

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number: 0ALLBK300-EA
Manufacturer: Bel Fuse Inc.
Package: Rectangular, Blade
Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/bel-fuse-inc/0allbk300-ea.html>

Request a Quote:

[Submit RFQ for this part](#)



Scan for product page

Contact Information

Email: info@antrexco.com

WhatsApp: +86-186-8066-5326

Website: <https://antrexco.com>

Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

Type 0ALL

1500VDC, Fast Acting Fuse for Li Battery Protection

0ALL Series

RoHS Compliant

Description

Fast Acting fuse for Li Battery Protection

Features

- 1500Vdc ideal for Li Battery Protection
- Excellent DC performance
- Full compliance with EU Directive 2011/65/EU and amending directive 2015/863

Applications

Li Battery Protection



Physical Specifications

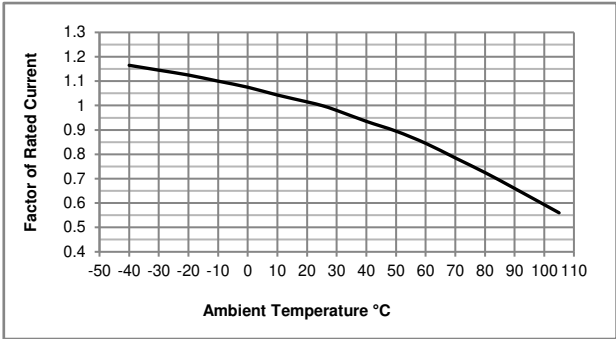
Materials	Body : Ceramic
	Terminals : Tin Plated Copper
Marking	On Fuse :
	For 200-300A: "bel", "0ALL", "Current Rating", "Interrupting Rating", "Voltage Rating", "Appropriate Safety Logos", "aR"
	For 315A: "bel", "0ALL", "Current Rating", "Interrupting Rating", "Voltage Rating"
	On Label :
	"bel", "0ALLX", "Current Rating", "Voltage Rating", "Interrupting Rating", "Appropriate Safety Logos" and "RoHS", "CE" (China RoHS compliant).

Safety Agency Approvals

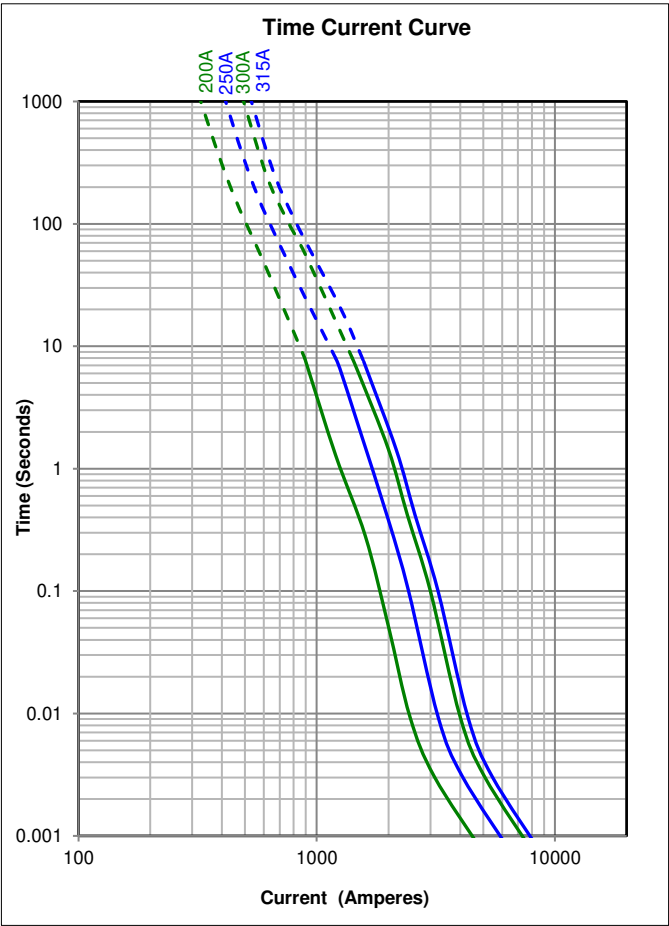
Safety Agency	Ampere Rating / Voltage Rating	Ampere Range / Volt @ I.R. ability*
cULus E491441	200A-300A / 1500V DC	200A-300A / 1500V @ 30kA DC
	200A-300A / 1500V DC	200A-300A / 1500V @ 50kA DC**
	200A-300A / 1500V DC	200A-300A / 1500V @ 150kA DC**
	315A / 1500V DC	315A / 1500V @ 50kA DC**
	315A / 1500V DC	315A / 1500V @ 150kA DC**
*I.R.= Interrupting Rating = Short Circuit Rating (Amps) **Breaking Capacity 1500Vdc/150kA is self-certified All DC Breaking Capacity test with L/R=1-3ms		

Temperature Derating Curve

Operating Temperature: -40°C to +105°C,
with proper derating factor applied



Average Time Current Curve



Electrical Specifications

Part Number	Ampere Rating	Voltage and Interrupting Ratings	Typical Pre-Arcing I ² t (A ² Sec)	Clearing I ² t (A ² Sec)	Power loss (W)
0ALLBK200-xx	200A	See Table of Ratings on Page 1 for Voltage and associated Interrupting Ratings	13480	54200	59
0ALLBK250-xx	250A		23000	93100	70
0ALLBK300-xx	300A		35600	143000	85
0ALLBK315-xx	315A		41500	168000	89

Consult manufacturer for other ratings

Temperature Rise : <50K with 50% of rated current

Type 0ALL

3 / 3

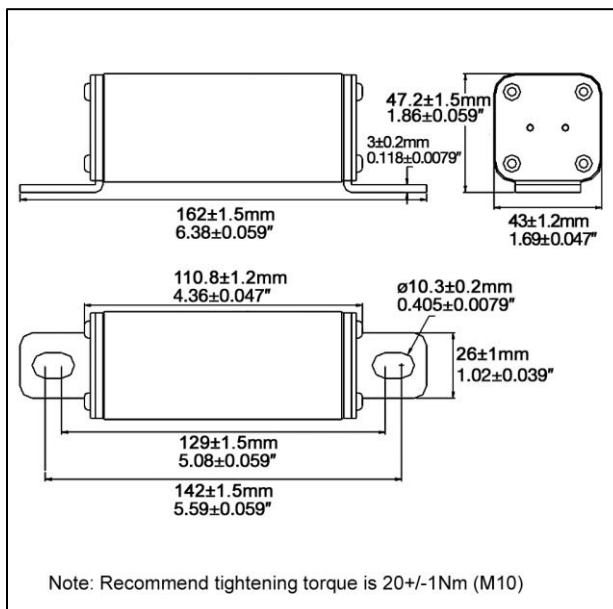
Fuse FGNO Explanation

0ALL X [XXXX] - XX

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

Amps	Bel FGNO[XXXX]
200	K200
250	K250
300	K300
315	K315

Mechanical Dimensions



Ordering Information

0ALL X XXXX - XX

FUSE TYPE _____
0ALL

Mounting Tab Style _____
B = For Stud Mount, Bottom blade

AMPERE RATING _____
Refer to fuse FGNO explanation table

PACKAGING CODE _____
E = EPE, Pearl cotton pack

QUANTITY CODE _____
A = 5pcs/EPE, 2EPE/Box (10pcs per Box)

Packaging

Packaging Option	Quantity	Packaging Code
EPE, Pearl cotton pack	5pcs/EPE, 2EPE/Box (10pcs per Box)	EA