

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	—

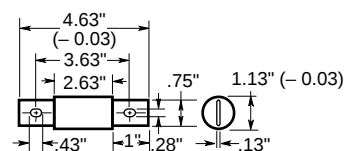
Carton Quantity and Weight

Ampere Ratings	Carton Qty.	Weight*	
		Lbs.	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

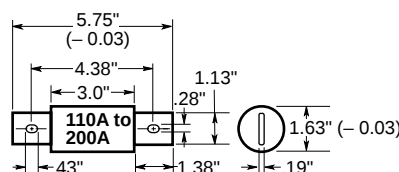
*Weight per carton.

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.

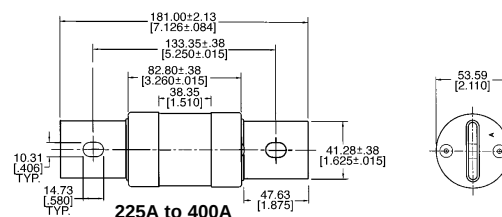
Dimensional Data



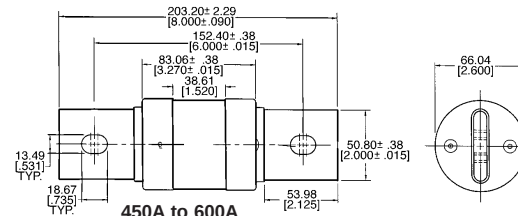
70A to 100A



110A to 200A



225A to 400A



450A to 600A

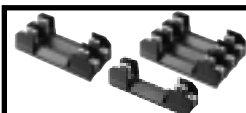
General Information:

- 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.

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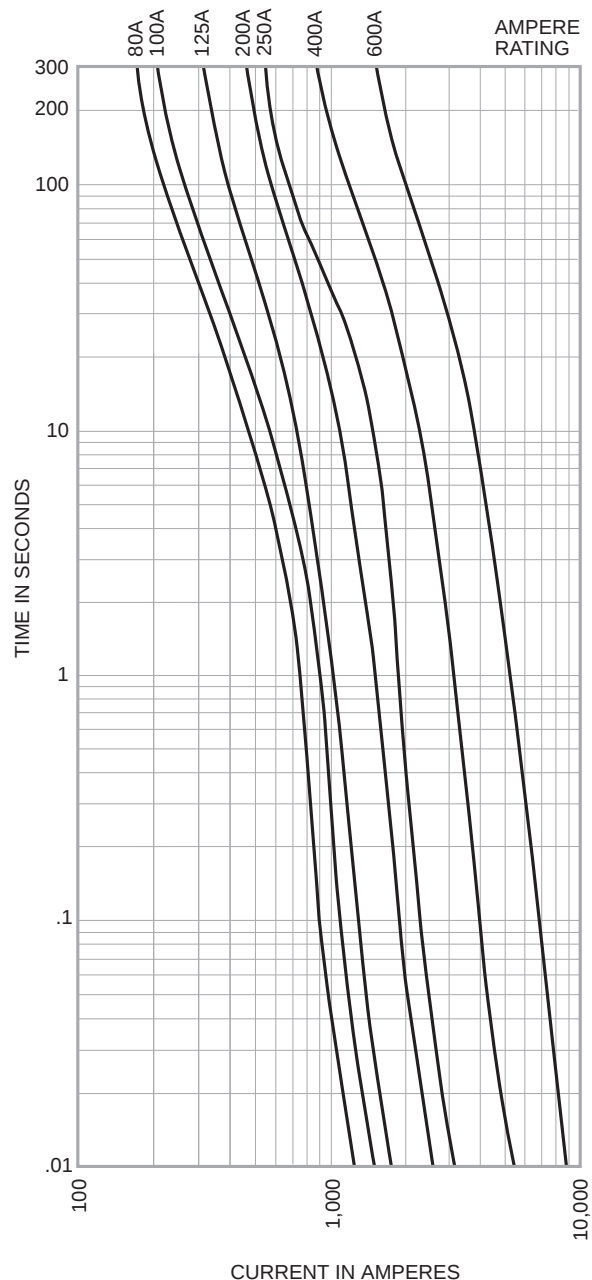
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Recommended fuseblocks for
Class J 600V fuses
See Data Sheet: 1114

Time-Current Characteristic Curves—Average Melt



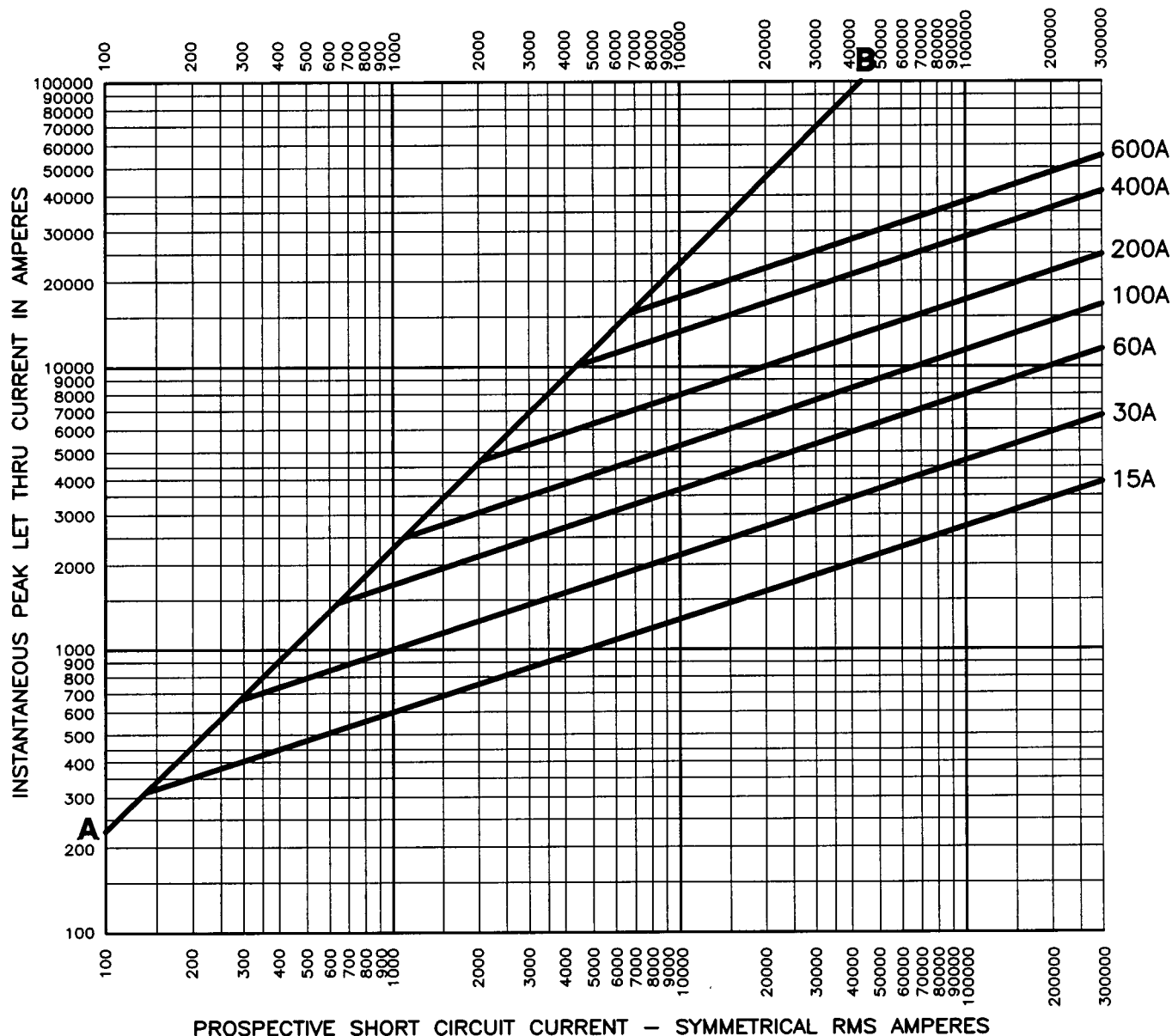
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Current-Limitation Curves



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