

OAKM Series

RoHS Compliant

Description

500VDC rated ceramic tube fuse

Features

- Design to EV fuse standard UL248-20
- Reliability performance design refer to ISO8820-8&GB/T31465.6
- 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","0AKM"
	"Current Rating", "Voltage Rating"
	On Label :
	"bel", "0AKMX", "Current Rating", "Voltage Rating", "Interrupting Rating", and "

Ratings

Ampere Rating / Voltage Rating	Ampere Range / Volt @ I.R. ability*			
50A-80A / 500V DC	50A-80A / 500V @ 20kA DC			
420V AC	420V @ 6KA AC			
*I.R.= Interrupting Rating = Short Circuit Rating(Amps)				

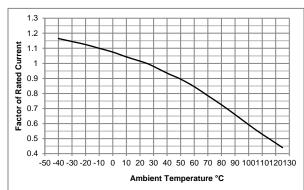


Specifications subject to change without notice

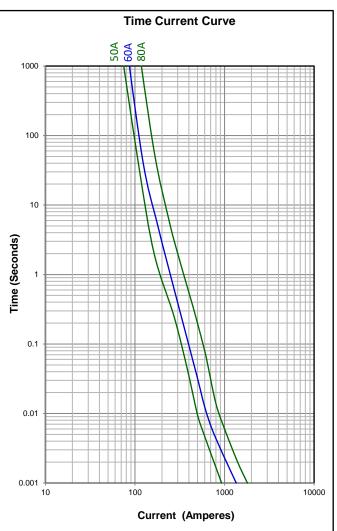
Type 0AKM

Temperature Rerating Curve

Operating Temperature: -40°C to +125°C, with proper rerating factor applied



Average Time Current Curve



Electrical Specifications

Part Number	Rated Current	Voltage and Interrupting Ratings	I²t * (A²sec)	Power Loss@0.5In (W)
			Pre-arcing	
0AKMx9500-xx	50A		1760	1.35
0AKMx9600-xx	60A	See Table of Ratings on Page 1 for Voltage and associated Interrupting Ratings	3960	1.70
0AKMx9800-xx	80A		8020	1.90

Consult manufacturer for other ratings * I²t is measured with 10ln.



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Type 0AKM

Fuse FGNO Explanation

0AKM X [XXXX] -XX 0AKMB=0AKMB; [XXXX]=Ampere Rating; XX=See Ordering Information as below

Amps	Bel FGNO[XXXX]
50A	9500
60A	9600
80A	9800

Mechanical Dimensions

Ordering Information

All dimensions shown in mm	
39.6±0.5	OAKM
14.7±0.2	MOUNTING TAB STYLE
0.8±0.05	B = For Stud Mount, Bottom blade
65±1	AMPERE RATING
+ 15±0.5	Refer to fuse FGNO explanation table
53±0.5	PACKAGING CODE
- 53±0.5	B = Bulk
Note: recommend tighten torque 4.5+/-1Nm	QUANTITY CODE D = 20pcs/inner box, 480pcs/shipping carton

Packaging

Packaging Option	Quantity	Packaging Code
Bulk	20pcs/inner box, 480pcs/shipping carton	BD



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