

Type 0AKH Fast-Acting Fuse Series

0AKH Series

RoHS Compliant

Description

1000VDC rated Square Body fuse, designed for EV/ESS



Features

- 1000Vdc ideal for EV or HEV application
- Excellent DC performance
- Full compliance with EU Directive 2011/65/EU and amending directive 2015/863

Applications

EV/HEV/ESS Applications

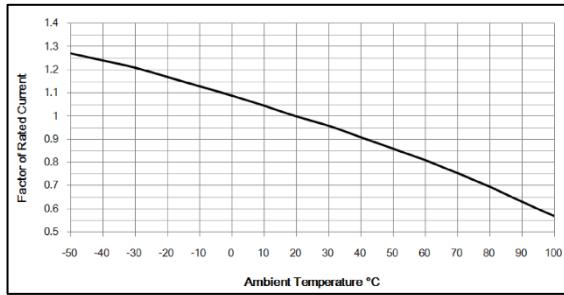
Physical Specifications

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

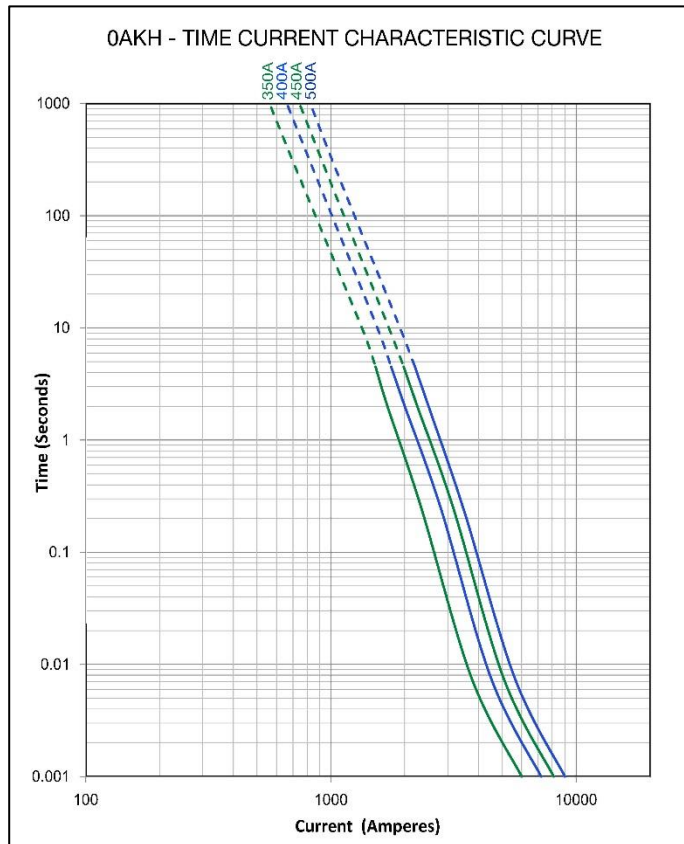
Ratings

Ampere Rating / Voltage Rating	Ampere Range / Volt @ I.R. ability*
350A - 500A / 1000V DC	350A – 500A / 1000V @ 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	0.5In Power loss (W)
0AKHxK350-xx	350A	See Table of Ratings on Page 1 for Voltage and associated Interrupting Ratings	<14.5
0AKHxK400-xx	400A		<17
0AKHxK450-xx	450A		<19.5
0AKHxK500-xx	500A		<21

Consult manufacturer for other ratings

*Temperature Rise: <50K with 50% of rated current

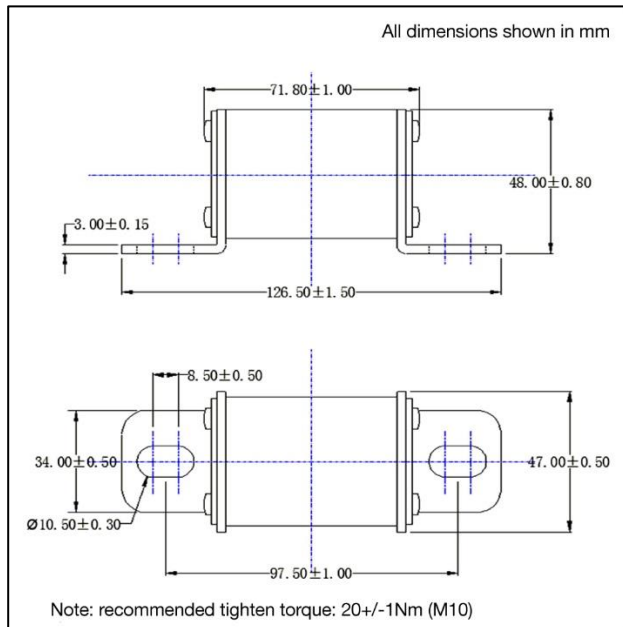
Fuse FGNO Explanation

0AKH X [XXXX] -XX

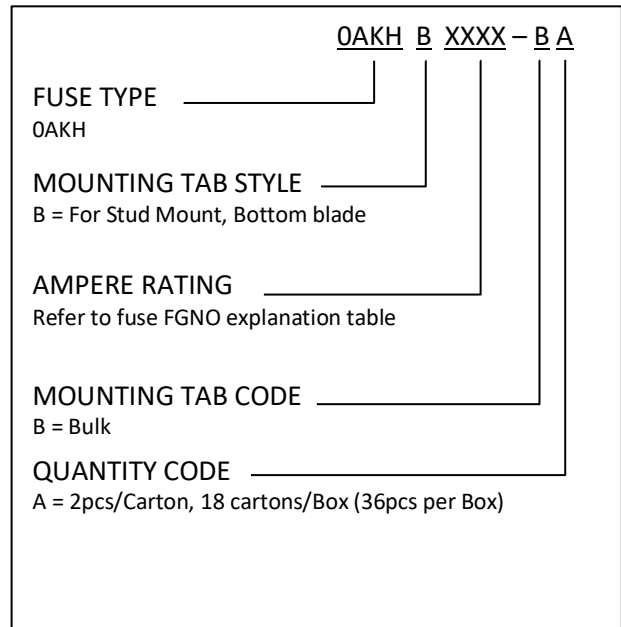
0AKHB=0AKHB; [XXXX]=Ampere Rating; XX=See Ordering Information as below

Amps	Bel FGNO[XXXX]
350	K350
400	K400
450	K450
500	K500

Mechanical Dimensions



Ordering Information



Packaging

Packaging Option	Quantity	Packaging Code
BULK	2pcs/carton, 18cartons/box (36pcs per box)	BA

Mouser Electronics

Authorized Distributor

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

Bel:

[0AKHBK400-BA](#) [0AKHBK350-BA](#) [0AKHBK450-BA](#) [0AKHBK500-BA](#)