

E-Rated Fuses

For Potential & Small Power Trans.
Medium Voltage

JCD, JCW, JCE
JCQ, 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

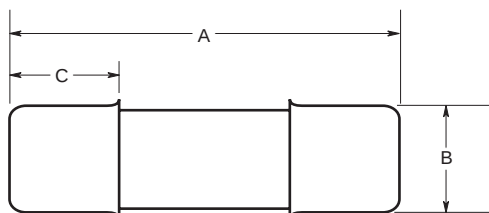
E-Rated Fuses

For Potential & Small Power Trans.

Medium Voltage

JCD, JCW, JCE
JCQ, JCI, & JCT

Dimensional Data



Specifications

Buss		Maximum Design Voltage	Dimensions (Inches)			Construction	Maximum Interrupting Capacity	
Catalog No.	Amperage		A	B	C		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-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 Fuse; 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 Fuse; Indicating								
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 1.6" Diameter Fuses - 1A0835

Fuse clip for 0.81" Diameter Fuses - 1A1837

The only controlled copy of this Data Sheet is the electronic read-only version located on the Bussmann Network Drive. All other copies of this BIF document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Bussmann reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Bussmann also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.