# LOW-PEAK®

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

# LPJ

## 70 to 600A


Catalog Symbol: LPJ-_SP
Dual-Element, Time-Delay – 10 seconds (minimum) at 500% rated current
Current-Limiting
Ampere Rating: 70 to 600A
Voltage Rating: 600Vac (or less)*
Interrupting Rating: 300,000A RMS Sym.
Agency Information:
UL Listed – Special Purpose†, Guide JFHR, File E56412
CSA Certified, Class J per CSA C22.2 No. 248.8, Class 1422-02, File 53787

*0-600A rated 300Vdc and 20 KAIC.
†Meets all performance requirements of UL Standard 248-8 for Class J fuses.

Catalog Symbol and Ampere Ratings

| | | | |
|---|---|---|---|
| LPJ-70SP | LPJ-125SP | LPJ-250SP | LPJ-500SP |
| LPJ-80SP | LPJ-150SP | LPJ-300SP | LPJ-600SP |
| LPJ-90SP | LPJ-175SP | LPJ-350SP | — |
| LPJ-100SP | LPJ-200SP | LPJ-400SP | — |
| LPJ-110SP | LPJ-225SP | LPJ-450SP | — |

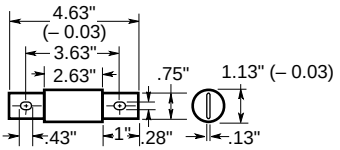
Carton Quantity and Weight

| Ampere Ratings | Carton Qty. | Weight* Lbs. | Weight* Kg. |
|---|---|---|---|
| 70–100 | 5 | 1.69 | 0.767 |
| 110–200 | 5 | 4.21 | 1.910 |
| 225–400 | 1 | 1.67 | 0.758 |
| 450–600 | 1 | 2.80 | 1.270 |

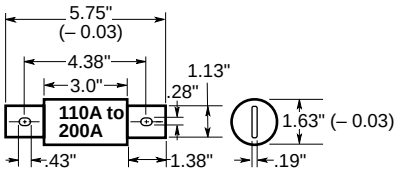
*Weight per carton.

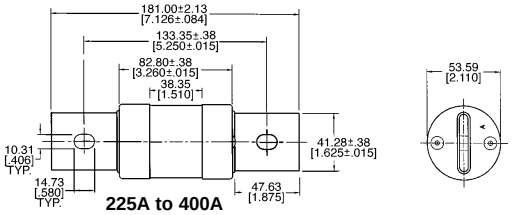
CE CE logo denotes compliance with European Union Low Voltage Directive (50-1000Vac, 75-1500Vdc). Refer to Data Sheet: 8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

**Dimensional Data**

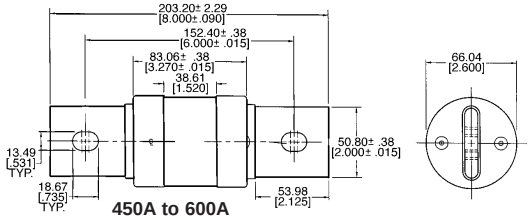



**70A to 100A**




**225A to 400A**




**450A to 600A**

General Information:

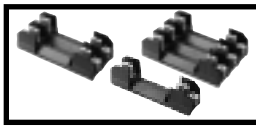
- True dual-element fuses with a minimum 10 second time-delay at 500% overload.
- Long time-delay minimizes needless fuse openings due to temporary overloads and transient surges.
- Can often be sized for back-up protection against motor burnout from overload or single-phasing if other overload protective 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, hence 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.

# LOW-PEAK®

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

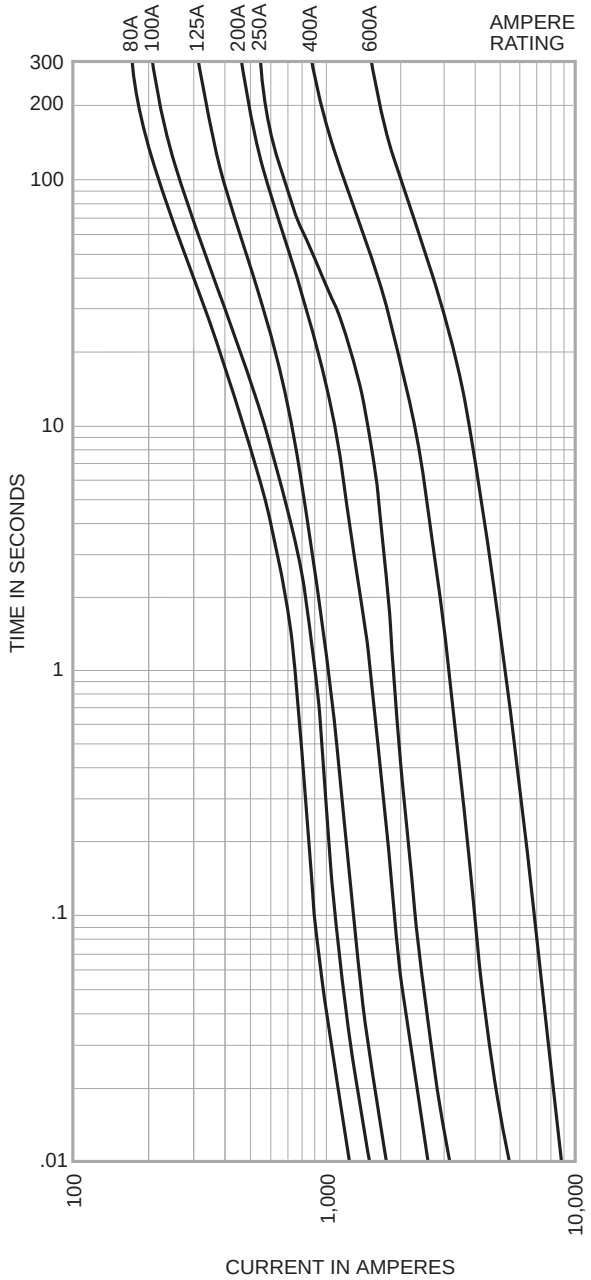
# LPJ

## 70-600A



Recommended fuseblocks for
Class J 600V fuses
See Data Sheet: 1114

Time-Current Characteristic Curves–Average Melt



# LOW-PEAK®

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

LPJ
70-600A

### Current-Limitation Curves