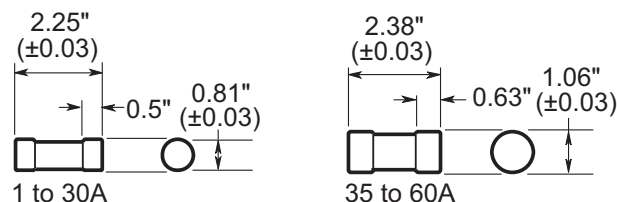


## JKS — 600Vac, 1-60A, Fast-Acting Fuses



### Dimensions - in



**Description:** Advanced protection Class J current-limiting, fast-acting fuses.

**Catalog Symbol:** JKS-(amp)

### Ratings:

- Volts — 600Vac (1-12A)
- 200Vdc (15-30A)
- 175Vdc (31-60A)
- Amps — 1-60A
- IR — 200kA Vac RMS Sym.
- 10kA Vdc

### Agency Information:

CE, UL Listed, Std. 248-8, Class J, Guide JDDZ, File E4273  
CSA Certified, C22.2 No. 248.8, Class 1422-02, File 53787

### Catalog Numbers (amps)

JKS-1	JKS-8	JKS-30
JKS-2	JKS-10	JKS-35
JKS-3	JKS-12	JKS-40
JKS-4	JKS-15	JKS-45
JKS-5	JKS-20	JKS-50
JKS-6	JKS-25	JKS-60

### Carton Quantity and Weight

Amp Rating	Carton Qty.
1-30	10
35-60	10

### Features:

- Single-element, current-limiting fuses provide superior short-circuit protection
- Protects low interrupting capacity circuit breakers. Limits the short-circuit current to meet the interrupting capacity requirements of existing equipment
- On older systems available short-circuit current may exceed the interrupting capacity of the circuit breakers, fuses can be installed in series with existing equipment
- Well suited for lighting and heating circuits and other non-inductive loads
- Provides component short-circuit protection in compliance with NEC® 110.10, where protection devices shall clear a fault without “extensive damage” to the circuit components
- High interrupting rating helps meet the requirements of future system expansion and the increases in available utility short-circuit current
- Fuses can be easily be selectively coordinated

### Recommended Fuse Blocks and Holders

Fuse Amps	1-Pole	2-Pole	3-Pole
<b>Open Blocks</b>			
0-30	J60030-1	J60030-2	J60030-3
35-60	J60060-1	J60060-2	J60060-3
<b>“Pyramid” Blocks</b>			
0-30	JP60030-1	JP60030-2	JP60030-3
35-60	JP60060-1	JP60060-2	JP60060-3
<b>CH Series Holders</b>			
0-30	CH30J1	CH30J2	CH30J3
35-60	CH60J1	CH60J2	CH60J3
<b>Safety J™ Holders</b>			
0-30	JT60030	—	—
35-60	JT60060	—	—

For additional information on the Class J fuse blocks and holders, see data sheets # 1114 (open blocks), #1108 (pyramid blocks), # 2144 (CH Series) and # 1152 (Safety J).

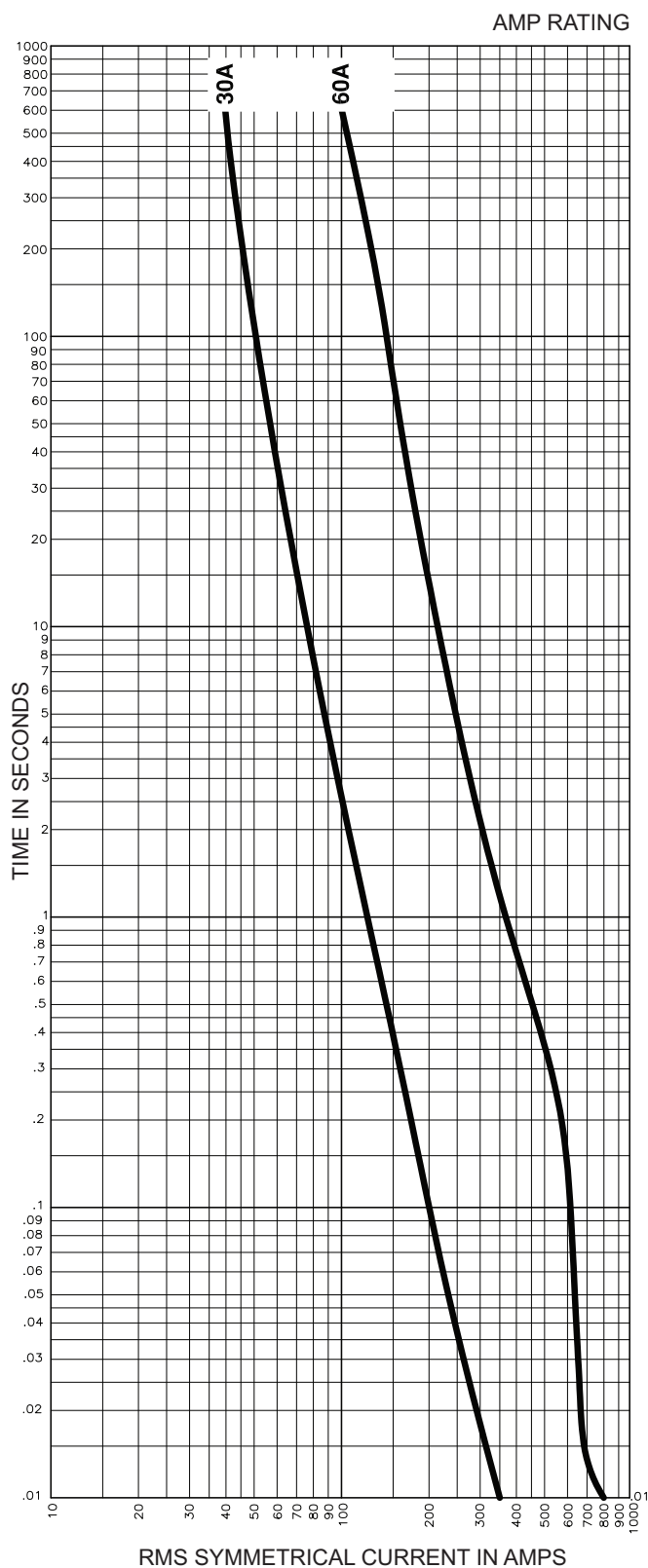
### Fuse Reducers For Class R Fuses

Equipment	Desired Fuse	Catalog Numbers
Fuse Clips	(Case) Size	(Pairs)
60A	30A	J-63
100A	30A	J-13
	60A	J-16
200A	60A	J-26†

† Not for bolt-in applications.

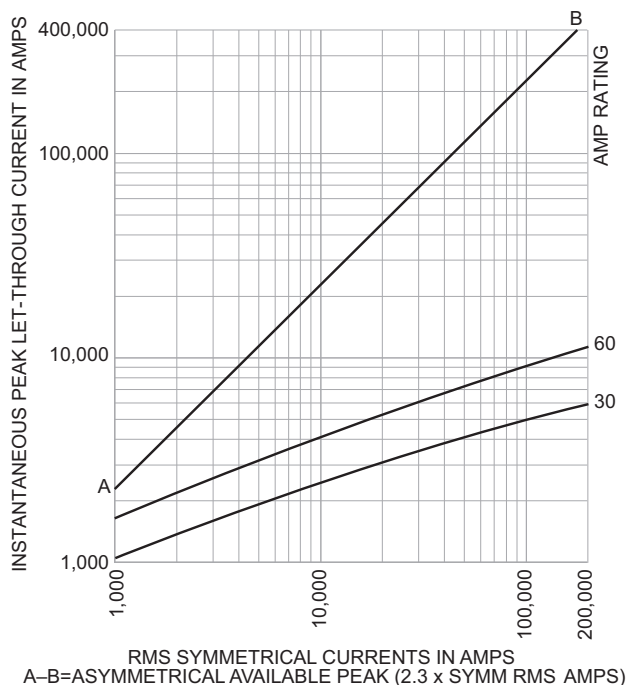
## JKS — 600Vac, 1-60A, Fast-Acting Fuses

### Time-Current Curves - Average Melt



## JKS — 600Vac, 1-60A, Fast-Acting Fuses

### Current-Limitation Curves



### Current-Limiting Effects

Prosp. S.C.C.	Let-Through Current (Apparent RMS Symmetrical Vs. Fuse Rating)	
	30A	60A
5000	1000	1000
10,000	1000	2000
15,000	1000	2000
20,000	1000	2000
25,000	2000	3000
30,000	2000	3000
35,000	2000	3000
40,000	2000	3000
50,000	2000	3000
60,000	2000	3000
70,000	2000	3000
80,000	2000	3000
90,000	2000	4000
100,000	2000	4000
150,000	2000	5000
200,000	3000	5000

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