E-Rated Medium Voltage Fuses for Potential & Small Power Trans.

JCD, JCW, JCE, JCQ, JCI, & JCT

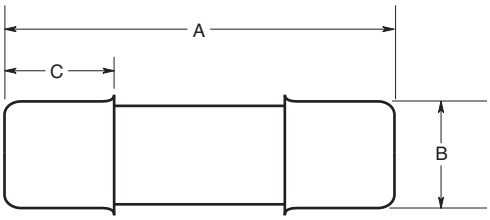


- Low amp, E-Rated medium voltage fuses are general purpose current limiting fuses
- The E rating defines the melting-time-current characteristic of the fuse and permits electrical interchangeability of fuses with the same E Rating
- For a general purpose fuse to have an E Rating the following condition 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)
- Cooper Bussmann low amp, 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, 8300,15,500V
Current Ratings: ½E through 10E
No Agency Listings

Dimensional Data



Specifications

Buss Catalog No.	Amps	Maximum Design Voltage	Dimensions (Inches) A	B	C	Construction	Maximum Interrupting Capacity Amps (Asym.)	Amps (Sym.)
2400V; E-Rated Fuse; 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-Rated Fuse; Non-Indicating								
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 Fuse; 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 Fuse; Indicating								
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 Fuse; Indicating								
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 Fuse; Indicating								
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 1.6” Diameter Fuses - 1A0835
Fuse clip for 0.81” Diameter Fuses - 1A1837

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