

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 "  ", "  " (China RoHS compliant).

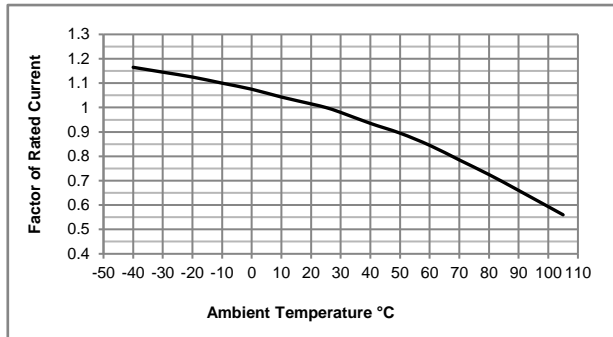
Safety Agency Approvals

Safety Agency	Ampere Rating / Voltage Rating	Ampere Range / Volt @ I.R. ability*
 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**

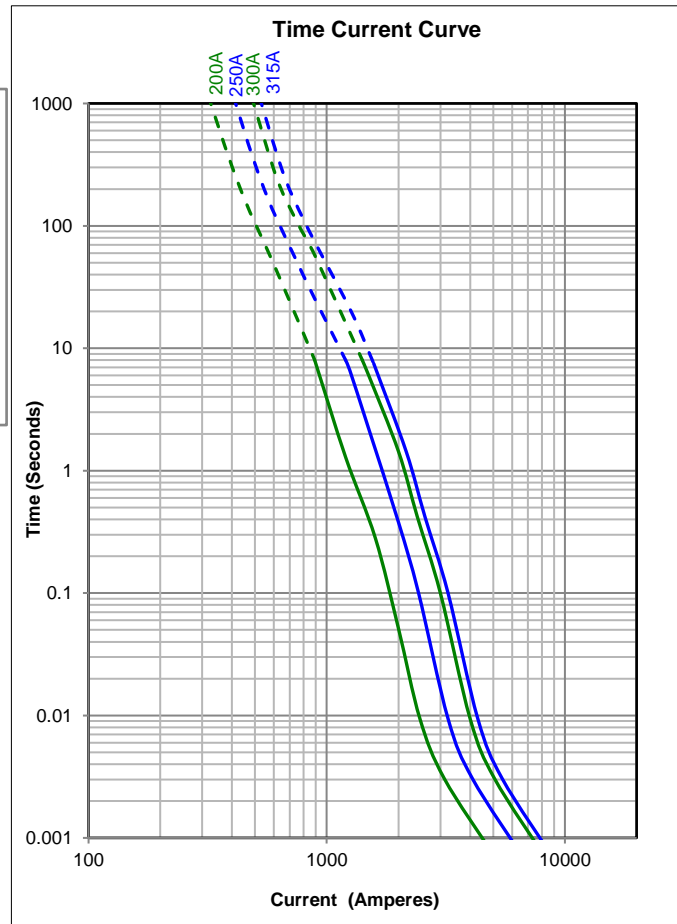
*I.R.= Interrupting Rating = Short Circuit Rating (Amps)
 **Breaking Capacity 1500Vdc/150kA is self-certified
 All DC Breaking Capacity test with L/R=1-3ms

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



Specifications subject to change without notice

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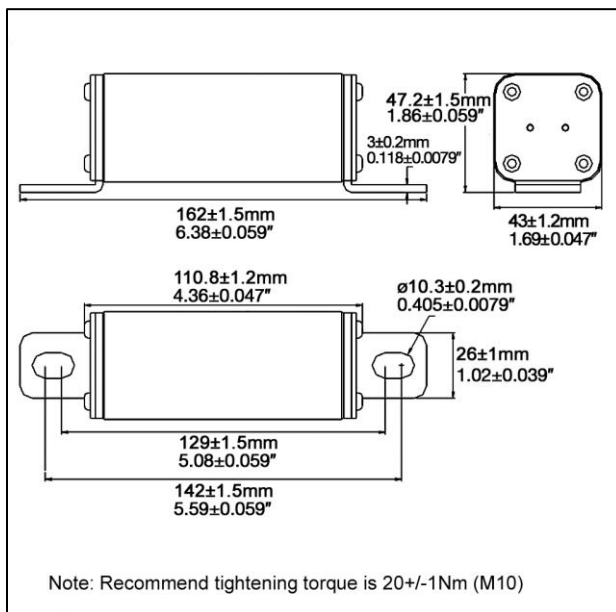
Fuse FGNO Explanation

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