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



Catalog symbol:

- JKS-_

Description:

The Bussmann™ series advanced protection Limitron™ Class J fast-acting, curent-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

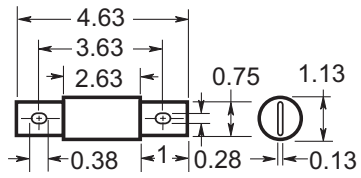
Fuse amps	1-pole	2-pole	3-pole
Modular open blocks			
70-100	JM60100-1_	JM60100-2_	JM60100-3_
110-200	JM60200-1_	JM60200-2_	JM60200-3_
225-400	JM60400-1_	JM60400-2_	JM60400-3_
450-600	JM60600-1_	JM60600-2_	JM60600-3_
Modular power distribution fuse blocks*			
70-100	JM60100-1MW_	JM60100-2MW_	JM60100-3MW_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

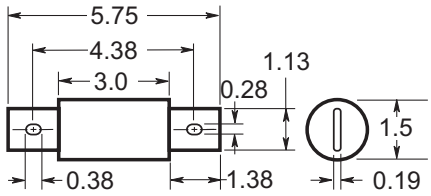
For more information on the recommended blocks, see the following data sheets.

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

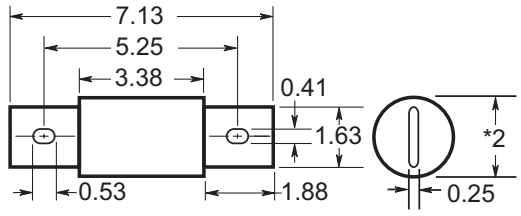
Dimensions — in



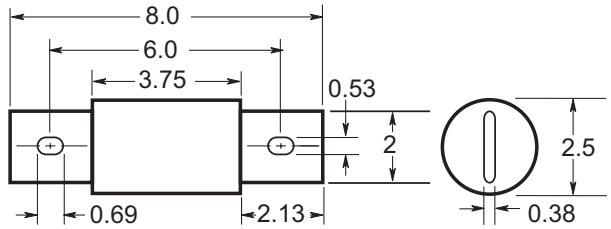
70 to 100 A



110 to 200 A

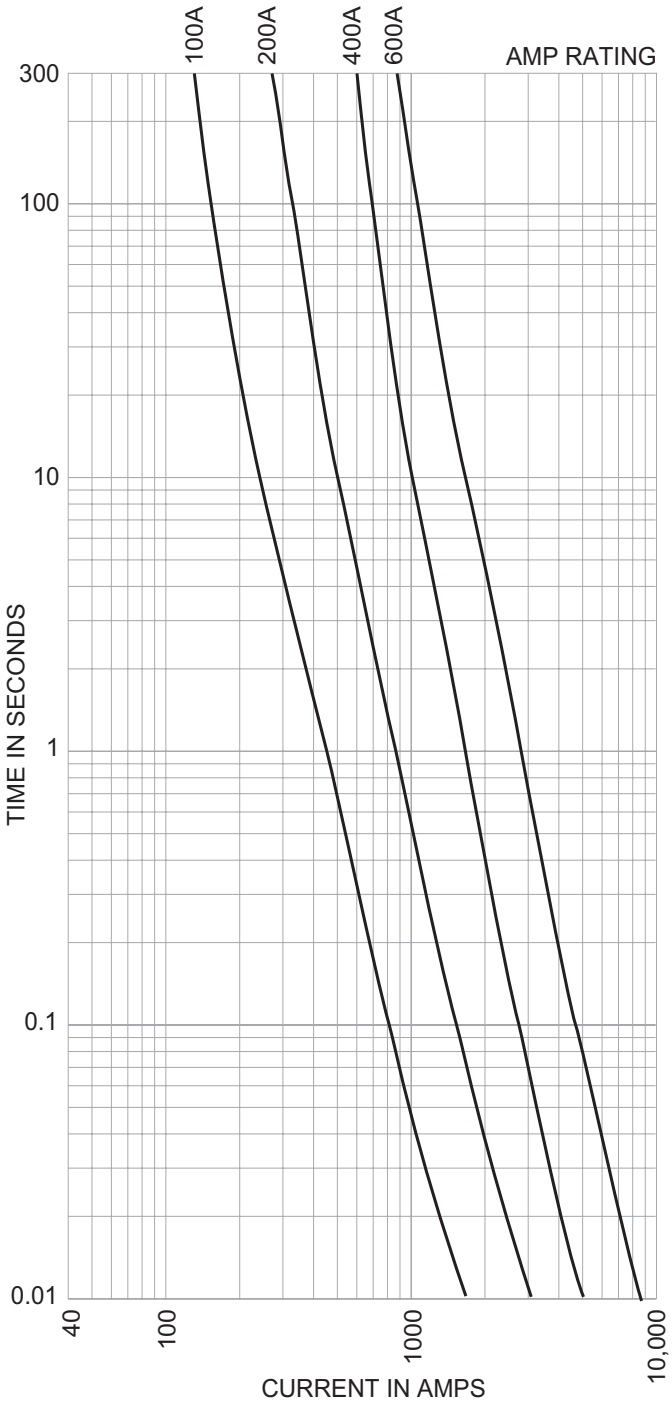


225 to 400 A



450 to 600 A

Time-currect curves — average melt

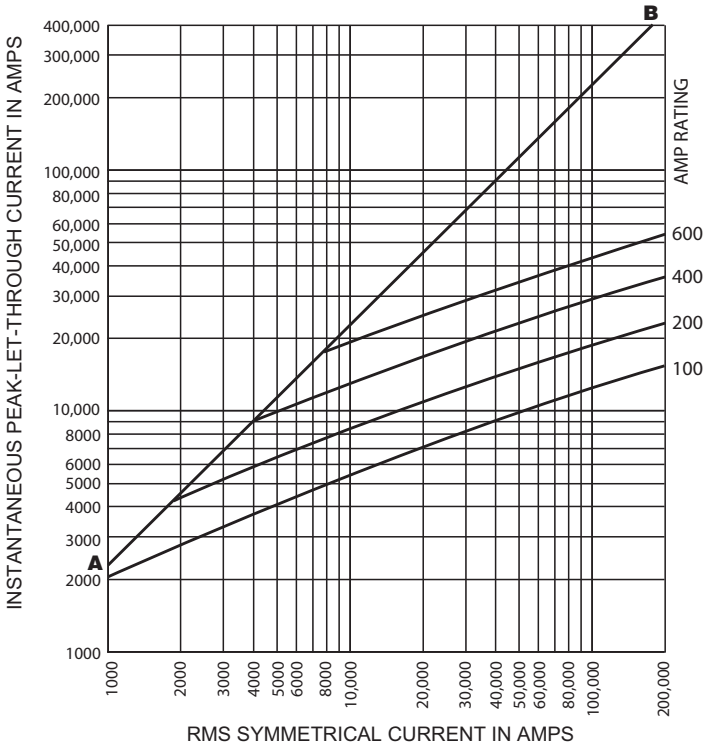


Class J fuse reducers

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

Prosp. S.C.C.	Let-through current (apparent RMS Sym. vs. fuse rating)			
—	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

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