

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number: 0ALGBK600-EA
Manufacturer: Bel Fuse Inc.
Package: Rectangular, Blade
Availability: Please confirm with sales

Product Page:

<https://antrexco.com/product/details/bel-fuse-inc/0algbk600-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 0ALG

1000VDC, Fast Acting Fuse for EV/HEV

0ALG Series

RoHS Compliant

Description

1000Vdc ideal for EV or HEV application

Features

- Excellent DC performance
- Full compliance with EU Directive 2011/65/EU and amending directive 2015/863

Applications

EV or HEV application



UK
CA CE

Physical Specifications

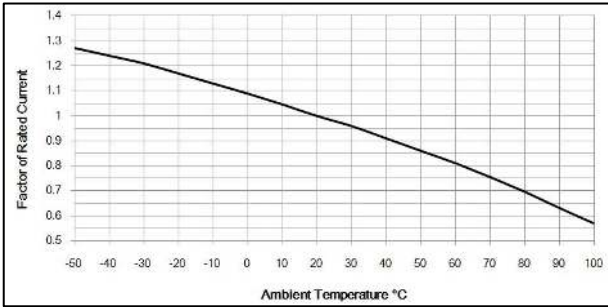
Materials	Body : Ceramic
	Cover: Stainless steel
	Terminals : Tin Plated Copper (For stud Mount type)
Marking	On Fuse :
	"bel"
	"0ALG", "Current Rating", "Voltage Rating"
	On Label :
	"bel", "0ALGX", "Current Rating", "Voltage Rating", "Interrupting Rating", and "  , "  " (China RoHS compliant).

Ratings

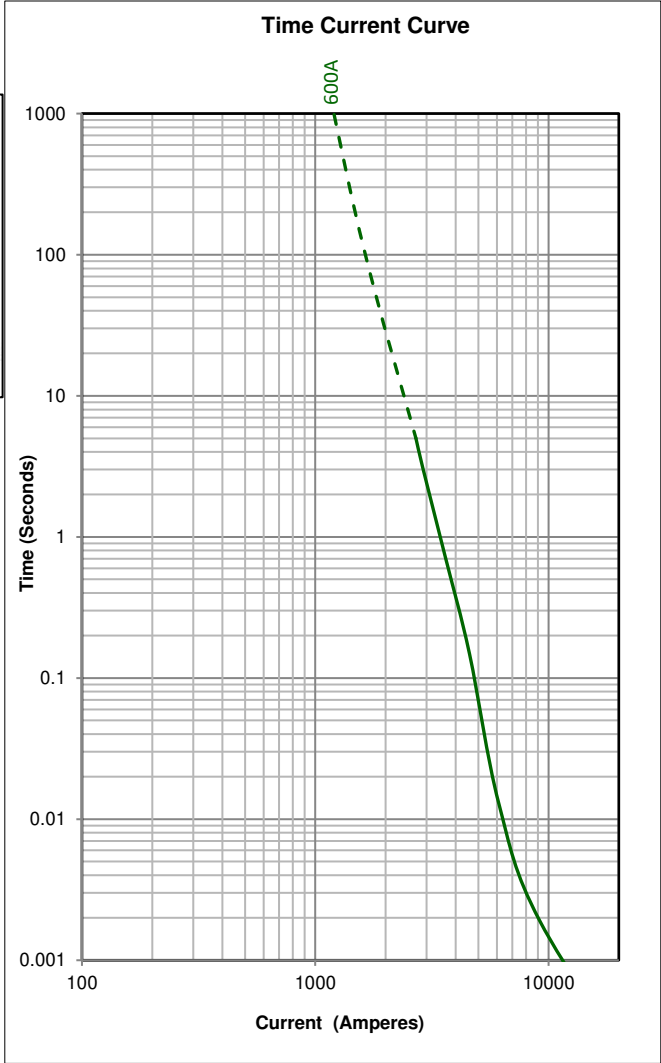
Ampere Rating / Voltage Rating	Ampere Range / Volt @ I.R. ability*
600A / 1000V DC	600A / 1000V @ 50kA DC
*I.R.= Interrupting Rating = Short Circuit Rating (Amps)	

Temperature Derating Curve

Operating Temperature: -40°C to +100°C,
with proper derating factor applied



Average Time Current Curve



Electrical Specifications

Part Number	Ampere Rating	Voltage and Interrupting Ratings	0.5In Power loss (W)	I²t (A²sec) @1000Vdc 50kA	
				Pre-arcing	Total
0ALGBK600-xx	600A	See Table of Ratings on Page 1 for Voltage and associated Interrupting Ratings	19.5	85000	400000

Consult manufacturer for other ratings

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

Type 0ALG

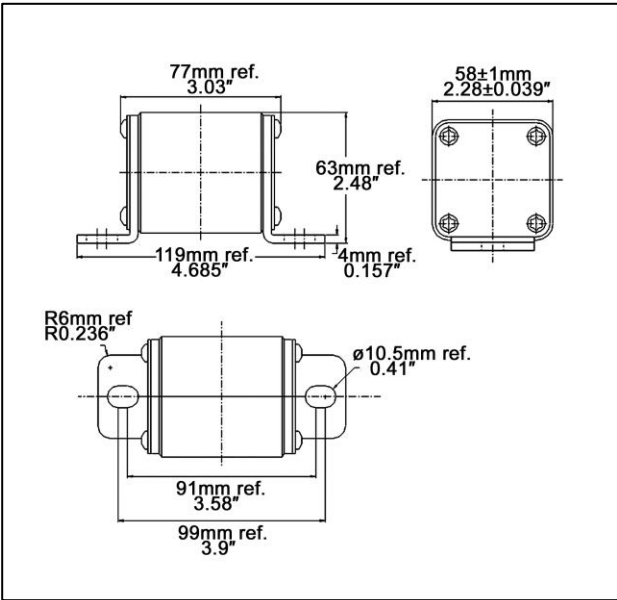
Fuse FGNO Explanation

0ALG X [XXXX] - XX

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

Amps	Bel FGNO[XXXX]
600	K600

Mechanical Dimensions



Ordering Information

0ALG X XXXX - XX

FUSE TYPE _____
0ALG

Mounting Tab Style _____
B=For Stand Mount

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