

E-rated fuses for potential & small power transformers

JCD, JCW, JCE, JCQ, JCI & JCT

Specifications

Description: Indicating and non-indicating E-rated medium voltage, current-limiting fuses for potential & small power transformers.

Dimensions: See Catalog Numbers table.

Construction: plated ferrules.

Ratings:

Volts: — 2.4-15.5kV (See Catalog Numbers table for details)

Amps: — 1/2-10A



IR: — 25-80kA Sym

— 40-130kA ASYM

— See Catalog Numbers table for details

Features and Benefits

- Sized for retrofitting in existing hardware
- Space saving size

Typical Applications

- Primary protection of medium voltage potential transformers
- Primary protection of small medium voltage service transformers
- Primary protection of small medium voltage control transformers

Catalog Numbers

Catalog Numbers	Amp Rating	Maximum Design Voltage	Construction	Maximum Interrupting Capacity		Dimensions - in (mm)	
				Amps (Asym.)	Amps (Sym.)	Length	Diameter
2400V; E-Rated Fuse; Non-Indicating							
JCD-1/2E	0.5	2750	Single	100,000	63,000	4.50 (114)	0.80 (20.32)
JCD-1E	1	2750	Single	63,000	40,000	4.50 (114)	0.80 (20.32)
JCD-2E	2	2750	Single	63,000	40,000	4.50 (114)	0.80 (20.32)
JCD-5E	5	2750	Single	40,000	25,000	4.50 (114)	0.80 (20.32)
2450/5500V; E-Rated Fuse; Non-Indicating							
JCW-1/2E	0.5	2750/5500	Single	60,000	40,000	7.312 (185.72)	1.563 (39.70)
JCW-1E	1	2750/5500	Single	60,000	40,000	7.312 (185.72)	1.563 (39.70)
JCW-2E	2	2750/5500	Single	60,000	40,000	7.312 (185.72)	1.563 (39.70)
JCW-3E	3	2750/5500	Single	60,000	40,000	7.312 (185.72)	1.563 (39.70)
JCW-4E	4	2750/5500	Single	60,000	40,000	7.312 (185.72)	1.563 (39.70)
JCW-5E	5	2750/5500	Single	60,000	40,000	7.312 (185.72)	1.563 (39.70)
5500V; E-Rated Fuse; Non-Indicating							
JCE-1/2E	0.5	5500	Single	60,000	50,000	5.625 (142.88)	0.81 (20.32)
JCE-1E	1	5500	Single	60,000	50,000	5.625 (142.88)	0.81 (20.32)
JCE-2E	2	5500	Single	60,000	50,000	5.625 (142.88)	0.81 (20.32)
JCE-3E	3	5500	Single	60,000	50,000	5.625 (142.88)	0.81 (20.32)
JCE-4E	4	5500	Single	60,000	50,000	5.625 (142.88)	0.81 (20.32)
JCE-5E	5	5500	Single	60,000	50,000	5.625 (142.88)	0.81 (20.32)
5500V; E-Rated Fuse; Indicating							
JCQ-1/2E	0.5	5500	Single	130,000	80,000	9.5 (241.3)	1.6 (40.64)
JCQ-1E	1	5500	Single	130,000	80,000	9.5 (241.3)	1.6 (40.64)
JCQ-1 1/2E	1.5	5500	Single	130,000	80,000	9.5 (241.3)	1.6 (40.64)
JCQ-3E	3	5500	Single	130,000	80,000	9.44 (239.78)	1.6 (40.64)
JCQ-5E	5	5500	Single	130,000	80,000	9.5 (241.3)	1.6 (40.64)
JCQ-10E	10	5500	Single	130,000	80,000	9.5 (241.3)	1.6 (40.64)
8300V; E-Rated Fuse; Indicating							
JCI-1/2E	0.5	8300	Single	130,000	80,000	9.5 (241.3)	1.6 (40.64)
JCI-3E	3	8300	Single	130,000	80,000	12.88 (327.15)	1.6 (40.64)
JCI-5E	5	8300	Single	130,000	80,000	12.88 (327.15)	1.6 (40.64)
JCI-10E	10	8300	Single	130,000	80,000	12.88 (327.15)	1.6 (40.64)
15,500V; E-Rated Fuse; Indicating							
JCT-1/2E	0.5	15500	Single	130,000	80,000	12.93 (328.42)	1.6 (40.64)
JCT-1E	1	15500	Single	130,000	80,000	12.93 (328.42)	1.6 (40.64)
JCT-1 1/2E	1.5	15500	Single	130,000	80,000	12.93 (328.42)	1.6 (40.64)
JCT-3E	3	15500	Single	130,000	80,000	17.5 (444.5)	1.6 (40.64)
JCT-5E	5	15500	Single	130,000	80,000	17.5 (444.5)	1.6 (40.64)
JCT-10E	10	15500	Single	130,000	80,000	17.5 (444.5)	1.6 (40.64)

Fuse clip for 1.6 inch Diameter Fuses - 1A0835.
Fuse clip for 0.81 inch Diameter Fuses - 1A1837.

Data Sheet: 6002