

AZ763

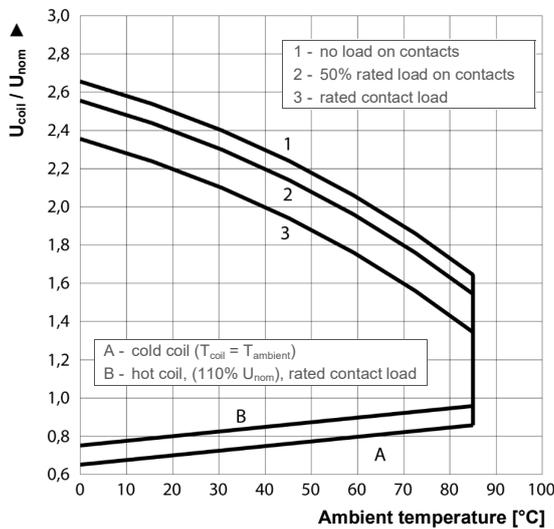
DC COIL VOLTAGE SPECIFICATIONS

Nominal Coil VDC	Must Operate VDC	Max. Cont. VDC	Nom. Current mA $\pm 10\%$	Resistance Ohm $\pm 10\%$
3	2.1	7.6	136	22
5	3.5	12.7	83.3	60
6	4.2	15.3	66.7	90
9	6.3	22.9	45.0	200
12	8.4	30.6	33.3	360
18	12.6	45.9	25.4	710
24	16.8	61.2	16.7	1440
36	25.2	92.0	11.5	3140
48	33.6	122	8.42	5700
60	42.0	153	8.0	7500
110	77.0	280	4.37	25200

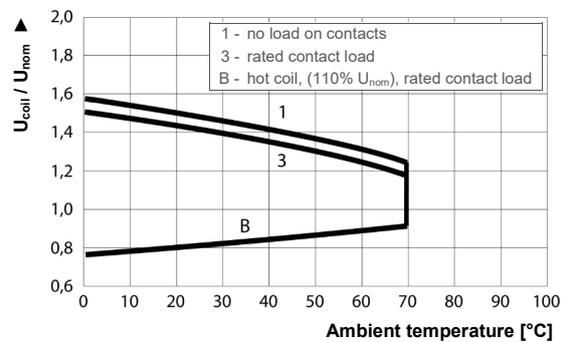
AC COIL VOLTAGE SPECIFICATIONS

Nominal Coil VAC	Must Operate VAC	Max. Cont. VAC	Nom. Current mA $\pm 10\%$	Resistance Ohm $\pm 10\%$
12	9.0	18.0	63.0	100
24	18.0	36.0	31.3	400
48	36.0	72.0	15.6	1550
60	45.0	90.0	12.5	2600
110	82.5	165.0	6.8	8900
115	86.3	172.5	6.5	9600
120	90.0	180.0	6.3	10200
220	165.0	330.0	3.4	35500
230	172.5	345.0	3.3	38500
240	180.0	360.0	3.1	42500

DC COIL OPERATING RANGE



AC COIL OPERATING RANGE



ORDERING DATA

AZ763 - -

Sealing option
nil: flux proof - non sealed
E: wash tight - sealed

Coil type
D: DC coil type
A: AC coil type

Nominal coil voltage
see coil voltage specifications tables

Contact material
nil: silver nickel
G: silver nickel - gold plated
E: silver tin oxide

Contact arrangement
1A: 1 Form A (SPST-N.O.)
1C: 1 Form C (SPDT)

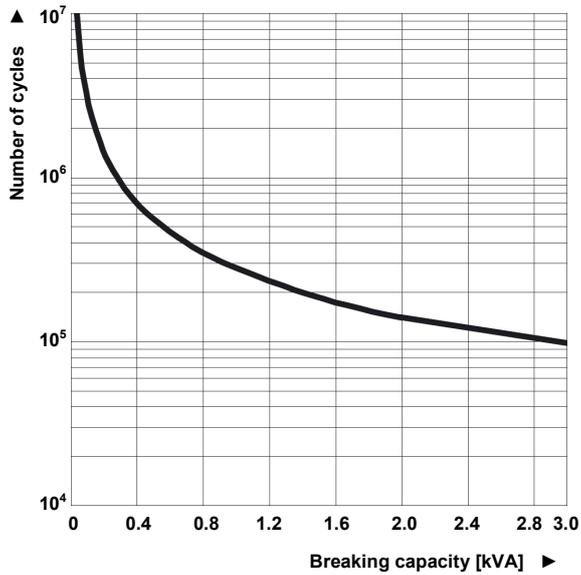
Pinout/Spacing
nil: 3.5mm standard spacing
L: 5.0mm LEFT spacing
R: 5.0mm RIGHT spacing

Example ordering data

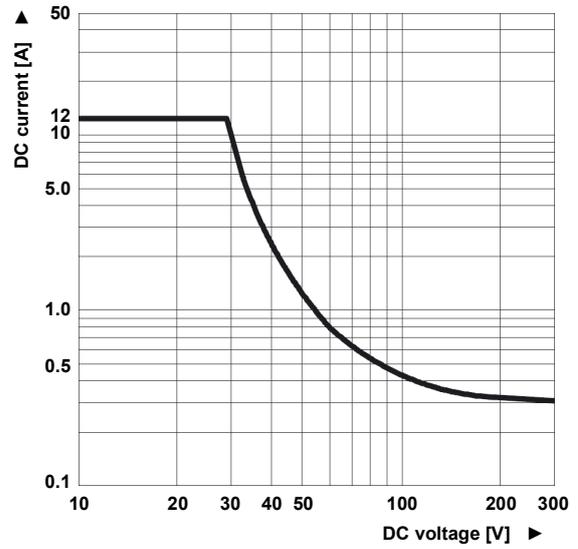
- AZ763-1AE-12D 1 Form A (SPST-N.O.), silver tin oxide, 12 VDC nominal coil voltage, 3.5mm standard spacing, flux tight version
- AZ763R-1CG-24DE 1 Form C (SPDT), gold plated silver nickel, 24 VDC coil, 5.0 mm RIGHT spacing, wash tight version
- AZ763L-1A-230AE 1 Form A (SPST-N.O.), silver nickel, 230 VAC coil, 5.0 mm LEFT spacing, wash tight version

LIFE EXPECTANCY

Electrical life at 250VAC, resistive load

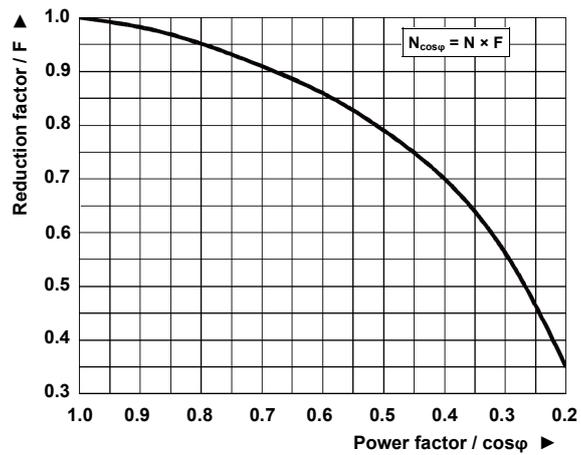


MAX DC RESISTIVE LOAD BREAKING CAPACITY



INDUCTIVE LOADS LIFE REDUCTION

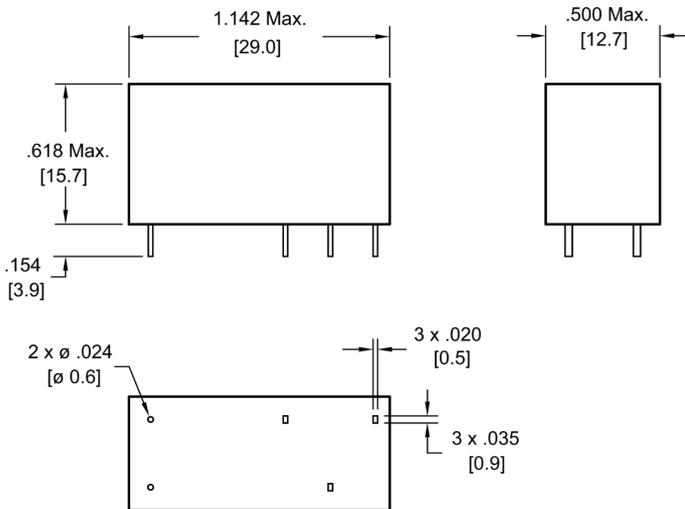
Electrical life reduction factor at inductive AC load



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MECHANICAL DATA

Dimensions in inches with metric equivalents in parentheses. Tolerance: $\pm .010$ "



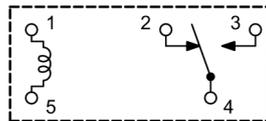
WIRING DIAGRAMS

Viewed towards terminals.

3.5 mm Standard Spacing and 5.0 mm LEFT Spacing



1 Form A

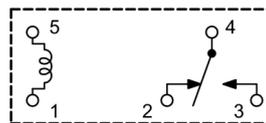


1 Form C

5.0 mm RIGHT Spacing



1 Form A



1 Form C

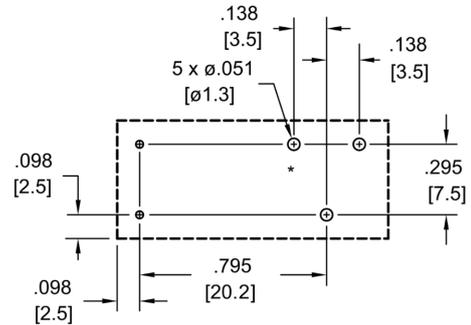
PC BOARD LAYOUT

Recommendation for PC board layout.

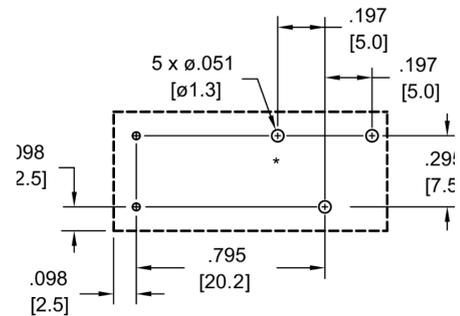
Dimensions in inches with metric equivalents in parentheses. Viewed towards terminals.

* Note: Pin not used on 1 Form A (SPST-N.O.) contacts

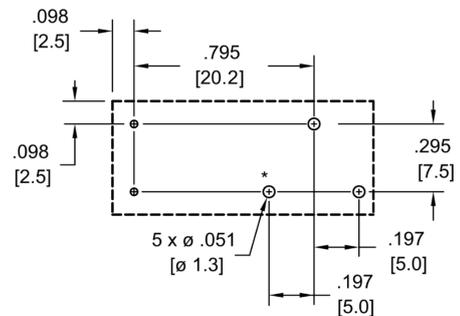
3.5 mm Standard Spacing



5.0 mm LEFT Spacing



5.0 mm RIGHT Spacing



NOTES

1. Specifications subject to change without notice.
2. All values at 23°C (73°F) unless otherwise stated.
3. Relay may pull in with less than "Must Operate" value.
4. Coil suppression circuits such as diodes, etc. in parallel to the coil will lengthen the release time.

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DISCLAIMER

This product specification is to be used in conjunction with the application notes which can be downloaded from the regional ZETTLER relay websites. The specification provides an overview of the most significant part features. Any individual applications and operating conditions are not taken into consideration. It is recommended to test the product under application conditions. Responsibility for the application remains with the customer. Proper operation and service life cannot be guaranteed if the part is operated outside the specified limits.

ZETTLER GROUP

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