bounce)		1.0	2.0
Release Time (mS) max.		0.5	2.5
Electrical Life	Low Level	10 ⁸ (10mVDC, 10 μA)	5 X 10 ⁶ (10VDC, 4mA)
	Rated Load	6 X 10 ⁵ (20VDC, 0.5A)	2 X 10 ⁶ (12VDC, 0.25A)

(resistive loads)

Dimensions

ZA Series	ZH - ZC Series

RF Characteristic Curves

ZH1A __ AZ

