

JKS fast-acting Class J fuses, 70 to 600 A



Catalog symbol:

- JKS-

Description:

The Bussmann™ series advanced protection Limitron™ Class J fast-acting, current-limiting fuses are available in ratings from 70 to 600 amps. For JKS fuses rated up to 60 amps, see data sheet no. 1026.

Ratings

- Volts 600 Vac
- Amps 70-600 A
- IR 200 kA RMS Sym.

Agency information

- UL Listed, Std. 248-8, Class J, Guide JDDZ, File E4273
- CSA Certified, Class 1422-02, File 53787
- CE

Catalog no. (amps)		
JKS-70	JKS-150	JKS-350
JKS-80	JKS-175	JKS-400
JKS-90	JKS-200	JKS-450
JKS-100	JKS-225	JKS-500
JKS-110	JKS-250	JKS-600
JKS-125	JKS-300	

Carton quantity

- 70-100 A 5
- 110-600 A 1

Features

- Provides 10X better current limitation to help prevent equipment damage caused by short-circuit events.
- 200kA Interrupting rating complies with NEC® Section 110.9 for today's large capacity systems.
- Fast-acting fuse helps prevent equipment damage caused by short-circuit events.
- Ideal for critical industrial or commercial applications that have specific current limitation requirements.

Recommended blocks and holders

Fuse amps	1-pole	2-pole	3-pole
Modular open blocks			
70-100	JM60100-1_	JM60100-2_	JM60100-3_
110-200	JM60200-1_	JM60200-2_	JM60200-3_
225-400	JM60400-1_	JM60400-2_	JM60400-3_
450-600	JM60600-1_	JM60600-2_	JM60600-3_
Modular power distribution fuse blocks*			
70-100	JM60100-1MW_	JM60100-2MW_	JM60100-3MW_
110-200	JM60200-1MW_	JM60200-2MW_	JM60200-3MW_
225-400	JM60400-1MW_	JM60400-2MW_	JM60400-3MW_
450-600	JM60600-1MW_	JM60600-2MW_	JM60600-3MW_

* Combines fuse block and power distribution block into one assembly. Modular construction allows ganging blocks for the desired number of poles.

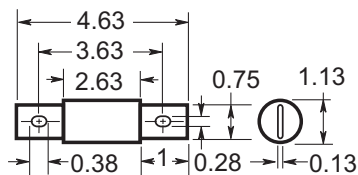
For more information on the recommended blocks, see the following data sheets.

Product	Data sheet no.
Modular blocks	10488
Modular power distribution blocks	10192

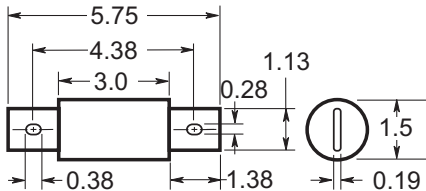


Powering Business Worldwide

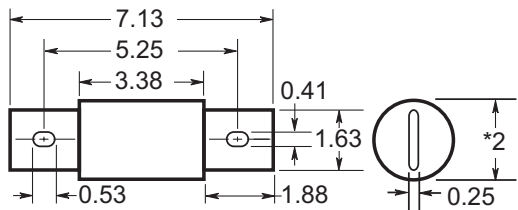
Dimensions – in



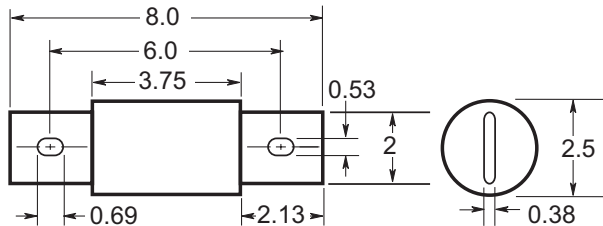
70 to 100 A



110 to 200 A

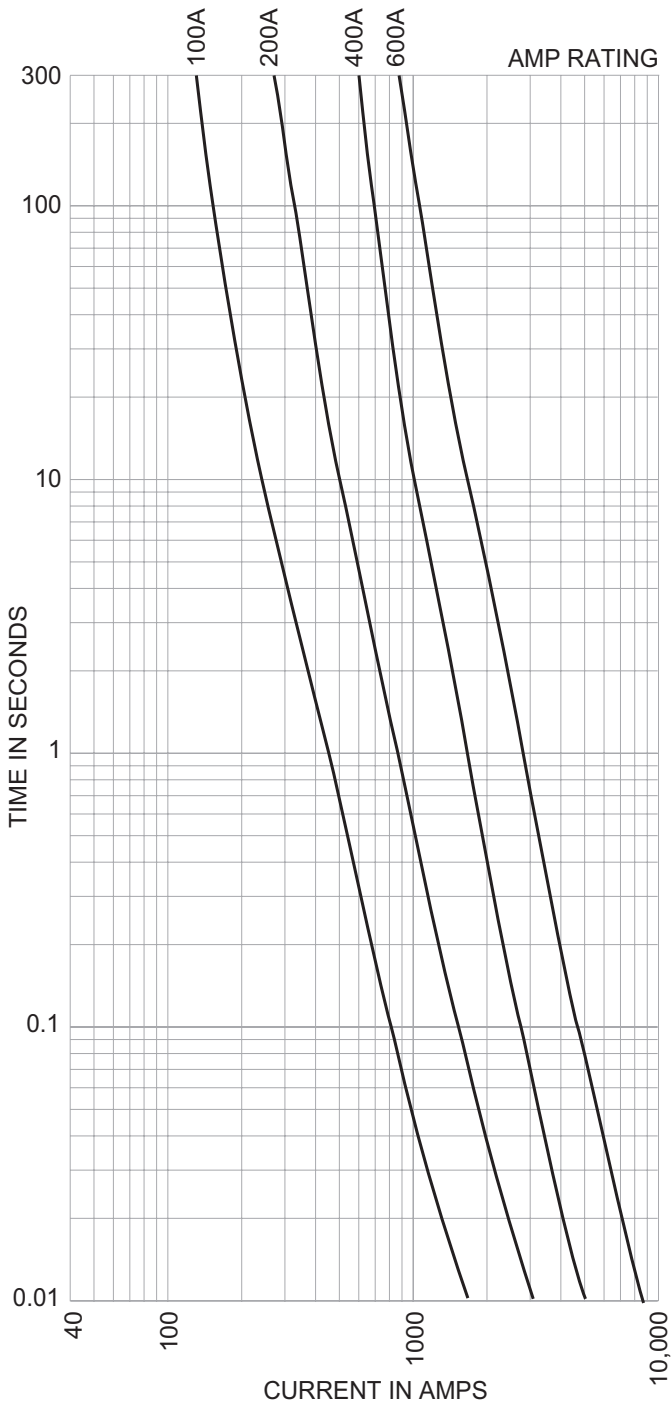


225 to 400 A



450 to 600 A

Time-current curves – average melt

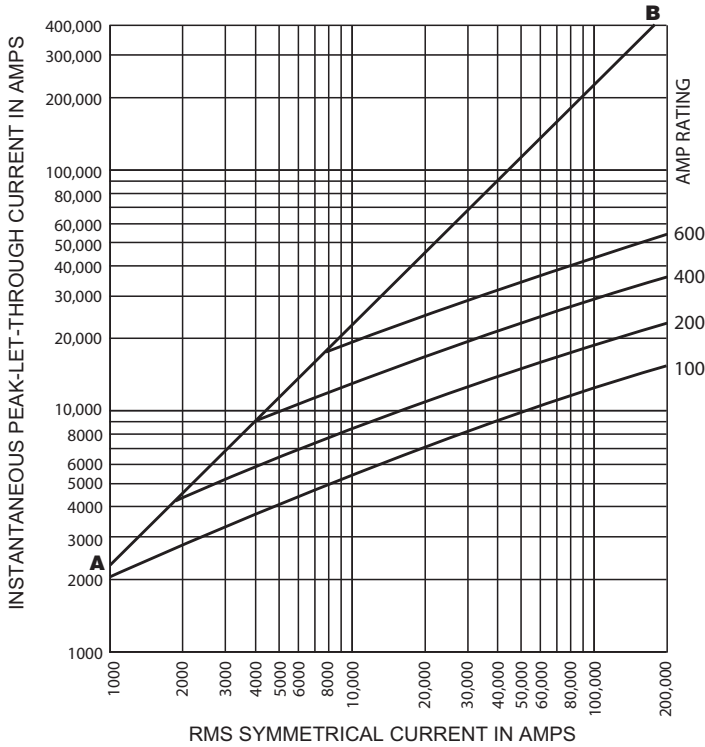


Class J fuse reducers

Equipment fuse clips	Desired fuse (case size)	Catalog no. (pairs)
100 A	30 A	J-13
	60 A	J-16
200 A	60 A	J-26†
	100 A	J-21†
400 A	100 A	J-41†
	200 A	J-42†
600 A	200 A	J-62†
	400 A	J-64†

† Not for bolt-in applications.

Current-limitation curves



Current-limiting effects

Prop. S.C.C.	Let-through current (apparent RMS Sym. vs. fuse rating)			
	100 A	200 A	400 A	600 A
—	100 A	200 A	400 A	600 A
5000	2000	3000	4000	5000
10,000	3000	4000	6000	9000
15,000	3000	4000	7000	10,000
20,000	3000	5000	8000	11,000
25,000	3000	6000	9000	12,000
30,000	3000	6000	9000	13,000
35,000	4000	6000	9000	13,000
40,000	4000	7000	10,000	14,000
50,000	4000	7000	10,000	15,000
60,000	5000	7000	11,000	16,000
70,000	5000	8000	11,000	17,000
80,000	5000	8000	12,000	17,000
90,000	6000	9000	13,000	18,000
100,000	6000	9000	13,000	18,000
150,000	6000	9000	14,000	22,000
200,000	7000	10,000	16,000	24,000

The only controlled copy of this data sheet is the electronic read-only version located on the Eaton network drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Eaton reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Eaton also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.

Eaton
 1000 Eaton Boulevard
 Cleveland, OH 44122
 Eaton.com

Bussmann Division
 114 Old State Road
 Ellisville, MO 63021
 United States
 Eaton.com/bussmannseries

© 2017 Eaton
 All Rights Reserved
 Printed in USA
 Publication No. 1027 — BU-SB13736
 July 2017

Eaton, Bussmann and Limitron are valuable trademarks of Eaton in the U.S. and other countries. You are not permitted to use the Eaton trademarks without prior written consent of Eaton.

CSA is a registered trademark of the Canadian Standards Group.
 NEC is a registered trademark of the National Fire Protection Association.
 UL is a registered trademark of the Underwriters Laboratories, Inc.

For Eaton's Bussmann series product information, call **1-855-287-7626** or visit: **Eaton.com/bussmannseries**

Follow us on social media to get the latest product and support information.



Mouser Electronics

Authorized Distributor

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

[Eaton:](#)

[JKS-225](#) [JKS-125](#) [JKS-175](#) [JKS-450](#) [JKS-400](#) [JKS-200](#) [JKS-500](#) [JKS-100](#) [JKS-150](#) [JKS-350](#) [JKS-70](#) [JKS-80](#)
[JKS-300](#) [JKS-110](#) [JKS-600](#) [JKS-90](#) [JKS-250](#)