

Type 0AAL

High DC Voltage Fuse Series

0AAL Series

RoHS Compliant

Description

The 0AAL fuse is designed for EV or HEV application.

Features



- 500Vdc ideal for EV or HEV application
- Excellent DC performance
- Full compliance with EU Directive 2011/65/EU and amending directive 2015/863
- Stud mount

Applications

EV or HEV application



Physical Specifications

Materials	Body : Ceramic
	Cap : Tin Plated Brass Caps
	Terminals : Tin plated Copper
Marking	On Fuse :
	"bel"
	"0AAL", "Current Rating", "Voltage Rating", "Interrupting Rating"
	On Label :
	"bel", "0AALx", "Current Rating", "Voltage Rating", "Interrupting Rating", and "  ", "  "(China RoHS compliant).

Electrical Characteristics

Testing Current	Operating	
	Minimum	Maximum
100%	4 Hrs.	N/A
200%	1 Sec	300 Sec
300%	0.2 Sec	30 Sec
500%	0.1 Sec	10 Sec

Safety Agency Approvals

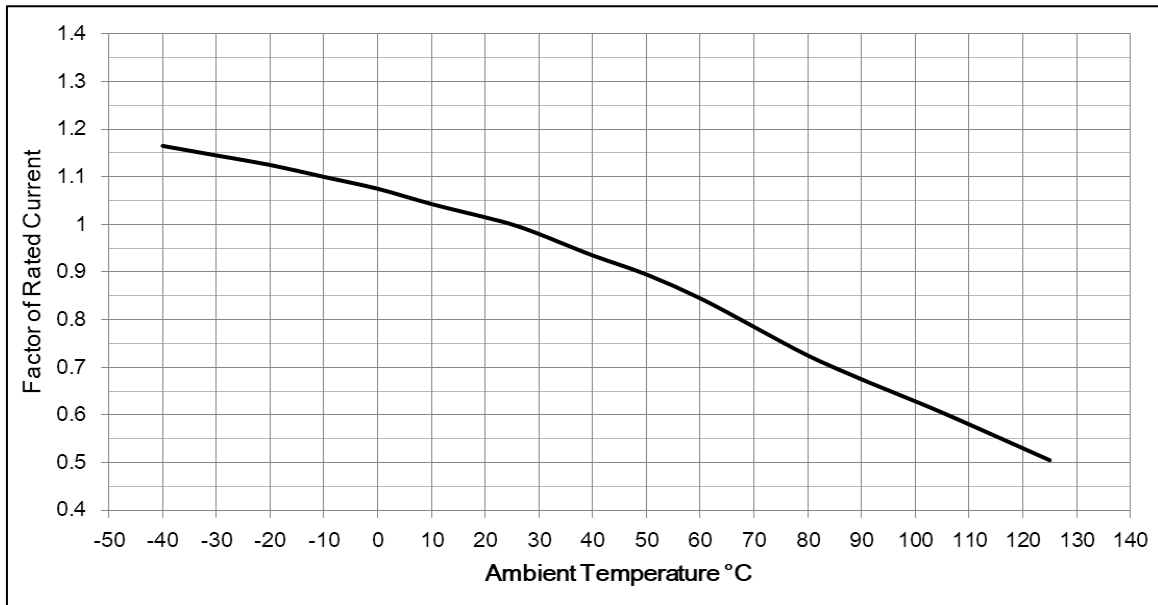
Ampere Rating / Voltage Rating	Ampere Range / Volt @ I.R. ability*
200A-400A / 500V DC	200A-400A/ 500V @ 20kA DC
*I.R.= Interrupting Rating = Short Circuit Rating(Amps)	

Electrical Specifications

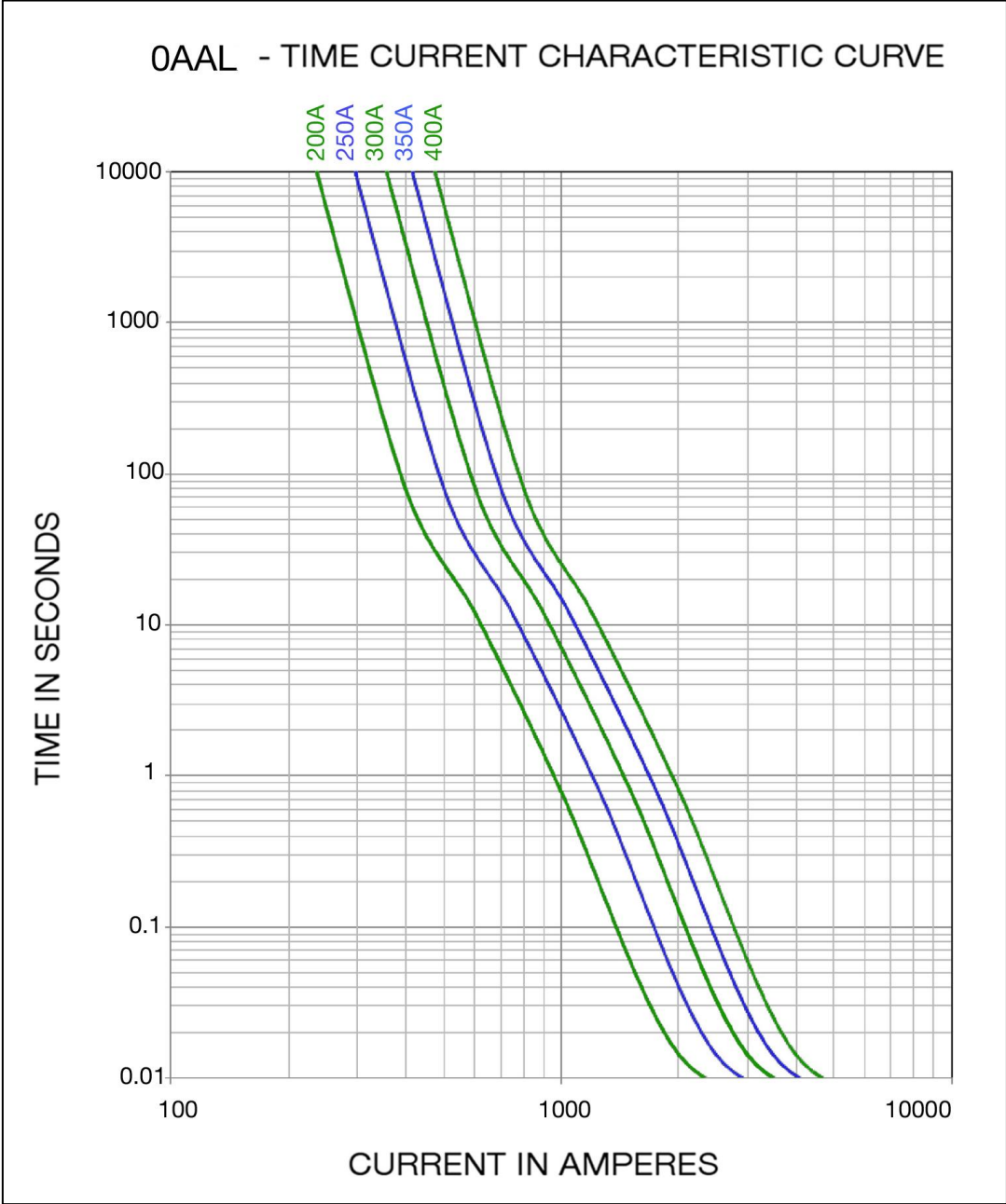
Part Number	Ampere Rating	Voltage and Interrupting Ratings	Power Loss @1.0In (W)
0AALAK200-XX	200A	See Table of Ratings on Page 1 for Voltage and associated Interrupting Ratings	<36
0AALBK200-XX			
0AALAK250-XX	250A		<41
0AALBK250-XX			
0AALAK300-XX	300A		<45
0AALBK300-XX			
0AALAK350-XX	350A		<50
0AALBK350-XX			
0AALAK400-XX	400A		<53
0AALBK400-XX			

Consult manufacturer for other ratings

Temperature Re-Rating Curve



Average Time Current Curve



Specifications subject to change without notice

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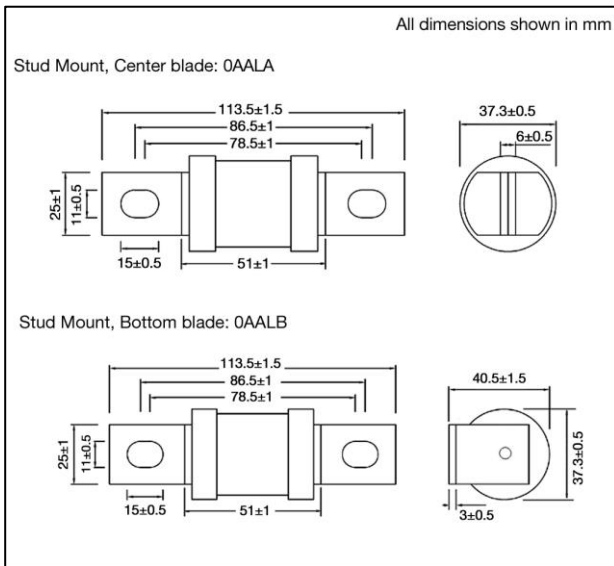
Fuse FGNO Explanation

0AAL X [XXXX] - XX

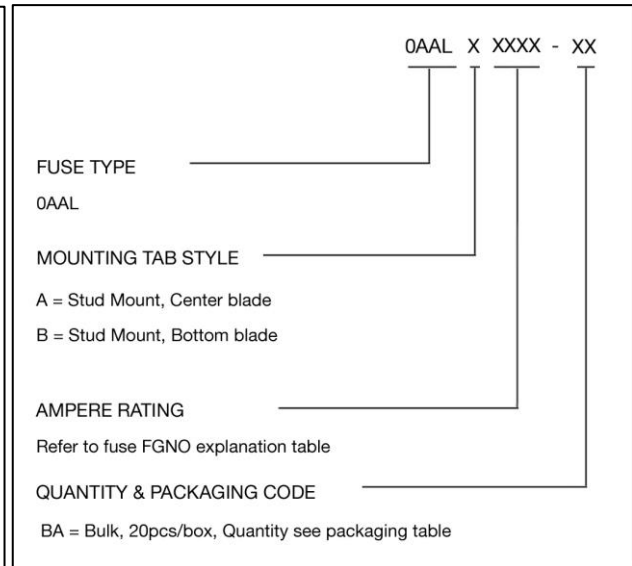
0AALA/B=0AALA/B; [XXXX]=Ampere Rating; XX=See Ordering Information as below

Amps	Bel FGNO[XXXX]
200	K200
250	K250
300	K300
350	K350
400	K400

Mechanical Dimensions



Ordering Information



Packaging

Packaging Option	Quantity	Packaging Code
Bulk (Center and bottom blade mounting)	20pcs/box	BA

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Bel:

[0AALBK400-BA](#) [0AALBK300-BA](#)