

# 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

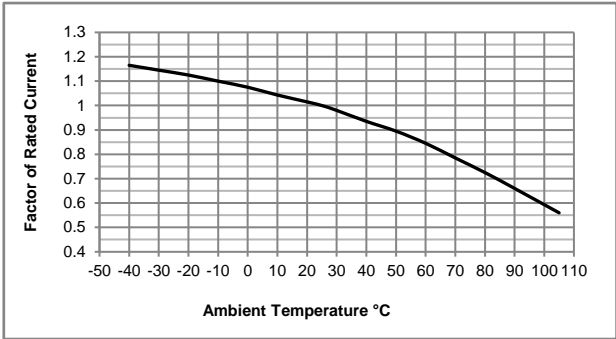
Materials	Body : Ceramic
	Terminals : Tin Plated Copper
Marking	On Fuse :
	For 200-300A: "bel", "0ALL", "Current Rating", "Interrupting Rating", "Voltage Rating", "Appropriate Safety Logos", "aR"
	For 315A: "bel", "0ALL", "Current Rating", "Interrupting Rating", "Voltage Rating"
	On Label :
	"bel", "0ALLX", "Current Rating", "Voltage Rating", "Interrupting Rating", "Appropriate Safety Logos" and "RoHS", "CE" (China RoHS compliant).

### Safety Agency Approvals

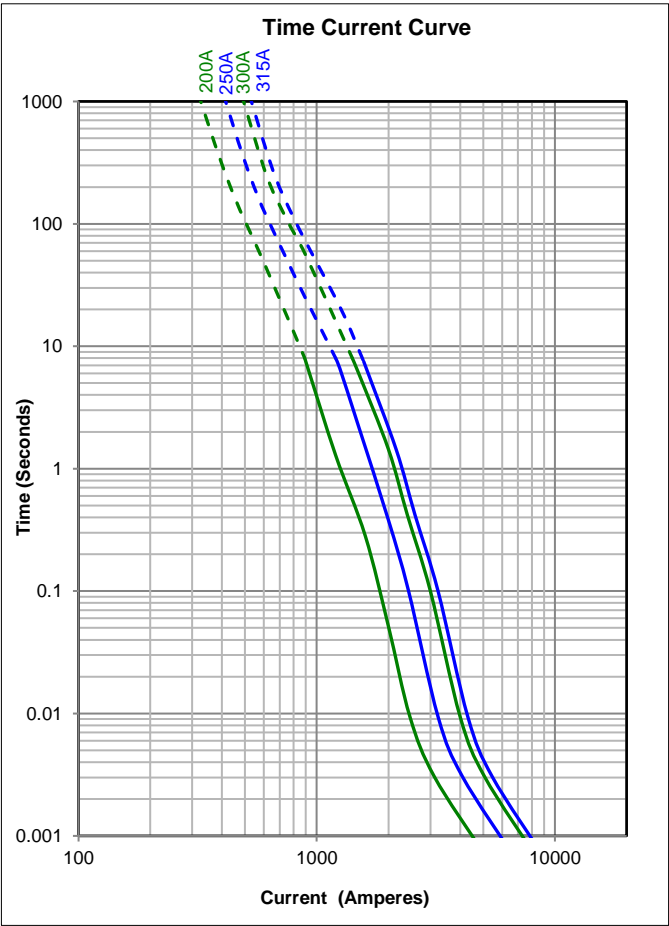
Safety Agency	Ampere Rating / Voltage Rating	Ampere Range / Volt @ I.R. ability*
cULus E491441	200A-300A / 1500V DC	200A-300A / 1500V @ 30kA DC
	200A-300A / 1500V DC	200A-300A / 1500V @ 50kA DC**
	200A-300A / 1500V DC	200A-300A / 1500V @ 150kA DC**
	315A / 1500V DC	315A / 1500V @ 50kA DC**
	315A / 1500V 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 $I^2t$ (A <sup>2</sup> Sec)	Clearing $I^2t$ (A <sup>2</sup> 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

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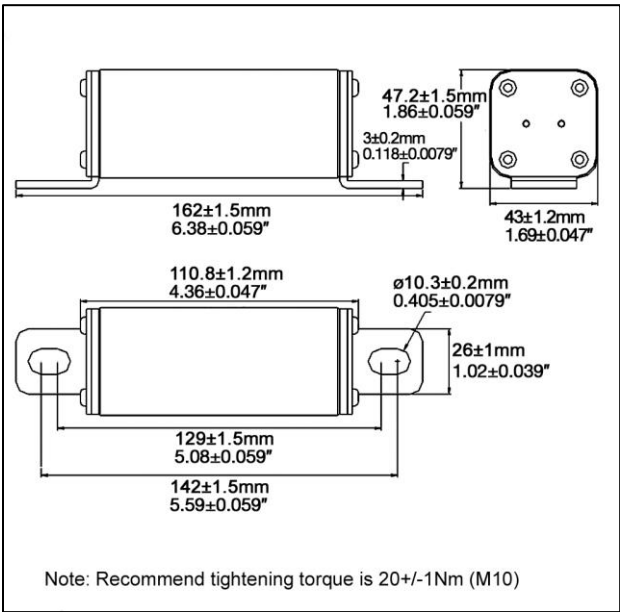
## Fuse FGNO Explanation

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

**FUSE TYPE** \_\_\_\_\_

**Mounting Tab Style** \_\_\_\_\_

**AMPERE RATING** \_\_\_\_\_

**PACKAGING CODE** \_\_\_\_\_

**QUANTITY CODE** \_\_\_\_\_

## Packaging

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

# Mouser Electronics

Authorized Distributor

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Bel:

[0ALLBK300-EA](#) [0ALLBK250-EA](#) [0ALLBK200-EA](#) [0ALLBK315-EA](#)