

ANTREX Electronics

Electronic Components Sourcing Information

Product Reference Information

Part Number:	0ALFBK800-BA
Manufacturer:	Bel Fuse Inc.
Package:	Rectangular, Blade
Availability:	Please confirm with sales

Product Page:

<https://antrexco.com/product/details/bel-fuse-inc/0alfbk800-ba.html>

Request a Quote:

[Submit RFQ for this part](#)



Scan for product page

Contact Information

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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 0ALF Fast-Acting Fuse Series

0ALF Series

RoHS Compliant

Description

800VDC rated Square Body fuse, designed for EV/HV

Features

- 800Vdc ideal for EV/HV application
- Excellent DC performance
- Full compliance with EU Directive 2011/65/EU and amending directive 2015/863

Applications

EV/HV Applications



UK
CA CE

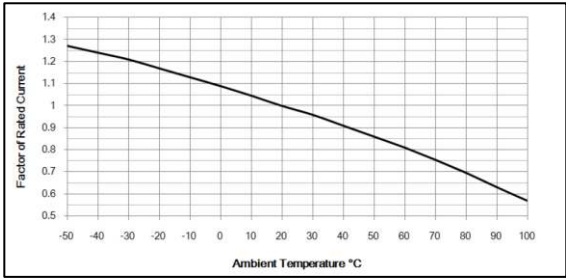
Physical Specifications

Materials	Body : Ceramic
	Terminals : Tin Plated Copper
Marking	On Fuse :
	"bel", "0ALF", "Current Rating",
	"Interrupting Rating", "Voltage Rating"
	On Label :
	"bel", "0ALFX", "Current Rating", "Voltage Rating", "Interrupting Rating", and "RoHS" (China RoHS compliant).

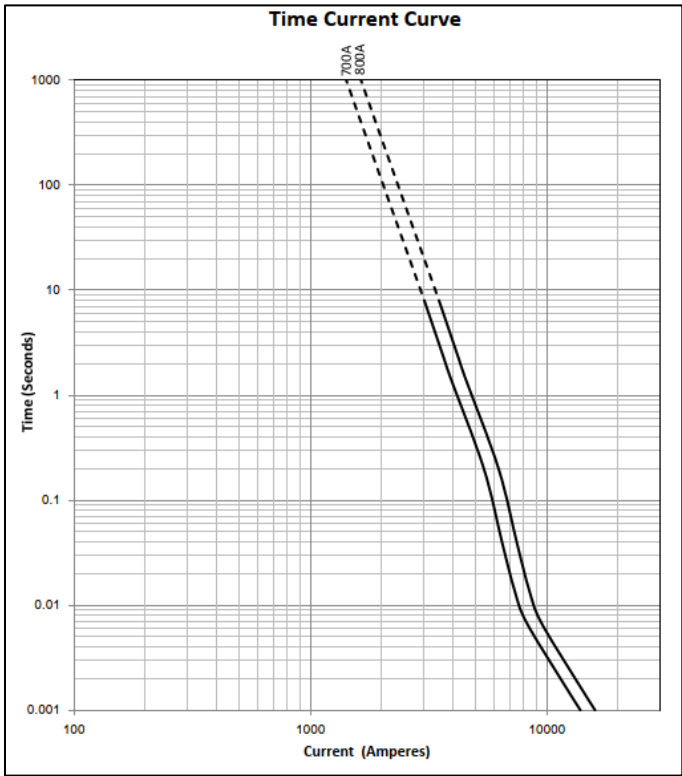
Ratings

Ampere Rating / Voltage Rating	Ampere Range / Volt @ I.R. ability*
700A - 800A / 800V DC	700A – 800A / 800V @ 50kA DC
*I.R.= Interrupting Rating = Short Circuit Rating(Amps)	

Temperature Re-Rating Curve



Average Time Current Curve



Electrical Specifications

Part Number	Ampere Rating	Voltage and Interrupting Ratings	Pre-arcing I ² t (A ² sec)	Total I ² t (A ² sec)	0.5In Power loss(W)	1.0In Power loss(W)
0ALFxK700-xx	700A	See Table of Ratings on Page 1 for Voltage and associated Interrupting Ratings	106280	611000	<22	126
0ALFxK800-xx	800A		141500	820000	<28	135

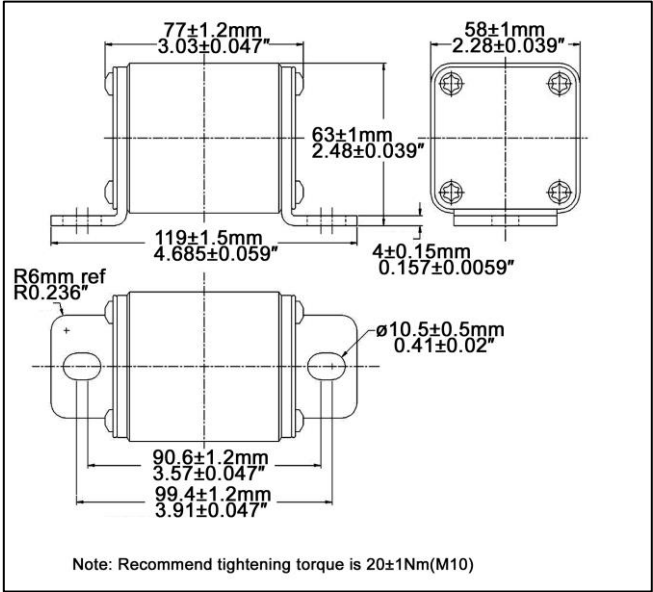
Consult manufacturer for other ratings
*Temperature Rise: <50K with 50% of rated current

Type 0ALF

Fuse FGNO Explanation
0ALF X [XXXX] -XX
0ALFB=0ALFB; [XXXX]=Ampere Rating; XX=See Ordering Information as below

Amps	Bel FGNO[XXXX]
700A	K700
800A	K800

Mechanical Dimensions



Ordering Information

0ALF B XXXX - B A

FUSE TYPE _____
0ALF

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

AMPERE RATING _____
Refer to fuse FGNO explanation table

MOUNTING TAB CODE _____
B = Bulk

QUANTITY CODE _____
A = 10pcs/Carton

Packaging

Packaging Option	Quantity	Packaging Code
Bulk	10pcs/carton	BA