Type 0ADBC / 0ADBP

Fast-Acting Fuse Series

HF Pb 0ADBC/0ADBP Series, 6x32mm Ceramic Tube Fast-Acting Fuse RoHS Compliant

Description

A 1000 VAC/VDC rated ceramic tube cartridge fuse in a compact 6.3 x 32mm package,

Features

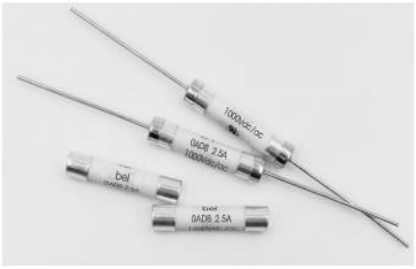
- Fast-acting, high breaking capacity up to 1000VDC/AC
- Available in cartridge and pigtail axial lead
- Designed to UL 248-1
- Full compliance with EU Directive 2011/65/EU and amending directive 2015/863
- Halogen Free
- Lead Free

Applications

- Digital Measuring Instruments
- Industrial Power Supplies
- DC/DC modules

LEAD FREE = Pb

HALOGEN FREE = HF



Physical Specifications

Materials	Body : Ceramic
	Cap: Silver Plated Caps
	Pigtail Leads: Tin Plated Copper
Marking	On Fuse :
	“bel”
	“0ADB”,“Current Rating”,“Voltage Rating”, ”Appropriate Safety Logos”
	On Label :
	"bel","0ADBC"or"0ADBP","Current Rating","Voltage Rating","Interrupting Rating", "Appropriate Safety Logos" and " RoHS ", " e "(China RoHS compliant).

Electrical Characteristics

Testing Current	Opening Time
100%	4 hour Min.
250%	120 sec Max.

Safety Agency Approvals

Safety Agency	Safety Agency Certificate	Ampere Rating / Voltage Rating	Ampere Range / Volt @ I.R. ability*
c US	E20624	200mA–3A /1000V AC/DC	200mA–3A /1000V@ 10KA AC /1000V@ 10KA DC
*I.R.= Interrupting Rating = Short Circuit Rating(Amps)			

Electrical specifications

Part Number	Ampere Rating	Typical Cold Resistance (mOhms)	Voltage and Interrupting Ratings	Typical Voltage Drop (mV)	Typical Pre–Arcing I²t (A²Sec)
0ADBC0200-BE	200mA	3900	See Table of Ratings on Page 1 for Voltage and associated Interrupting Ratings	916	0.0031
0ADBP0200-RE					
0ADBC0250-BE	250mA	2755		850	0.009
0ADBP0250-RE					
0ADBC0315-BE	315mA	1875		900	0.050
0ADBP0315-RE					
0ADBC0400-BE	400mA	1845		860	0.059
0ADBP0400-RE					
0ADBC0500-BE	500mA	1160		600	0.081
0ADBP0500-RE					
0ADBC0600-BE	600mA	1030		550	0.178
0ADBP0600-RE					
0ADBC0800-BE	800mA	530		510	0.256
0ADBP0800-RE					
0ADBC1000-BE	1A	450		560	0.21
0ADBP1000-RE					
0ADBC1250-BE	1.25A	260		550	1.45
0ADBP1250-RE					
0ADBC1600-BE	1.6A	185		395	0.80
0ADBP1600-RE					
0ADBC2000-BE	2A	150		400	1.25
0ADBP2000-RE					
0ADBC2500-BE	2.5A	88		300	4.5
0ADBP2500-RE					
0ADBC3000-BE	3A	60		270	7.54
0ADBP3000-RE					

Consult manufacturer for other ratings

*DC Cold Resistance are measured at <10% of rated current in ambient temperature of 25℃

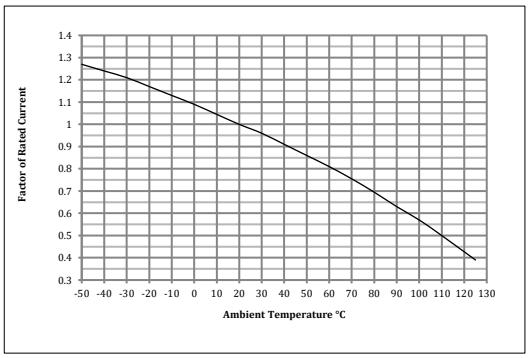
*Typical Pre-arcing I^2t are measured at 10In Current

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West Orange, NJ 07052 USA

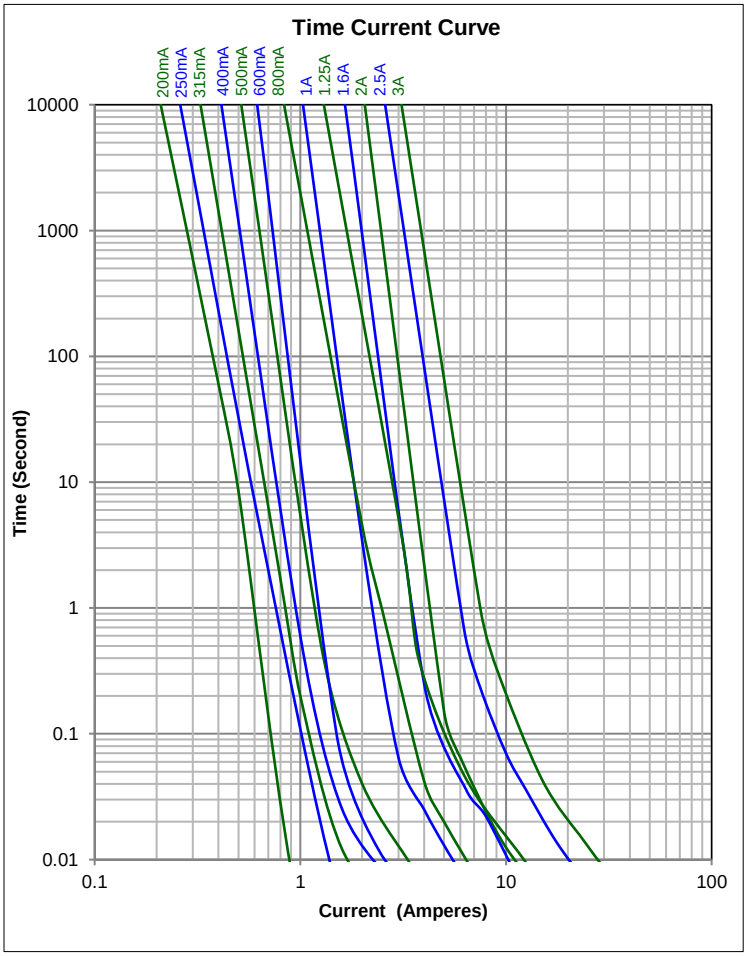
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Temperature Re-Rating Curve



Average Time Current Curve



Soldering parameters for Pigtail Type

Wave Soldering Compatible: (260℃,10 sec max)
Hand-Solder:
Solder Iron Temperature: (350℃+/-5℃)
Heating Time：(5 sec max)

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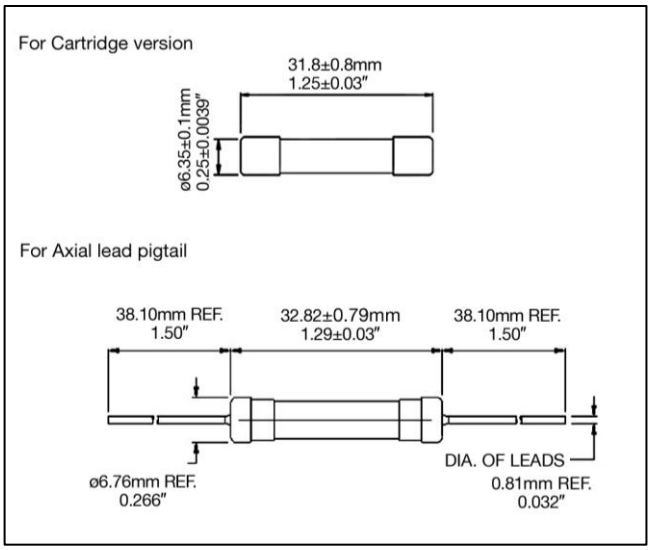
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Fuse FGNO Explanation
0ADB X [XXXX] -XX
0ADBC/P=0ADBC/P; [XXXX]=Ampere Rating; XX=See Ordering Information as below

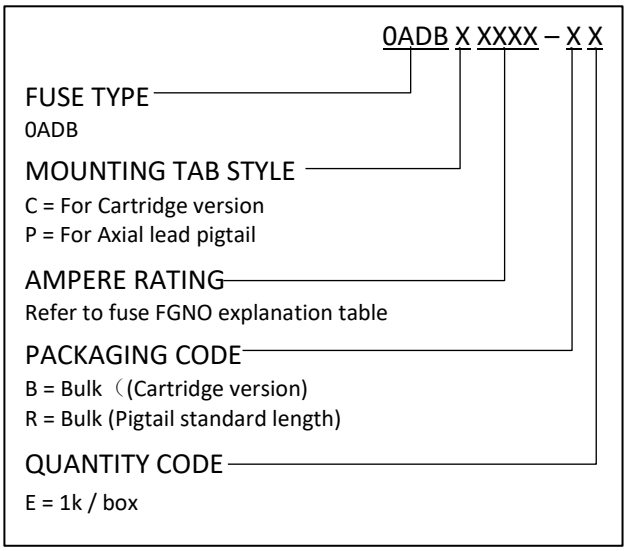
Fraction	Decimal	Milliamps	Bel FGNO[XXXX]
1/5	0.200	200	0200
1/4	.250	250	0250
	.315	315	0315
4/10	.400	400	0400
1/2	.500	500	0500
6/10	.600	600	0600

Fraction	Decimal	Amps	Bel FGNO[XXXX]
	1.0	1	1000
1-1/4	1.25	1.25	1250
	1.6	1.6	1600
	2.0	2	2000
2-1/2	2.5	2.5	2500
	3.0	3	3000

Mechanical Dimensions



Ordering Information



Packaging

Packaging Option	Quantity	Packaging Code
Bulk	1000	BE
Bulk (Pigtail Version)	1000	RE

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