

# ANTREX Electronics

## Electronic Components Sourcing Information

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### Product Reference Information

|                      |                           |
|----------------------|---------------------------|
| <b>Part Number:</b>  | 0AKHBK300-BA              |
| <b>Manufacturer:</b> | Bel Fuse Inc.             |
| <b>Package:</b>      | Rectangular, Blade        |
| <b>Availability:</b> | Please confirm with sales |

#### Product Page:

<https://antrexco.com/product/details/bel-fuse-inc/0akhbk300-ba.html>

#### Request a Quote:

[Submit RFQ for this part](#)



Scan for product page

### Contact Information

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### Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

#### Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

# 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



UK  
CA  
c  
UL  
us  
CE

## Physical Specifications

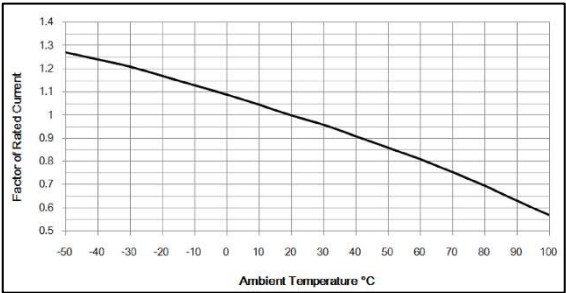
|           |                                                                                                                                                  |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Materials | Body : Ceramic                                                                                                                                   |
|           | Terminals : Tin Plated Copper                                                                                                                    |
| Marking   | On Fuse :                                                                                                                                        |
|           | "bel", "0AKH", "Current Rating",                                                                                                                 |
|           | "Interrupting Rating", "Voltage Rating", "Appropriate Safety Logos", "aR"                                                                        |
|           | On Label :                                                                                                                                       |
|           | "bel", "0AKHX", "Current Rating", "Voltage Rating", "Interrupting Rating",<br>"Appropriate Safety Logos" and "RoHS", "e" (China RoHS compliant). |

## Safety Agency Approvals

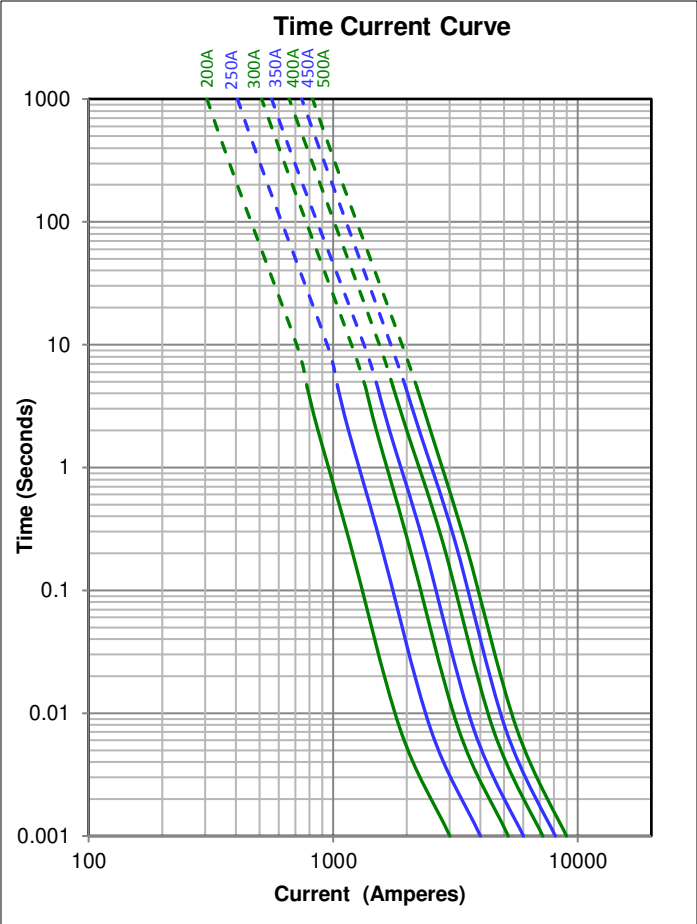
| Safety Agency | Safety Agency Certificate | Ampere Rating / Voltage Rating | Ampere Range / Volt @ I.R. ability* |
|---------------|---------------------------|--------------------------------|-------------------------------------|
| c<br>UL<br>us | E491441                   | 200A - 500A/1000V DC           | 200A – 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                                               | I²t (A²sec)    |                    | 0.5In Power loss (W) | Agency Approvals                                                                      |
|--------------|---------------|--------------------------------------------------------------------------------|----------------|--------------------|----------------------|---------------------------------------------------------------------------------------|
|              |               |                                                                                | Pre-arcing I²t | Total Clearing I²t |                      |  |
| 0AKHxK200-xx | 200A          | See Table of Ratings on Page 1 for Voltage and associated Interrupting Ratings | 5,300          | 26,800             | <7.9                 | Y                                                                                     |
| 0AKHxK250-xx | 250A          |                                                                                | 9,600          | 49,980             | <10.3                | Y                                                                                     |
| 0AKHxK300-xx | 300A          |                                                                                | 13,200         | 69,300             | <12.6                | Y                                                                                     |
| 0AKHxK350-xx | 350A          |                                                                                | 21,600         | 115,000            | <14.5                | Y                                                                                     |
| 0AKHxK400-xx | 400A          |                                                                                | 28,600         | 163,000            | <17                  | Y                                                                                     |
| 0AKHxK450-xx | 450A          |                                                                                | 38,200         | 223,000            | <19.5                | Y                                                                                     |
| 0AKHxK500-xx | 500A          |                                                                                | 49,600         | 294,000            | <21                  | Y                                                                                     |

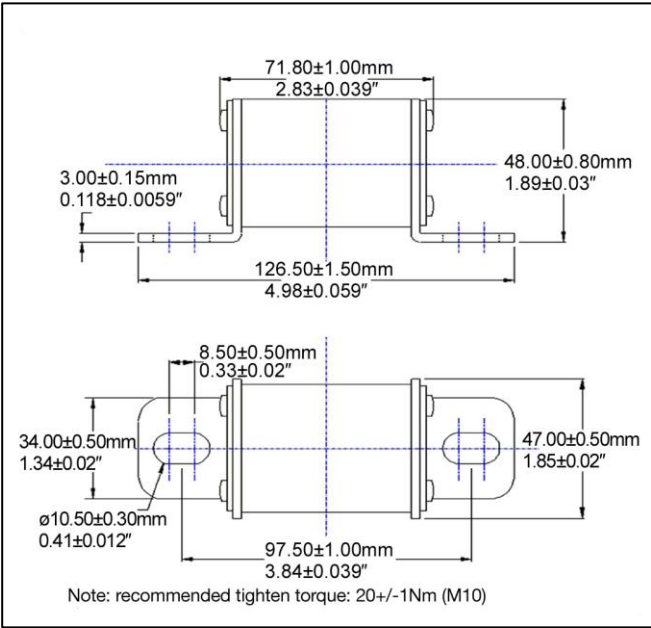
Consult manufacturer for other ratings  
\*Temperature Rise: <50K with 50% of rated current

# Type 0AKH

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

| Amps | Bel FGNO[XXXX] |
|------|----------------|
| 200  | K200           |
| 250  | K250           |
| 300  | K300           |
| 350  | K350           |
| 400  | K400           |
| 450  | K450           |
| 500  | K500           |

## Mechanical Dimensions



## Ordering Information

**0AKH B XXXX - B A**

FUSE TYPE \_\_\_\_\_  
0AKH

MOUNTING TAB STYLE \_\_\_\_\_  
B = For Stud Mount, Bottom blade

AMPERE RATING \_\_\_\_\_  
Refer to fuse FGNO explanation table

MOUNTING TAB CODE \_\_\_\_\_  
B = Bulk

QUANTITY CODE \_\_\_\_\_  
A = 2pcs/Carton, 18 cartons/Box (36pcs per Box)

## Packaging

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