

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

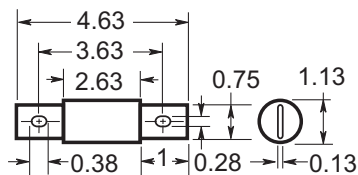
| Fuse amps | 1-pole | 2-pole | 3-pole |
|--|--------------|--------------|--------------|
| Modular open blocks | | | |
| 70-100 | JM60100-1_ | JM60100-2_ | JM60100-3_ |
| 110-200 | JM60200-1_ | JM60200-2_ | JM60200-3_ |
| 225-400 | JM60400-1_ | JM60400-2_ | JM60400-3_ |
| 450-600 | JM60600-1_ | JM60600-2_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

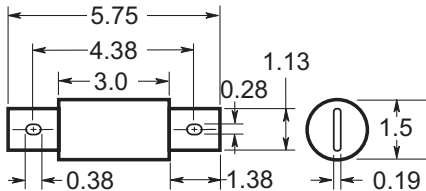
For more information on the recommended blocks, see the following data sheets.

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

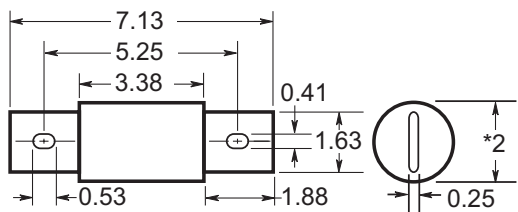
Dimensions – in



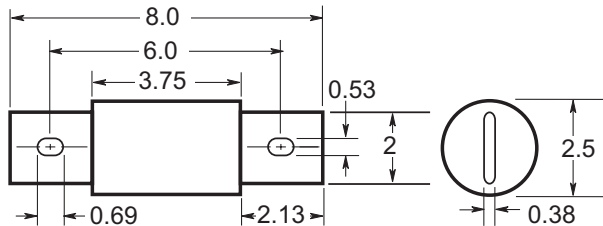
70 to 100 A



110 to 200 A

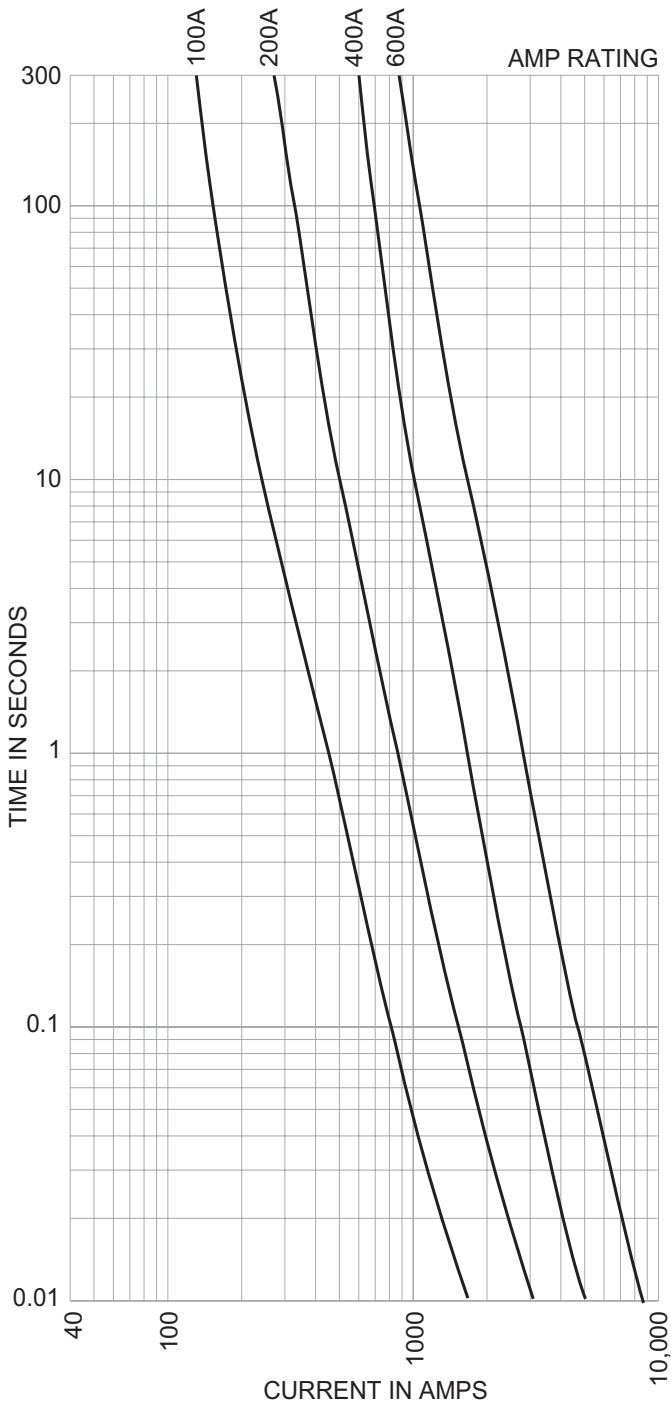


225 to 400 A



450 to 600 A

Time-current curves – average melt

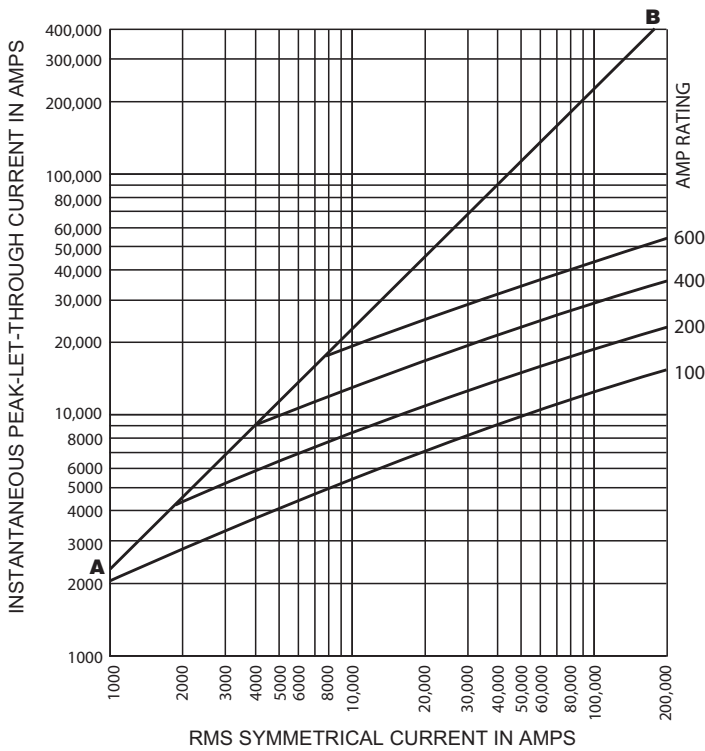


Class J fuse reducers

| 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 |

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