

# LOW-PEAK®

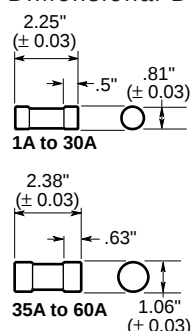
## Dual-Element Time-Delay Fuses

### Class J – 600 Volt

LPJ  
1-60 Amps



#### Dimensional Data



Catalog Symbol: LPJ\_SP

Dual-Element, Time-Delay – 10 seconds (minimum) at 500% rated current

Current-Limiting

Ampere Rating: 1 to 60A

Voltage Rating: 600Vac (or less)

300Vdc (or less)

Interrupting Rating: 300,000A RMS Sym. (UL)

100,000A dc

Agency Information:

UL Listed — Special Purpose\*, Guide JFHR, File E56412

CSA Certified, 200,000 AIR, Class J per CSA 22.2 No. 248.8

Class 1422-02, File 53787

\*Meets all performance requirements of UL Standard 248-8 for Class J fuses.

#### Catalog Symbol and Ampere Ratings

|          |          |           |          |
|----------|----------|-----------|----------|
| LPJ-1SP  | LPJ-3SP  | LPJ-7SP   | LPJ-25SP |
| LPJ-1¼SP | LPJ-3½SP | LPJ-8SP   | LPJ-30SP |
| LPJ-1⅝SP | LPJ-3¾SP | LPJ-9SP   | LPJ-35SP |
| LPJ-1⅞SP | LPJ-4SP  | LPJ-10SP  | LPJ-40SP |
| LPJ-2SP  | LPJ-4½SP | LPJ-12SP  | LPJ-45SP |
| LPJ-2¼SP | LPJ-5SP  | LPJ-15SP  | LPJ-50SP |
| LPJ-2½SP | LPJ-5½SP | LPJ-17½SP | LPJ-60SP |
| LPJ-2⅞SP | LPJ-6SP  | LPJ-20SP  |          |

#### Carton Quantity and Weight

| Ampere Ratings | Carton Qty. | Weight** |       |
|----------------|-------------|----------|-------|
|                |             | Lbs.     | Kg.   |
| 1-30           | 10          | 1.09     | 0.494 |
| 35-60          | 10          | 1.78     | 0.808 |

\*\*Weight per carton.

CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000Vac, 75-1500Vdc). Refer to Data Sheet: 8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

#### General Information:

- True dual-element fuses with a minimum 10 second time-delay at 500% overload.
- Long time-delay minimizes needless fuse openings due to temporary overloads and transient surges.
- Can often be sized for back-up protection against motor burnout from overload or single-phasing if other overload protective devices fail.
- High interrupting rating to safely interrupt overcurrents up to 300,000A.
- High degree of current limitation due to the fast speed-of-response to short-circuits.
- Faster response to damaging short-circuit currents than mechanical overcurrent protective devices.
- Reduces let-through thermal and magnetic forces in order to protect low withstand rated components.
- Proper sizing provides "no damage" Type "2" coordinated protection for NEMA and IEC motor control in accordance with IEC Standard 947-4-1.
- Dual-element fuses have lower resistance than ordinary fuses so they run cooler.
- Lower watts loss reduces power consumption.
- Unique dimensions assure that another class of fuse with a lesser voltage rating, interrupting rating or current-limiting ability cannot be substituted.
- Space-saving package for equipment down sizing.



Recommended fuseblocks/fuseholders for Class J 600V fuses

See Data Sheets listed below

- Finger-safe fuseholders - 1152
- Open fuseblocks - 1114
- Open pyramid fuseblocks - 1108

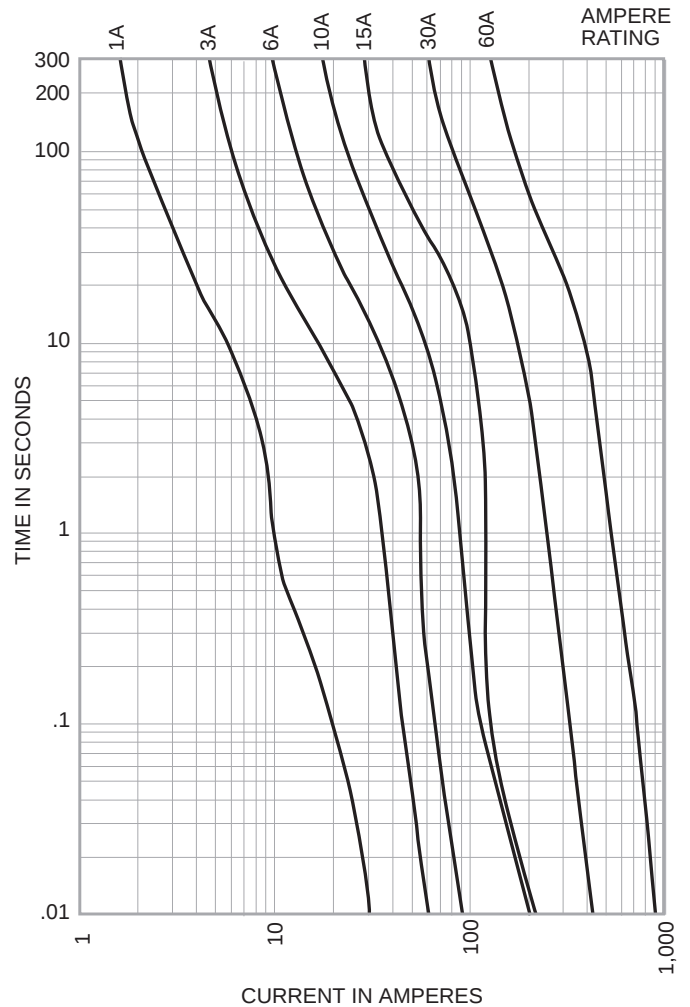
# LOW-PEAK®

## Dual-Element Time-Delay Fuses

### Class J – 600 Volt

LPJ  
1-60 Amps

Time-Current Characteristic Curves—Average Melt



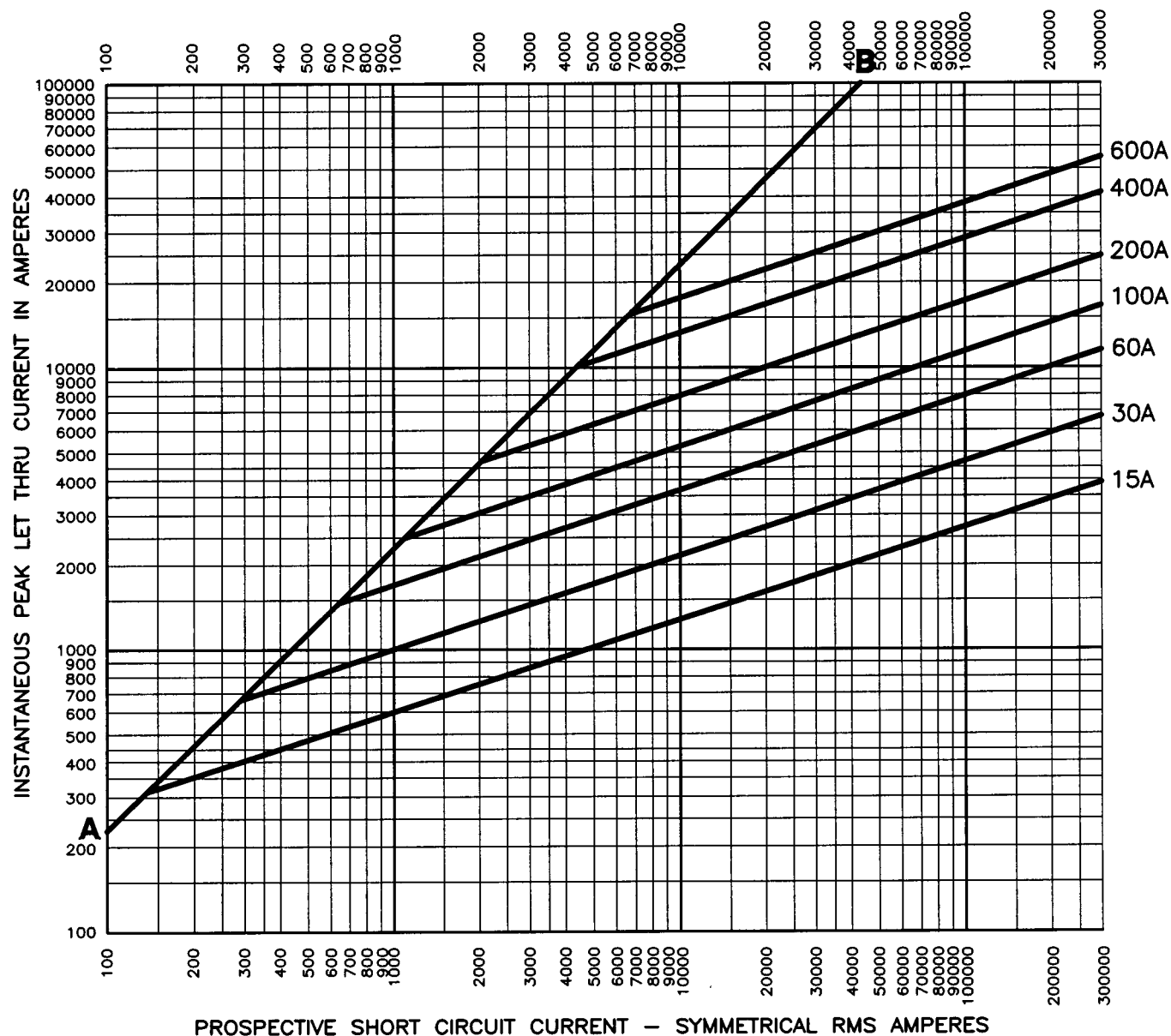
## LOW-PEAK®

Dual-Element Time-Delay Fuses  
Class J – 600 Volt

LPJ

1-60 Amps

## Current Limitation Curves



The only controlled copy of this Data Sheet is the electronic read-only version located on the Bussmann Network Drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Bussmann reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Bussmann also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9