

# JJS Limitron™ 600Vac, 1-800A, fast-acting Class T fuses

RoHS

**Catalog Symbol:**

- JJS-(amp)

**Description:**

Eaton's Bussmann™ series Limitron™ advanced protection Class T current-limiting, fast-acting fuses.

**Specifications:****Ratings**

- Volts — 600 Vac
- Amps — 1-800 A
- IR — 200 kA Vac RMS Sym.

**Agency Information**

- UL® Listed, Std. 248-15, Class T, Guide JDDZ, File E4273
- CSA® Certified, C22.2 No. 248.15, Class 1422-02, File 53787
- CE
- RoHS complaint

**Catalog numbers (amps)**

|        |        |         |         |
|--------|--------|---------|---------|
| JJS-1  | JJS-30 | JJS-90  | JJS-250 |
| JJS-2  | JJS-35 | JJS-100 | JJS-300 |
| JJS-3  | JJS-40 | JJS-110 | JJS-350 |
| JJS-6  | JJS-45 | JJS-125 | JJS-400 |
| JJS-10 | JJS-50 | JJS-150 | JJS-450 |
| JJS-15 | JJS-60 | JJS-175 | JJS-500 |
| JJS-20 | JJS-70 | JJS-200 | JJS-600 |
| JJS-25 | JJS-80 | JJS-225 | JJS-800 |

**Carton quantity**

| Amp rating | Carton qty. |
|------------|-------------|
| Up to 60   | 10          |
| 70-100     | 5           |
| 110-800    | 1           |

**Features:**

- Provides 10X better current limitation to help prevent equipment damage caused by short-circuit events.
- 200 kA Interrupting rating complies with NEC® Section 110.9 for today's large capacity systems.
- Fast-acting fuse helps prevent equipment damage caused by short-circuit events.
- Small, space-saving fuses provide a high degree of current limitation on short-circuits for excellent component protection.
- Ideal for critical industrial or commercial applications that have specific current limitation requirements.

**Recommended fuse blocks\***

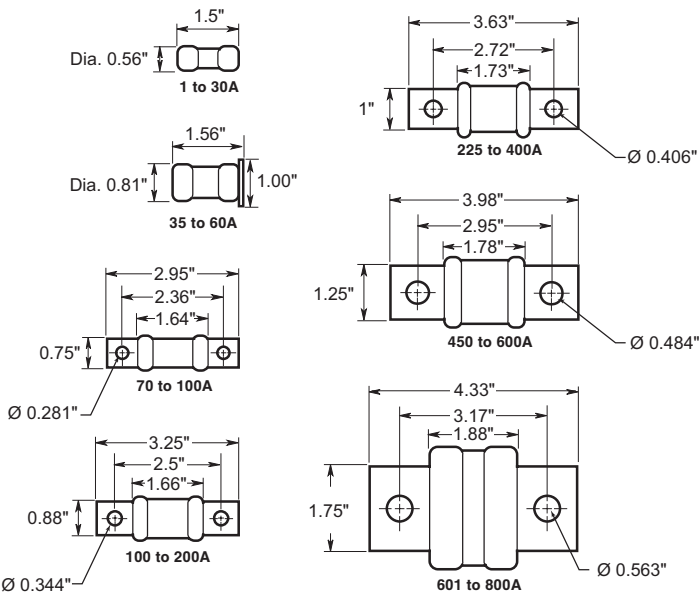
| Amp rating | 1-pole    | 2-pole    | 3-pole    |
|------------|-----------|-----------|-----------|
| up to 30   | T60030-1_ | T60030-2_ | T60030-3_ |
| 35-60      | T60060-1_ | T60060-2_ | T60060-3_ |
| 70-100     | T60100-1_ | T60100-2_ | T60100-3_ |
| 110-200    | T60200-1_ | —         | 1B0089    |
| 225-400    | T60400-1_ | —         | —         |
| 450-600    | T60600-1_ | —         | —         |

\* For additional information, see data sheet no. 1116.

**EATON**

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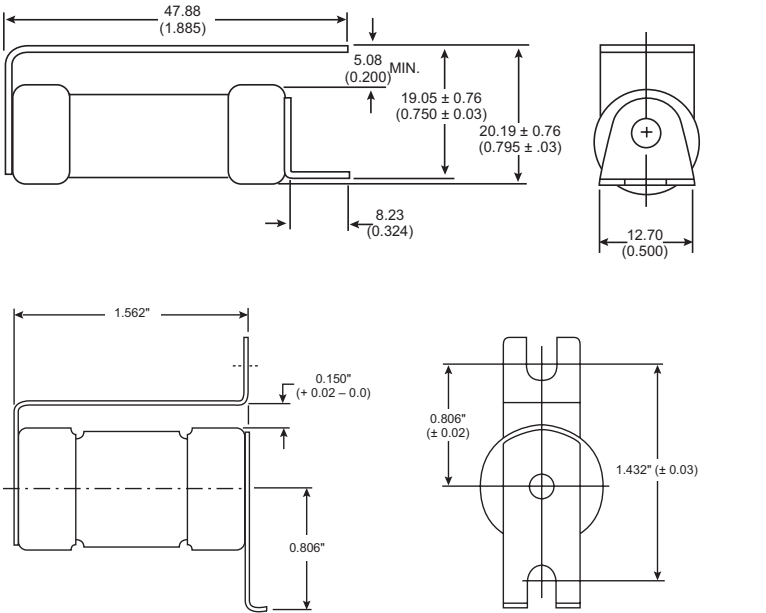
Dimensions – in



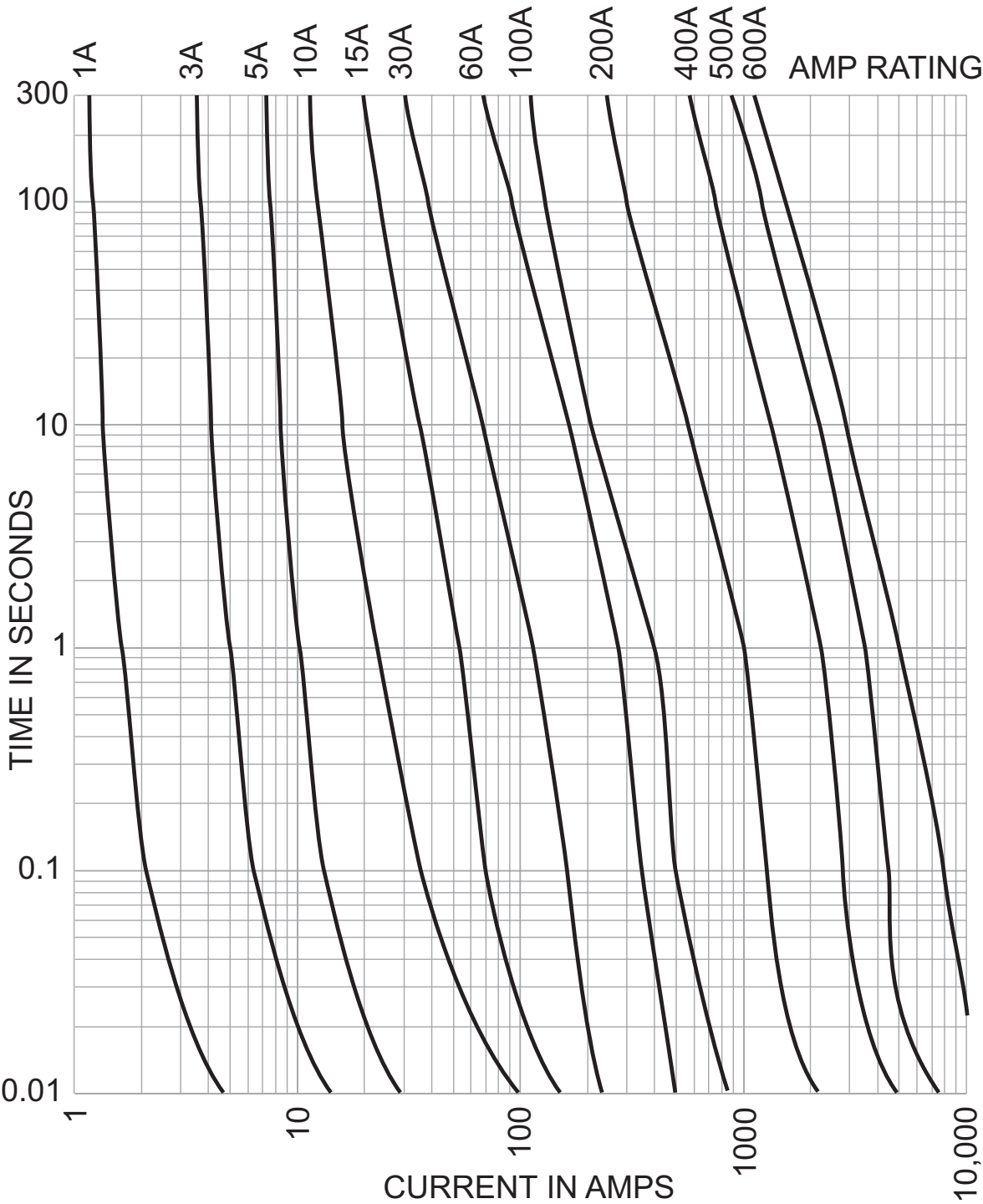
Custom designs

Printed circuit board versions available up to 60 amps. Consult your Bussmann series product representative for details.  
UL Component Recognized, Guide JFHR2, File E56412.

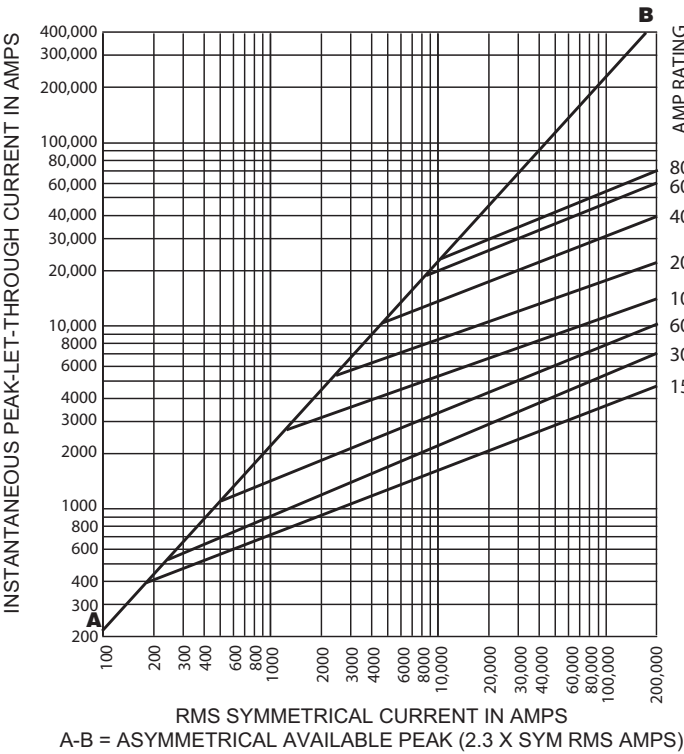
Dimensions - in



Time-current curves - average melt



Current-limitation curves



Current-limiting effects

| Prospect. | Let-through current (apparent RMS Sym. vs. fuse rating) |      |      |      |      |        |        |        |
|-----------|---------------------------------------------------------|------|------|------|------|--------|--------|--------|
| S.C.C.    | 15A                                                     | 30A  | 60A  | 100A | 200A | 400A   | 600A   | 800A   |
| —         | 500                                                     | 1000 | 1000 | 1000 | 1000 | 1000   | 1000   | 1000   |
| 500       | 1000                                                    | 1000 | 1000 | 1000 | 1000 | 1000   | 1000   | 1000   |
| 1000      | 1000                                                    | 1000 | 1000 | 1000 | 1000 | 1000   | 1000   | 1000   |
| 5000      | 1000                                                    | 1000 | 1000 | 1000 | 2000 | 3000   | 4000   | 5000   |
| 10,000    | 1000                                                    | 1000 | 1000 | 1000 | 2000 | 3000   | 6000   | 8000   |
| 15,000    | 1000                                                    | 1000 | 1000 | 2000 | 3000 | 4000   | 7000   | 10,000 |
| 20,000    | 1000                                                    | 1000 | 2000 | 3000 | 4000 | 7000   | 10,000 | 12,000 |
| 25,000    | 1000                                                    | 1000 | 2000 | 3000 | 5000 | 7000   | 11,000 | 13,000 |
| 30,000    | 1000                                                    | 1000 | 2000 | 3000 | 5000 | 8000   | 12,000 | 14,000 |
| 35,000    | 1000                                                    | 1000 | 2000 | 3000 | 5000 | 9000   | 13,000 | 15,000 |
| 40,000    | 1000                                                    | 2000 | 2000 | 4000 | 5000 | 9000   | 13,000 | 15,000 |
| 50,000    | 1000                                                    | 2000 | 2000 | 4000 | 6000 | 10000  | 14,000 | 17,000 |
| 60,000    | 1000                                                    | 2000 | 3000 | 4000 | 6000 | 10000  | 16,000 | 18,000 |
| 70,000    | 1000                                                    | 2000 | 3000 | 4000 | 7000 | 11000  | 17,000 | 19,000 |
| 80,000    | 1000                                                    | 2000 | 3000 | 4000 | 7000 | 11000  | 17,000 | 20,000 |
| 90,000    | 1000                                                    | 2000 | 3000 | 4000 | 7000 | 12000  | 18,000 | 21,000 |
| 100,000   | 2000                                                    | 2000 | 3000 | 5000 | 7000 | 12,000 | 19,000 | 22,000 |
| 150,000   | 2000                                                    | 3000 | 4000 | 6000 | 8000 | 14,000 | 22,000 | 25,000 |
| 200,000   | 2000                                                    | 3000 | 4000 | 6000 | 9000 | 16,000 | 24,000 | 28,000 |

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