

E-Rated Fuses for Transformer & Feeders

JCX, JCY, JCU, JCZ and JDZ

Specifications

Description: Indoor/enclosure E-rated medium voltage, current-limiting fuses for feeders and power transformers with blown fuse indication.

Dimensions: See Catalog Numbers table.

Construction: plated ferrules.

Ratings:

Volts: — 2750-8300V - See Catalog Numbers table for details

Amps: — ½-750A

IR: — 40-63kA Sym

— 60-100kA ASYM

— See Catalog Numbers table for details



Features and Benefits

- Physically dimensioned for retrofitting in existing hardware
- Open fuse indicator for ease in troubleshooting
- Full range ANSI classification

Typical Applications

- Medium Voltage Transformer Primary Protection
- Medium Voltage Feeder Circuit Protection
- Medium Voltage Switches
- Medium Voltage Metal-enclosed Switchgear

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; Indoor/Enclosure | | | | | | | |
| JCX-1E | 1 | 2750 | Single | 60,000 | 40,000 | 9.19 (233.38) | 2 (50.8) |
| JCX-2E | 2 | 2750 | Single | 60,000 | 40,000 | 9.19 (233.38) | 2 (50.8) |
| JCX-3E | 3 | 2750 | Single | 60,000 | 40,000 | 9.19 (233.38) | 2 (50.8) |
| JCX-5E | 5 | 2750 | Single | 60,000 | 40,000 | 9.19 (233.38) | 2 (50.8) |
| JCX-7E | 7 | 2750 | Single | 60,000 | 40,000 | 9.19 (233.38) | 2 (50.8) |
| JCX-10E | 10 | 2750 | Single | 60,000 | 40,000 | 9.19 (233.38) | 2 (50.8) |
| JCX-15E | 15 | 2750 | Single | 80,000 | 50,000 | 9.5 (241.3) | 2.1 (53.34) |
| JCX-20E | 20 | 2750 | Single | 80,000 | 50,000 | 9.5 (241.3) | 2.1 (53.34) |
| JCX-25E | 25 | 2750 | Single | 80,000 | 50,000 | 9.5 (241.3) | 2.1 (53.34) |
| JCX-30E | 30 | 2750 | Single | 80,000 | 50,000 | 10.81 (276.35) | 3 (76.2) |
| JCX-40E | 40 | 2750 | Single | 80,000 | 50,000 | 10.81 (276.35) | 3 (76.2) |
| JCX-50E | 50 | 2750 | Single | 80,000 | 50,000 | 10.81 (276.35) | 3 (76.2) |
| JCX-65E | 65 | 2750 | Single | 80,000 | 50,000 | 10.81 (276.35) | 3 (76.2) |
| JCX-80E | 80 | 2750 | Single | 80,000 | 50,000 | 10.81 (276.35) | 3 (76.2) |
| JCX-100E | 100 | 2750 | Single | 80,000 | 40,000 | 10.81 (276.35) | 3 (76.2) |
| JCX-125E | 125 | 2750 | Single | 80,000 | 50,000 | 10.81 (276.35) | 3 (76.2) |
| JCX-150E | 150 | 2750 | Single | 80,000 | 50,000 | 10.81 (276.35) | 3 (76.2) |
| JCX-200E | 200 | 2750 | Single | 80,000 | 50,000 | 10.81 (276.35) | 3 (76.2) |
| JCX-225E | 225 | 2750 | Single | 80,000 | 50,000 | 10.81 (276.35) | 3 (76.2) |
| JCX-250E/280X | 250/280 | 2750 | Double | 80,000 | 50,000 | 10.81 (276.35) | 3 (76.2) |
| JCX-300E/325X | 300/325 | 2750 | Double | 80,000 | 50,000 | 10.81 (276.35) | 3 (76.2) |
| JCX-350X | 350 | 2750 | Double | 80,000 | 50,000 | 10.81 (276.35) | 3 (76.2) |
| JCX-400X | 400 | 2750 | Double | 80,000 | 50,000 | 10.81 (276.35) | 3 (76.2) |
| JCX-450X | 450 | 2750 | Double | 80,000 | 50,000 | 10.81 (276.35) | 3 (76.2) |
| 5500V; E-Rated; Indoor/Enclosure | | | | | | | |
| JCY-½E | 0.5 | 5500 | Single | 60,000 | 40,000 | 11.19 (284.18) | 2 (50.8) |
| JCY-1E | 1 | 5500 | Single | 60,000 | 40,000 | 11.19 (284.18) | 2 (50.8) |
| JCY-2E | 2 | 5500 | Single | 60,000 | 40,000 | 11.19 (284.18) | 2 (50.8) |
| JCY-3E | 3 | 5500 | Single | 60,000 | 40,000 | 11.19 (284.18) | 2 (50.8) |
| JCY-5E | 5 | 5500 | Single | 60,000 | 40,000 | 11.19 (284.18) | 2 (50.8) |
| JCY-7E | 7 | 5500 | Single | 60,000 | 40,000 | 11.19 (284.18) | 2 (50.8) |
| JCY-10E | 10 | 5500 | Single | 60,000 | 40,000 | 11.19 (284.18) | 2 (50.8) |
| JCY-15E | 15 | 5500 | Single | 60,000 | 40,000 | 11.19 (284.18) | 2 (50.8) |
| JCY-20E | 20 | 5500 | Single | 60,000 | 40,000 | 11.19 (284.18) | 2 (50.8) |
| JCY-25E | 25 | 5500 | Single | 60,000 | 40,000 | 11.19 (284.18) | 2 (50.8) |

Contact Bussmann for the latest product information on E-Rated fuses for transformer and feeder protection. Recommended fuseclips: see page 120 - 1A0065, 9078A67G04, A3354730