

# R-Rated Fuses

## For Motor Circuit Protection

### Medium Voltage

# JCK, JCK-A, JCL, & JCL-A



- The JCK-A and JCL-A are standard JCK and JCL product with an additional Westinghouse amp guard hookeye.
- This single hookeye is on one end of the fuse and aids in the insertion and removal of the fuse.
- R-Rated medium voltage fuses are back-up current limiting fuses used in conjunction with medium voltage motors and motor controllers.
- Current limiting fuses may be designated as R-Rated if they meet the following requirements:
  1. The fuse will safely interrupt all currents between its minimum and maximum interrupting ratings.
  2. The fuse will melt in a range of 15 to 35 seconds at a value of 100 times the "R" number (ANSI C37.46).
- Bussmann R-Rated current limiting fuses are designed for use with medium voltage starters to provide short-circuit protection for the motor and motor controller.
- These fuses offer a high level of fault current interruption in a self-contained, non-venting package which can be mounted indoors or in an enclosure.
- Blown fuse indication on all fuses.

CATALOG SYMBOL: JCK, JCK-A, JCL, JCL-A

R-RATED

MEDIUM VOLTAGE

CURRENT LIMITING

2750V AC — JCK, JCK-A

5500V AC — JCL, JCL-A

MAX. DESIGN VOLTAGE 2750V AC — JCK, JCK-A

U.L. RECOGNIZED MAXIMUM 2540V AC — JCK, JCK-A

MAX. DESIGN VOLTAGE 5500V AC — JCL, JCL-A

U.L. RECOGNIZED MAXIMUM 5080V AC — JCL, JCL-A

U.L. RECOGNIZED

(GUIDE #M5552, FILE # E96676)

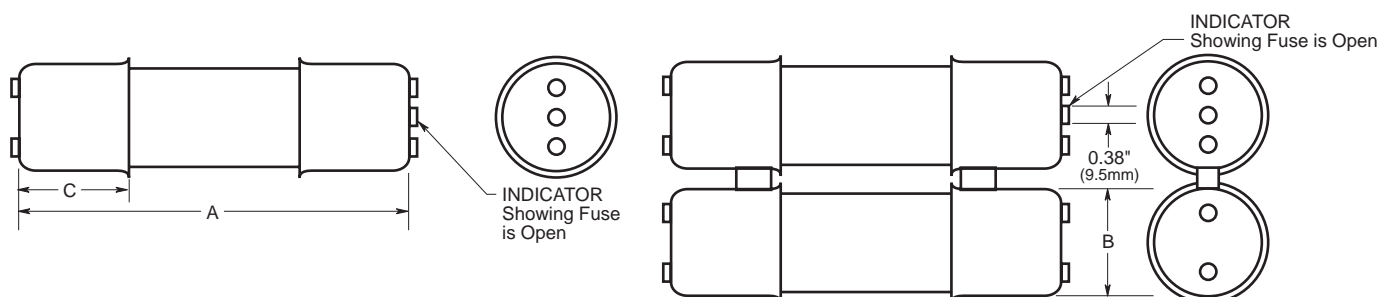
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### Dimensional Data



### Specifications

Buss Catalog No.	Amperage	Maximum Design Voltage	Dimensions (Inches)			Construction	Max. Int. Cap.		Min. Int. Cap.
			A	B	C		Amps (Asym.)	Amps (Sym.)	
<b>2400V; R-Rated; Indoor/Enclosure</b>									
JCK-2R	70 2R	2750V	11.24	3.0	3.0	Single	80,000	50,000	165
JCK-3R	100 3R	2750V	11.24	3.0	3.0	Single	80,000	50,000	220
JCK-4R	130 4R	2750V	11.24	3.0	3.0	Single	80,000	50,000	320
JCK-5R	150 5R	2750V	11.24	3.0	3.0	Single	80,000	50,000	410
JCK-6R	170 6R	2750V	11.24	3.0	3.0	Single	80,000	50,000	480
JCK-9R	200 9R	2750V	11.24	3.0	3.0	Single	80,000	50,000	720
JCK-12R	230 12R	2750V	11.24	3.0	3.0	Single	80,000	50,000	970
JCK-18R	390 18R	2750V	11.24	3.0	3.0	Double	80,000	50,000	1430
JCK-24R	450 24R	2750V	11.24	3.0	3.0	Double	80,000	50,000	1880
<b>2400V; R-Rated; Indoor/Enclosure; With Westinghouse Amp guard Hookeye</b>									
JCK-A-2R	70 2R	2750V	11.24	3.0	3.0	Single	80,000	50,000	165
JCK-A-3R	100 3R	2750V	11.24	3.0	3.0	Single	80,000	50,000	220
JCK-A-4R	130 4R	2750V	11.24	3.0	3.0	Single	80,000	50,000	320
JCK-A-5R	150 5R	2750V	11.24	3.0	3.0	Single	80,000	50,000	410
JCK-A-6R	170 6R	2750V	11.24	3.0	3.0	Single	80,000	50,000	480
JCK-A-9R	200 9R	2750V	11.24	3.0	3.0	Single	80,000	50,000	720
JCK-A-12R	230 12R	2750V	11.24	3.0	3.0	Single	80,000	50,000	970
JCK-A-18R	390 18R	2750V	11.24	3.0	3.0	Double	80,000	50,000	1430
JCK-A-24R	450 24R	2750V	11.24	3.0	3.0	Double	80,000	50,000	1880
<b>4800V; R-Rated; Indoor/Enclosure</b>									
JCL-2R	70 2R	5500V	15.76	3.0	3.0	Single	80,000	50,000	165
JCL-3R	100 3R	5500V	15.76	3.0	3.0	Single	80,000	50,000	220
JCL-4R	130 4R	5500V	15.76	3.0	3.0	Single	80,000	50,000	320
JCL-5R	150 5R	5500V	15.76	3.0	3.0	Single	80,000	50,000	410
JCL-6R	170 6R	5500V	15.76	3.0	3.0	Single	80,000	50,000	480
JCL-9R	200 9R	5500V	15.76	3.0	3.0	Single	80,000	50,000	720
JCL-12R	230 12R	5500V	15.76	3.0	3.0	Single	80,000	50,000	970
JCL-18R	390 18R	5500V	15.76	3.0	3.0	Double	80,000	50,000	1430
JCL-24R	450 24R	5500V	15.76	3.0	3.0	Double	80,000	50,000	1880
<b>4800V; R-Rated; Indoor/Enclosure; With Westinghouse Amp guard Hookeye</b>									
JCL-A-2R	70 2R	5500V	15.76	3.0	3.0	Single	80,000	50,000	165
JCL-A-3R	100 3R	5500V	15.76	3.0	3.0	Single	80,000	50,000	220
JCL-A-4R	130 4R	5500V	15.76	3.0	3.0	Single	80,000	50,000	320
JCL-A-5R	150 5R	5500V	15.76	3.0	3.0	Single	80,000	50,000	410
JCL-A-6R	170 6R	5500V	15.76	3.0	3.0	Single	80,000	50,000	480
JCL-A-9R	200 9R	5500V	15.76	3.0	3.0	Single	80,000	50,000	720
JCL-A-12R	230 12R	5500V	15.76	3.0	3.0	Single	80,000	50,000	970
JCL-A-18R	390 18R	5500V	15.76	3.0	3.0	Double	80,000	50,000	1430
JCL-A-24R	450 24R	5500V	15.76	3.0	3.0	Double	80,000	50,000	1880

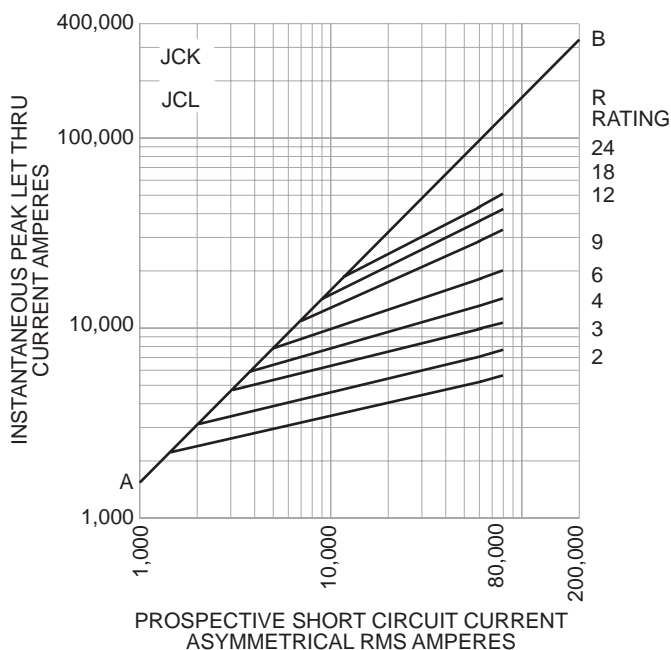
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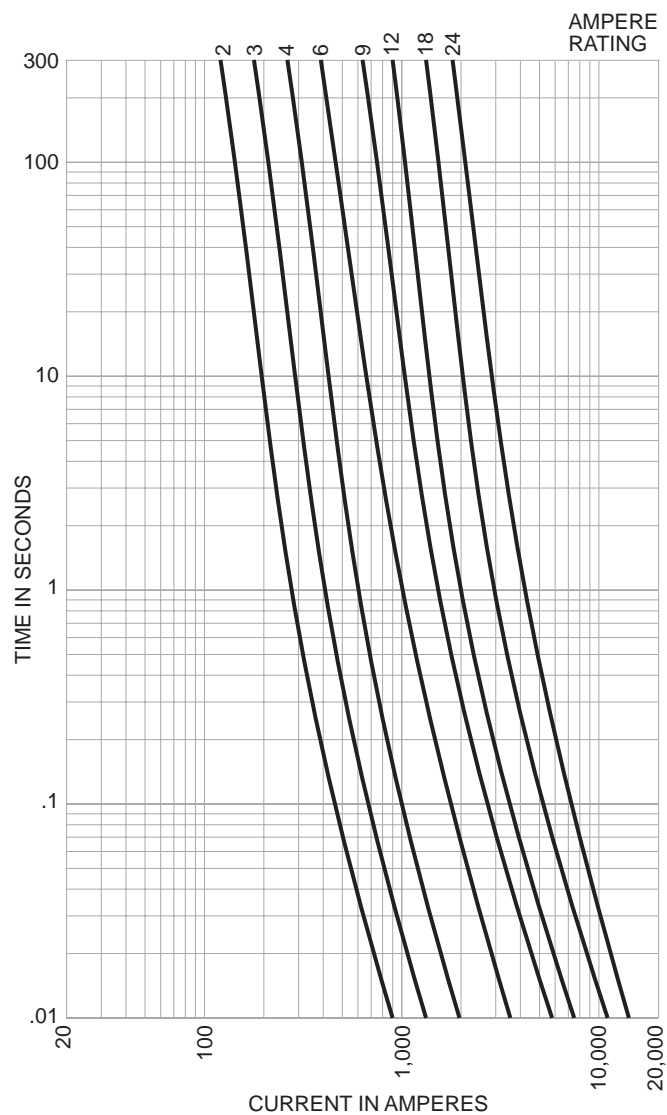
### Medium Voltage

JCK, JCK-A,  
JCL, & JCL-A

**Current Limitation Curves**



**Time-Current Characteristic Curves—Average Melt**



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