

E-rated Fuses for Potential & Small Power Transformers

JCD, JCW, JCQ, JCI & JCT



Specifications

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

Dimensions: See Catalog Numbers table.

Construction: Plated ferrules.

Ratings:

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

Amps: — ½-10A

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	IR RMS Sym.	Dimensions - in (mm)	
				Length	Diameter

2400V; E-Rated Fuse; Non-Indicating

JCD-½E	0.5	2.75kV	63kA	4.50 (114)	0.80 (20.32)
JCD-1E	1	2.75kV	40kA	4.50 (114)	0.80 (20.32)
JCD-2E	2	2.75kV	40kA	4.50 (114)	0.80 (20.32)
JCD-5E	5	2.75kV	25kA	4.50 (114)	0.80 (20.32)

2450/5500V; E-Rated Fuse; Non-Indicating

JCW-½E	0.5	2.75/5.5kV	40kA	7.312 (185.72)	1.563 (39.70)
JCW-1E	1	2.75/5.5kV	40kA	7.312 (185.72)	1.563 (39.70)
JCW-2E	2	2.75/5.5kV	40kA	7.312 (185.72)	1.563 (39.70)
JCW-3E	3	2.75/5.5kV	40kA	7.312 (185.72)	1.563 (39.70)
JCW-5E	5	2.75/5.5kV	40kA	7.312 (185.72)	1.563 (39.70)

5500V; E-Rated Fuse; Indicating

JCQ-½E	0.5	5.5kV	80kA	9.5 (241.3)	1.6 (40.64)
JCQ-1E	1	5.5kV	80kA	9.5 (241.3)	1.6 (40.64)
JCQ-1½E	1.5	5.5kV	80kA	9.5 (241.3)	1.6 (40.64)
JCQ-3E	3	5.5kV	80kA	9.5 (241.3)	1.6 (40.64)
JCQ-5E	5	5.5kV	80kA	9.5 (241.3)	1.6 (40.64)
JCQ-10E	10	5.5kV	80kA	9.5 (241.3)	1.6 (40.64)

8300V; E-Rated Fuse; Indicating

JCI-½E	0.5	8.3kA	80kA	9.5 (241.3)	1.6 (40.64)
JCI-3E	3	8.3kA	80kA	12.88 (327.15)	1.6 (40.64)
JCI-5E	5	8.3kA	50kA	12.88 (327.15)	1.6 (40.64)
JCI-10E	10	8.3kA	50kA	12.88 (327.15)	1.6 (40.64)

15,500V; E-Rated Fuse; Indicating

JCT-½E	0.5	15.5kV	80kA	12.93 (328.42)	1.6 (40.64)
JCT-1E	1	15.5kV	80kA	12.93 (328.42)	1.6 (40.64)
JCT-1-½E	1.5	15.5kV	80kA	12.93 (328.42)	1.6 (40.64)
JCT-3E	3	15.5kV	80kA	17.5 (444.5)	1.6 (40.64)
JCT-5E	5	15.5kV	80kA	17.5 (444.5)	1.6 (40.64)
JCT-10E	10	15.5kV	80kA	17.5 (444.5)	1.6 (40.64)

Fuse clip for 1.56 and 1.6 inch diameter fuses - 1A0835.
Fuse clip for 0.81 inch diameter fuses - 1A1837.