# Limitron<sup>™</sup> Class J

### JKS – 600Vac, 70-600A, Fast-Acting Fuses



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

Catalog Symbol: JKS-(amp)

#### **Ratings:**

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

#### Agnecy Information:

CE, UL Listed Class J (Guide # JDDZ, File # E4273)

CSA HRCI-J (Class 1422-02, File # 53787)

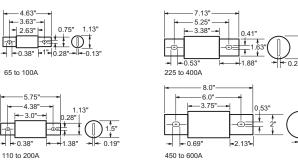
#### **Catalog Numbers (amps)**

JKS-70	JKS-125	JKS-250	JKS-500	
JKS-80	JKS-150	JKS-300	JKS-600	
JKS-90	JKS-175	JKS-350		
JKS-100	JKS-200	JKS-400		
JKS-110	JKS-225	JKS-450		

#### **Carton Quantity:**

Amp Rating	Carton Qty.	
70–100	5	
110–600	1	

#### Dimensions - in



#### Features:

- Provides 10X better current limitation to help prevent equipment damage caused by short-circuit events.
- 200kA Interrupting rating complies with NEC<sup>®</sup> 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 Fuse Blocks**

JM60100-1CR	JM60100-2CR	JM60100-3CR
JM60200-1CR	JM60200-2CR	JM60200-3CR
JM60400-1CR	JM60400-2CR	JM60400-3CR
JM60600-1CR	JM60600-2CR	JM60600-3CR
	JM60200-1CR JM60400-1CR	JM60200-1CR JM60200-2CR   JM60400-1CR JM60400-2CR

For additional information on the JM Series of fuse blocks, see product brochure # 3192.

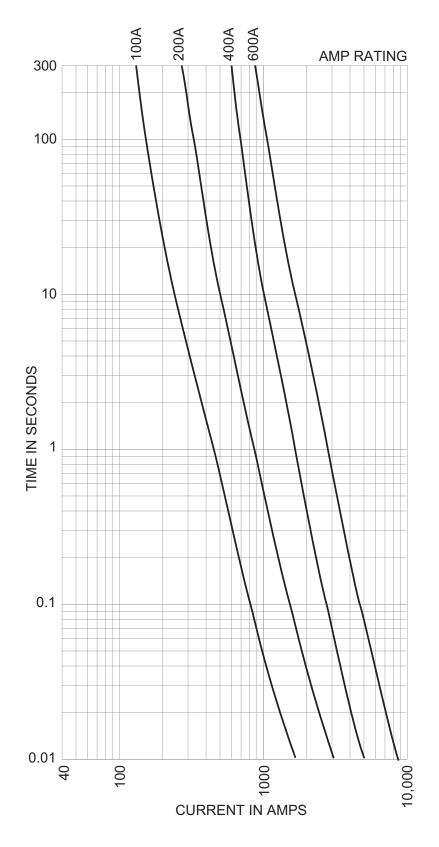
#### Fuse Reducers For Class J Fuses

Equipment Fuse Clips	Desired Fuse (Case) Size	Catalog Numbers (Pairs)
100A -	30A	J-13
100A	60A	J-16
200A -	60A	J-26 <sup>†</sup>
200A -	100A	J-21 <sup>†</sup>
1004	100A	J-41 <sup>†</sup>
400A –	200A	J-42 <sup>†</sup>
600A -	200A	J-62 <sup>†</sup>
OUUA	400A	J-64 <sup>†</sup>

† Not for bolt-in applications.

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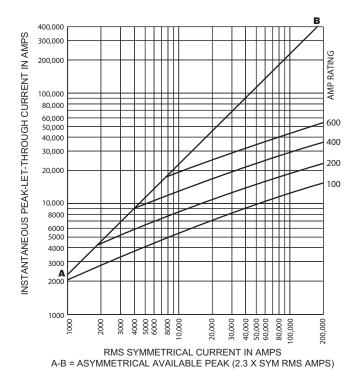
#### Time-Current Curves - Average Melt



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#### **Current-Limitation Curves**



#### **Current-Limiting Effects**

Prosp.	Let-Through Current (Apparent RMS Symmetrical Vs. Fuse Rating)				
S.C.C.	(Appare	nt RMS Symn	netrical Vs. Fi	use Rating)	
	100A	200A	400A	600A	
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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