### **Bussmann**<sup>®</sup>

## **E-Rated Fuses** For Potential & Small Power Trans. Medium Voltage

# JCD, JCW, JCE JCD, JCI, & JCT



- Low amperage, E-Rated medium voltage fuses are general purpose current limiting fuses.
- The E rating defines the melting-time-current characteristic of the fuse and permits electrical interchangeability of fuses with the same E Rating.
- For a general purpose fuse to have an E Rating the following condition must be met:

The current responsive element shall melt in 300 seconds at a rms current within the range of 200% to 240% of the continuous current rating of the fuse, fuse refill, or link. (For fuses rated 100E or less)(ANSI C37.46).

- Bussmann low amperage, E-Rated fuses are designed to provide primary protection for potential, small service, and control transformers.
- 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.

Catalog Symbol: JCD, JCW, JCE, JCQ, JCI, AND JCT E-Rated Current Limiting Indicating/Non-Indicating Plated Ferrules Voltage Ratings: (Max. Design): 2750, 5500, 8300, 15,500 VOLT Current Ratings: 1/2E THRU 10E No Agency Listings

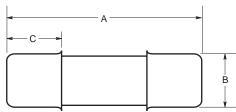


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## **E-Rated Fuses** For Potential & Small Power Trans. Medium Voltage

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#### **Dimensional Data**



#### Specifications

Buss		Maximum Design Voltage	Dimensions (Inches)				Maximum Interrupting Capacity	
Catalog No.	Amperage		A	В	С	Construction	Amps (Asym.)	Amps (Sym.
2400V; E-Rated I	use; Indicating							
JCD-1/2E	.50E	2750V	4.5	0.8	0.63	Single	100,000	63,000
JCD-1E	1.0E	2750V	4.5	0.8	0.63	Single	63,000	40,000
JCD-2E	2.0E	2750V	4.5	0.8	0.63	Single	63,000	40,000
JCD-5E	5.0E	2750V	4.5	0.8	0.63	Single	40,000	25,000
2400/4800V; E-R	ated Fuse; Non-Indic	ating						
JCW-1/2E	.5E	2750V/5500V	7.31	1.56	1.38	Single	60,000	40,000
JCW-1E	1E	2750V/5500V	7.31	1.56	1.38	Single	60,000	40,000
JCW-2E	2E	2750V/5500V	7.31	1.56	1.38	Single	60,000	40,000
JCW-3E	3E	2750V/5500V	7.31	1.56	1.38	Single	60,000	40,000
JCW-4E	4E	2750V/5500V	7.31	1.56	1.38	Single	60,000	40,000
JCW-5E	5E	2750V/5500V	7.31	1.56	1.38	Single	60,000	40,000
5500V; E-Rated I	use; Non-Indicating							
JCE-1/2E	.5E	5500V	5.6	0.81	0.63	Single	60,000	50,000
JCE-1E	1E	5500V	5.6	0.81	0.63	Single	60,000	50,000
JCE-2E	2E	5500V	5.6	0.81	0.63	Single	60,000	50,000
JCE-3E	3E	5500V	5.6	0.81	0.63	Single	60,000	50,000
JCE-4E	4E	5500V	5.6	0.81	0.63	Single	60,000	50,000
JCE-5E	5E	5500V	5.6	0.81	0.63	Single	60,000	50,000
4800V; E-Rated I	use; Indicating							
JCQ-1/2E	.5E	5500V	9.5	1.6	1.38	Single	130,000	80,000
JCQ-1E	1.0E	5500V	9.5	1.6	1.38	Single	130,000	80,000
JCQ-1-1/2E	1.5E	5500V	9.5	1.6	1.38	Single	130,000	80,000
JCQ-3E	3.0E	5500V	9.44	1.6	1.38	Single	130,000	80,000
JCQ-5E	5.0E	5500V	9.44	1.6	1.38	Single	130,000	80,000
JCQ-10E	10.0E	5500V	9.44	1.6	1.38	Single	130,000	80,000
7200V; E-Rated I	use; Indicating							
JCI-1/2E	.50E	8300V	9.5	1.6	1.38	Single	130,000	80,000
JCI-3E	3.0E	8300V	12.88	1.6	1.38	Single	130,000	80,000
JCI-5E	5.0E	8300V	12.88	1.6	1.38	Single	130,000	80,000
JCI-10E	10.0E	8300V	12.88	1.6	1.38	Single	130,000	80,000
14,400V; E-Rated	I Fuse; Indicating					5		·
JCT-1/2E	.5E	15500V	12.93	1.6	1.38	Single	130,000	80,000
JCT-1E	1.0E	15500V	12.93	1.6	1.38	Single	130,000	80,000
JCT-1-1/2E	1.5E	15500V	12.93	1.6	1.38	Single	130,000	80,000
JCT-3E	3.0E	15500V	17.5	1.6	1.38	Single	130,000	80,000
JCT-5E	5.0E	15500V	17.5	1.6	1.38	Single	130,000	80,000
JCT-10E	10.0E	15500V	17.5	1.6	1.38	Single	130,000	80,000

Fuse clip for 0.81" Diameter Fuses - 1A1837

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