Type 0AKJ
Fast-Acting Fuse Series

0AKJ Series | RoHS Compliant

Description

Fast Acting Fuse for DC Application

Features

- Excellent DC performance
- Reliability performance design refer to ISO8820-8&GB/T31465.6
- Full compliance with EU Directive 2011/65/EU and amending directive 2015/863

Applications

EV Applications



Physical Specifications

Materials	Body : Ceramic
	Terminals : Tin Plated Copper
Marking	On Fuse :
	"bel","0AKJX","Current Rating", "Interrupting Rating"
	"Voltage Rating", "Appropriate Safety Logos", "aR"
	On Label :
	"bel", "0AKJX", "Current Rating", "Voltage Rating", "Interrupting Rating", "Appropriate Safety Logos" and " ", " "(China RoHS compliant).

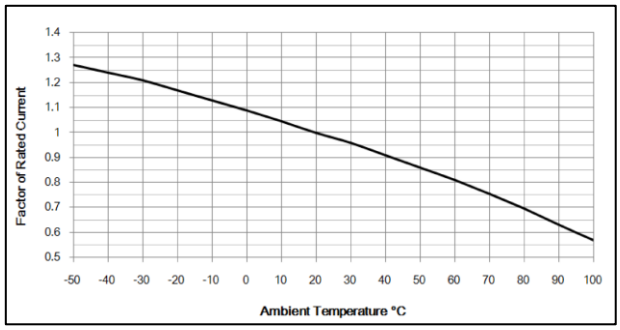
Safety Agency Approvals

Safety Agency	Safety Agency Certificate	Ampere Rating/ Voltage Rating	Ampere Range / Volt @ I.R. ability*
	E491441	150A-400A/800V DC	150A-400A/800V @ 20kA DC 150A-350A/800V @ 50kA DC** 400A/800V @ 20kA DC 400A/750V @ 50kA DC**
*I.R.= Interrupting Rating = Short Circuit Rating(Amps) **Self-certified for 50kA Breaking Capacity			

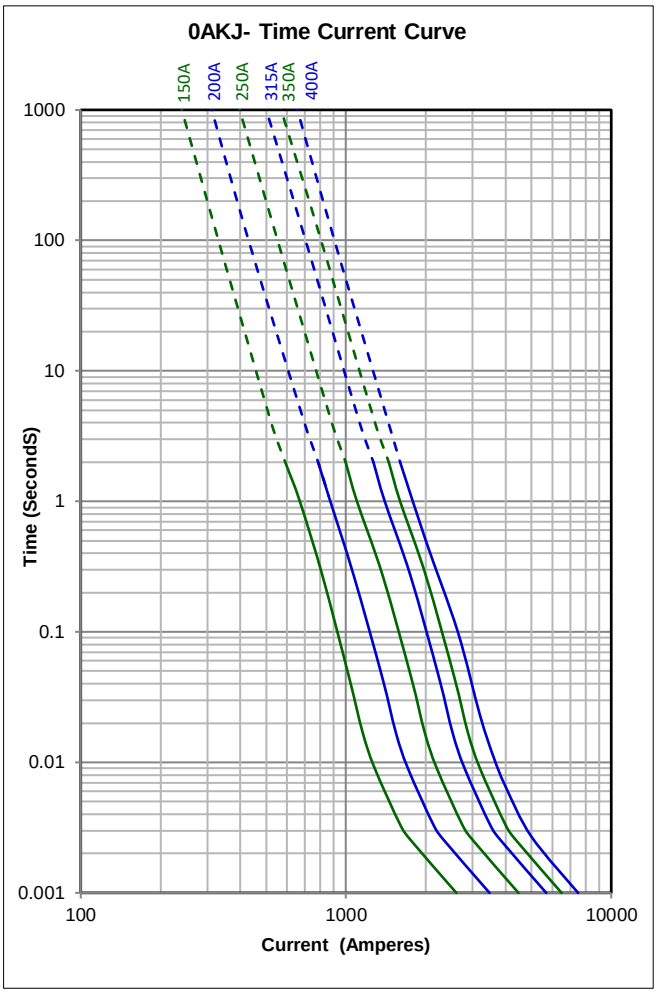
Temperature Re-Rating Curve

Operating Temperature: -40°C to +100°C,

with proper rerating factor applied



Average Time Current Curve



Electrical Specifications

Part Number	Ampere Rating	Voltage and Interrupting Ratings	Power loss (W)	I²t (A²sec)		Agency Approvals
				Pre-arcing	Total @ 800Vdc	c UL us
0AKJxK150Sxx	150A	See Table of Ratings on Page 1 for Voltage and associated Interrupting Ratings	32	2,100	11,550	Y
0AKJxK200Sxx	200A		40	4,100	23,300	Y
0AKJxK250Sxx	250A		48	8,900	50,700	Y
0AKJxK315Sxx	315A		60	12,500	73,000	Y
0AKJxK350Sxx	350A		65	18,500	115,000	Y
0AKJxK400Sxx	400A		72	26,500	172,000	Y

Consult manufacturer for other ratings

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

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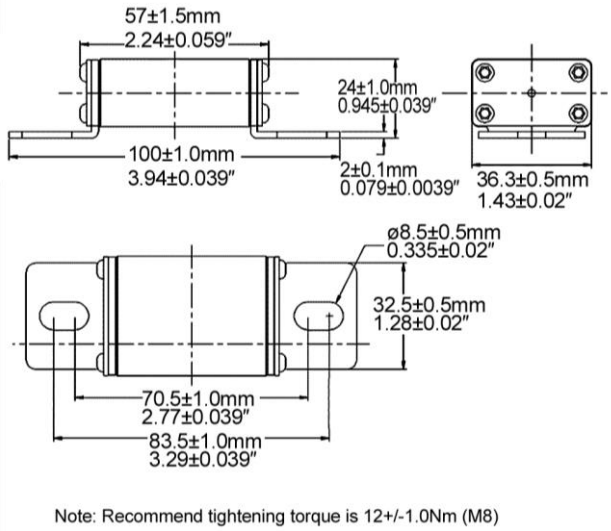
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Fuse FGNO Explanation
0AKJ X [XXXX] -XX
0AKJB=0AKJB; [XXXX]=Ampere Rating; XX=See Ordering Information as below

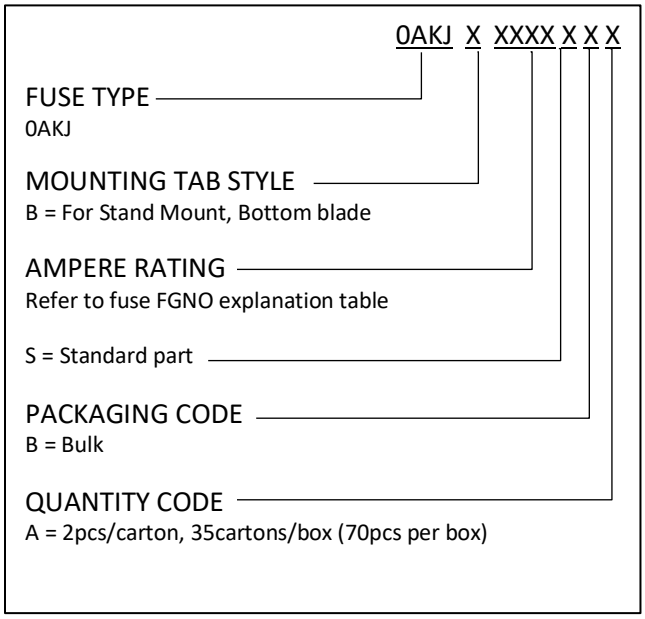
Amps	Bel FGNO[XXXX]
150	K150
200	K200
250	K250
315	K315
350	K350
400	K400

Mechanical Dimensions



Note: Recommend tightening torque is 12+/-1.0Nm (M8)

Ordering Information



Packaging

Packaging Option	Quantity	Packaging Code
Bulk	2pcs/carton, 35cartons/box (70pcs per box)	BA

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