

Type 0ALB

800VDC, DC Fuse for EV/HEV

0ALB Series

RoHS Compliant

Description

DC fuse for EV/HEV

Features



- Excellent DC performance
- Full compliance with EU Directive 2011/65/EU and amending directive 2015/863
- Design to EV fuse standard UL248-20
- Reliability performance design refer to ISO8820-8&GB/T31465.6

Applications

EV or HEV application



Physical Specifications

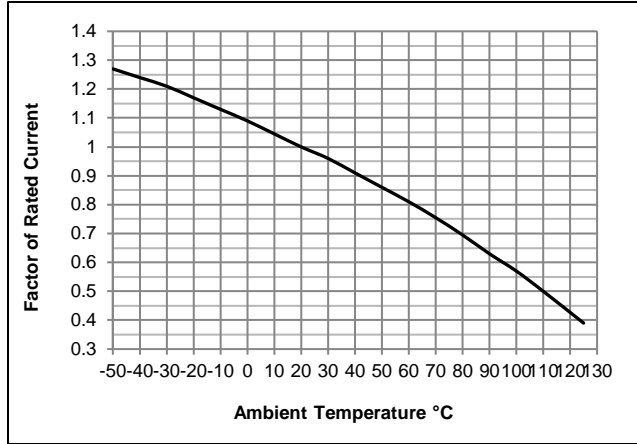
| | |
|-----------|--|
| Materials | Body : Ceramic |
| | Terminals : Tin Plated Copper |
| Marking | On Fuse : |
| | "bel", "0ALB", |
| | "Current Rating", "Voltage Rating", "Interrupting Rating" |
| | On Label : |
| | "bel", "0ALBX", "Current Rating", "Voltage Rating", "Interrupting Rating", "Appropriate Safety Logos" and "  , "  "(China RoHS compliant). |

Ratings

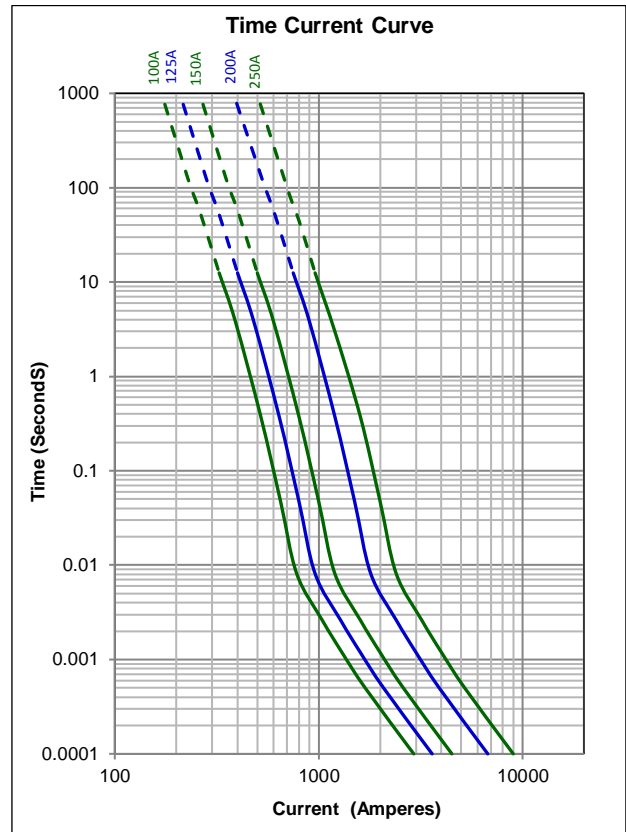
| Ampere Rating / Voltage Rating | Ampere Range / Volt @ I.R. ability* |
|---|-------------------------------------|
| 100A-250A / 800V DC | 100A-250A / 800V @ 50kA DC |
| *I.R.= Interrupting Rating = Short Circuit Rating(Amps) | |

Temperature Derating Curve

Operating Temperature: -40°C to +125°C, with proper derating factor applied.



Average Time Current Curve



Electrical Specifications

| Part Number | Ampere Rating | Voltage and Interrupting Ratings | Power Loss (W) |
|--------------|---------------|--|----------------|
| 0ALBXK100-XX | 100A | See Table of Ratings on Page 1 for Voltage and associated Interrupting Ratings | 21 |
| 0ALBXK125-XX | 125A | | 23 |
| 0ALBXK150-XX | 150A | | 25 |
| 0ALBXK200-XX | 200A | | 30 |
| 0ALBXK250-XX | 250A | | 37 |

Consult manufacturer for other ratings



Specifications subject to change without notice

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Jersey City, NJ 07302 USA

+1 201.432.0463
Bel.US.CS@belf.com
belfuse.com/circuit-protection

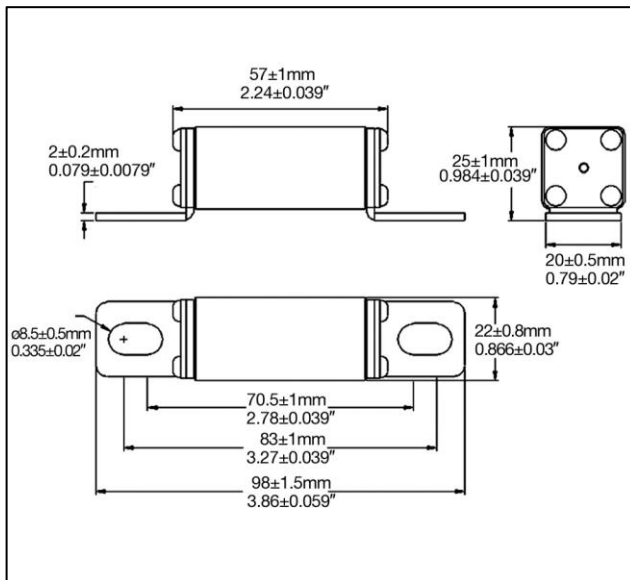
Fuse FGNO Explanation

0ALB X [XXXX] -XX

0ALBB=0ALBB; [XXXX]=Ampere Rating; XX=See Ordering Information as below

| Amps | Bel FGNO[XXXX] |
|------|----------------|
| 100 | K100 |
| 125 | K125 |
| 150 | K150 |
| 200 | K200 |
| 250 | K250 |

Mechanical Dimensions



Ordering Information

0ALB B XXXX - B B

FUSE TYPE _____
0ALB

MOUNTING TAB STYLE _____
B = For Stud Mount, Bottom blade

AMPERE RATING _____
Refer to fuse FGNO explanation table

MOUNTING TAB CODE _____
B = Bulk

QUANTITY CODE _____
B = 10pcs/Carton, 18 cartons/Box (180pcs per Box)

Packaging

| Packaging Option | Quantity | Packaging Code |
|------------------|--|----------------|
| BULK | 10pcs/carton, 18cartons/box (180pcs per box) | BB |

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