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



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).

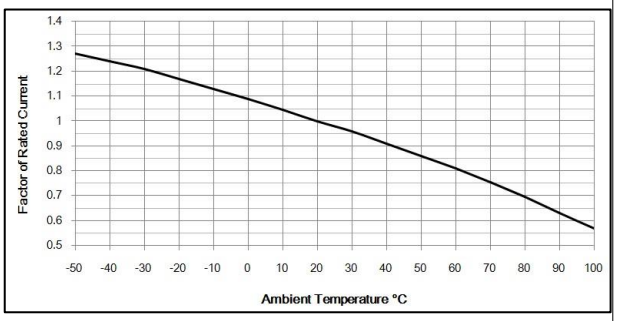
Ratings

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)	

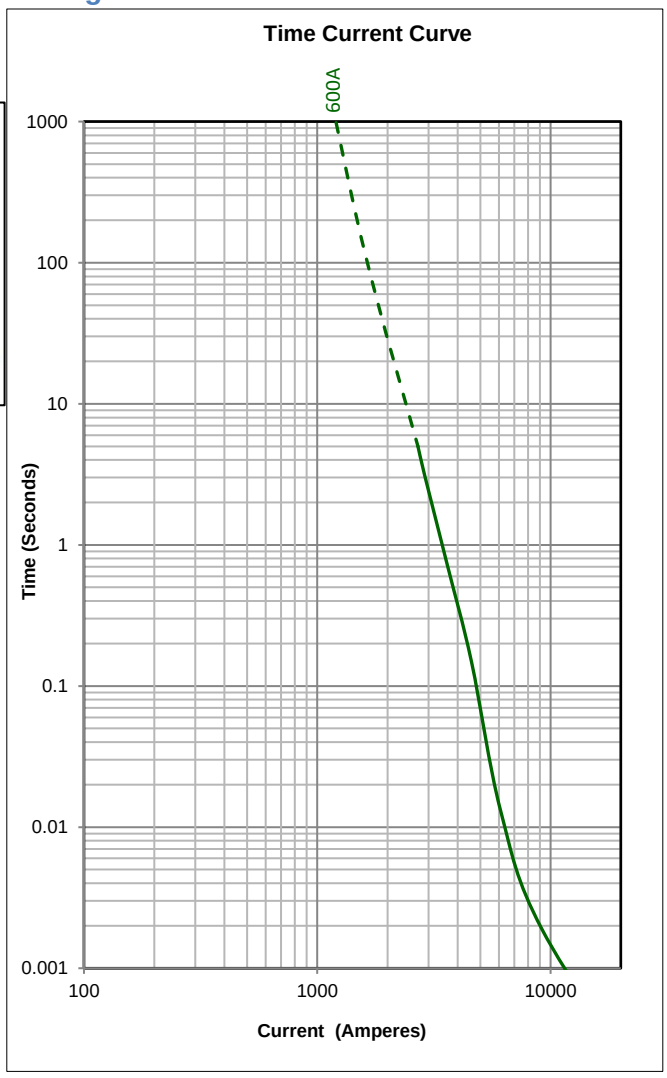
Temperature Rerating Curve

Operating Temperature: -40°C to +100°C,

with proper rerating 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

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West Orange, NJ 07052 USA

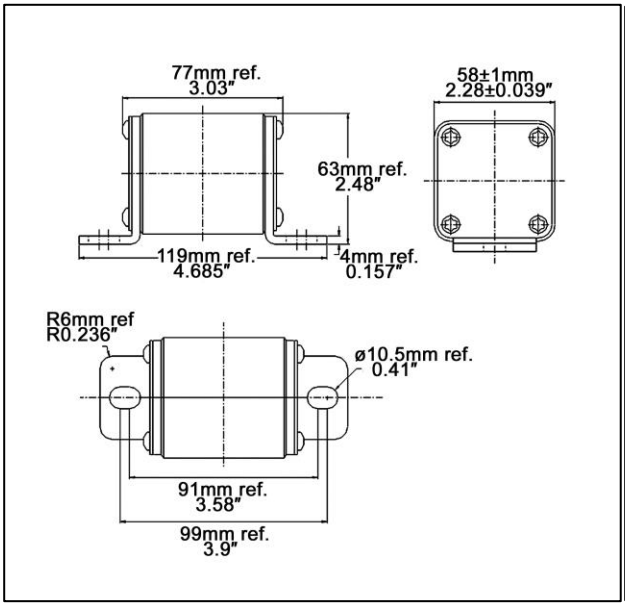
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Please read our datasheet & drawing disclaimer here.

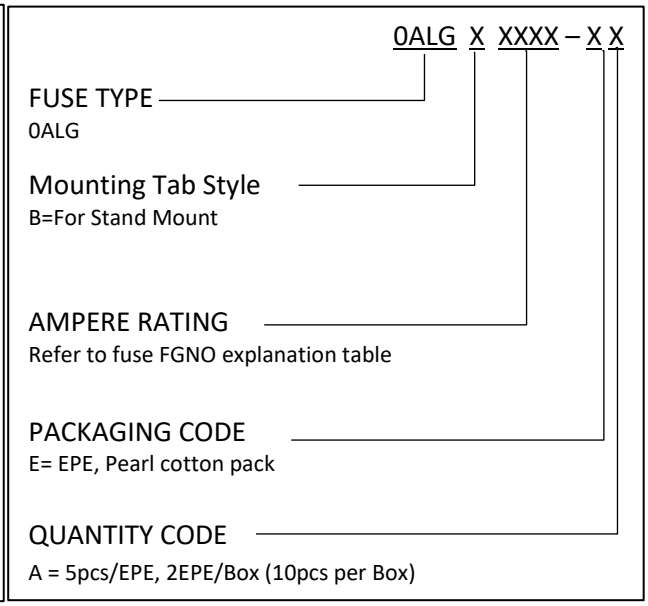
Fuse FGNO Explanation
0ALG X [XXXX] - XX
0ALGB=0ALGB; [XXXX]=Ampere Rating; XX=See Ordering Information as below

Amps	Bel FGNO[XXXX]
600	K600

Mechanical Dimensions



Ordering Information



Packaging

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

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