# Fuse Class Dimensions & Ratings

UL Classes J, RK1, RK5 & CC | U.S. industrial identification reference

**IDENTIFICATION AID ONLY - matching size or amp rating does not approve substitution.**

## 01 Class ratings & verified Eaton Bussmann series examples

| CLASS | AC CLASS RANGE | SERIES EXAMPLE | SERIES VAC | AC IR* | RESPONSE |
|---|---|---|---|---|---|
| J | 600 V / <=600 A | LPJ-SP | 600 V | 300 kA | Time-delay |
| RK1 | 250/600 V / <=600 A | LPS-RK-SP | 600 V | 300 kA | Time-delay |
| RK5 | 250/600 V / <=600 A | FRS-R | 600 V | 200 kA | Time-delay |
| CC | 600 V / <=30 A | LP-CC | 600 V | 200 kA | Time-delay |

*AC interrupting ratings shown are examples for the specified Eaton series, not universal UL class ratings. Verify the exact catalog number, ratings, and time-current curve.

## 02 Physical dimensions - Eaton representative ferrule styles

| CLASS | AMP BAND | 250 V LENGTH | 250 V DIA. | 600 V LENGTH | 600 V DIA. |
|---|---|---|---|---|---|
| CC | Up to 30 A | -- | -- | 1.50 in | 0.41 in |
| J | 1-30 A | -- | -- | 2.25 in | 0.81 in |
| J | 35-60 A | -- | -- | 2.38 in | 1.06 in |
| RK1 / RK5 | Up to 30 A | 2.00 in | 0.56 in | 5.00 in | 0.81 in |
| RK1 / RK5 | 35-60 A | 3.00 in | 0.81 in | 5.50 in | 1.06 in |

Dimensions above apply to the indicated small-ampere Eaton styles (nominal catalog drawings). Larger 70-600 A J/RK fuses may use blade ends and different dimensions. Confirm fuseholder and exact datasheet.

## 03 Four checks before replacement or ordering

**01 EXACT IDENTIFICATION**
Class, manufacturer, series, complete catalog number.

**02 ELECTRICAL RATINGS**
Voltage, amps, AC interrupting rating; DC if applicable.

**03 PROTECTION BEHAVIOR**
Time-current response, inrush, coordination and duty.

**04 PHYSICAL COMPATIBILITY**
Rejection feature, end style, dimensions and fuseholder.

**NEED TO IDENTIFY A DISCONTINUED FUSE?**

Send label photos, full part number, voltage, amperes and quantity to JW Electrical Supply.

Sources: Eaton Bussmann Fuseology #10757; Full Line Catalog #1007, Sec. 01.

Reference only. Qualified personnel must confirm listing, application and applicable code requirements.