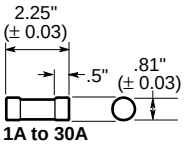
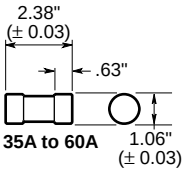
LOW-PEAK®
Dual-Element Time-Delay Fuses
Class J – 600 Volt

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-3-²⁄₁₀SP	LPJ-8SP	LPJ-30SP
LPJ-1-⁶⁄₁₀SP	LPJ-3½SP	LPJ-9SP	LPJ-35SP
LPJ-1-⁸⁄₁₀SP	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-5⁶⁄₁₀SP	LPJ-17½SP	LPJ-60SP
LPJ-2⁸⁄₁₀SP	LPJ-6SP	LPJ-20SP	

Carton Quantity and Weight

Ampere Ratings	Carton Qty.	Weight** Lbs.	Weight** 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

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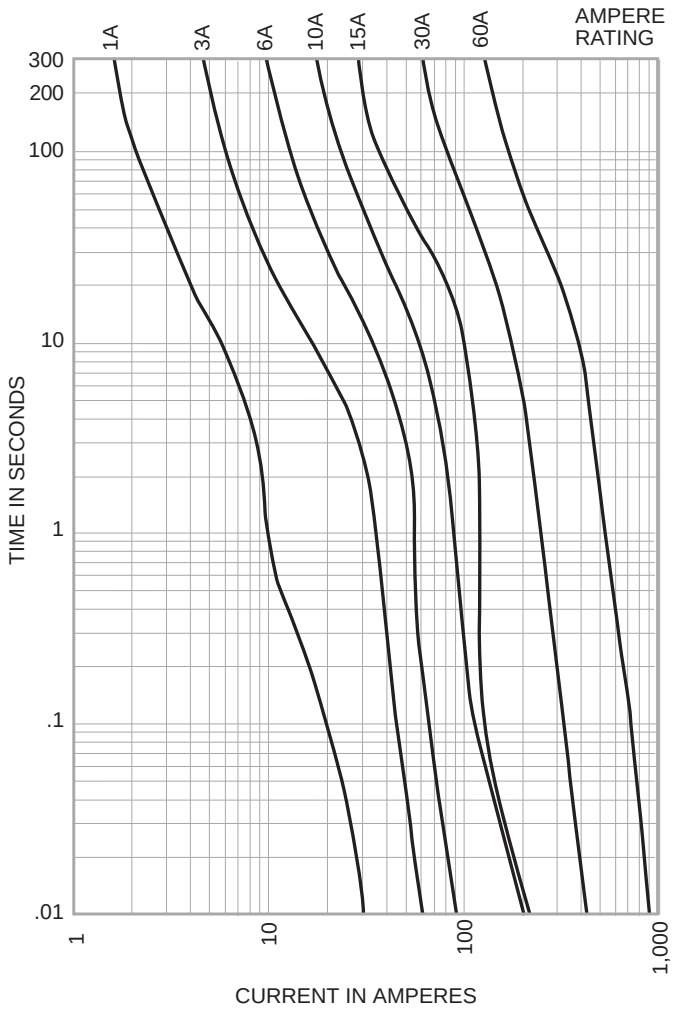
Time-Current Characteristic Curves–Average Melt



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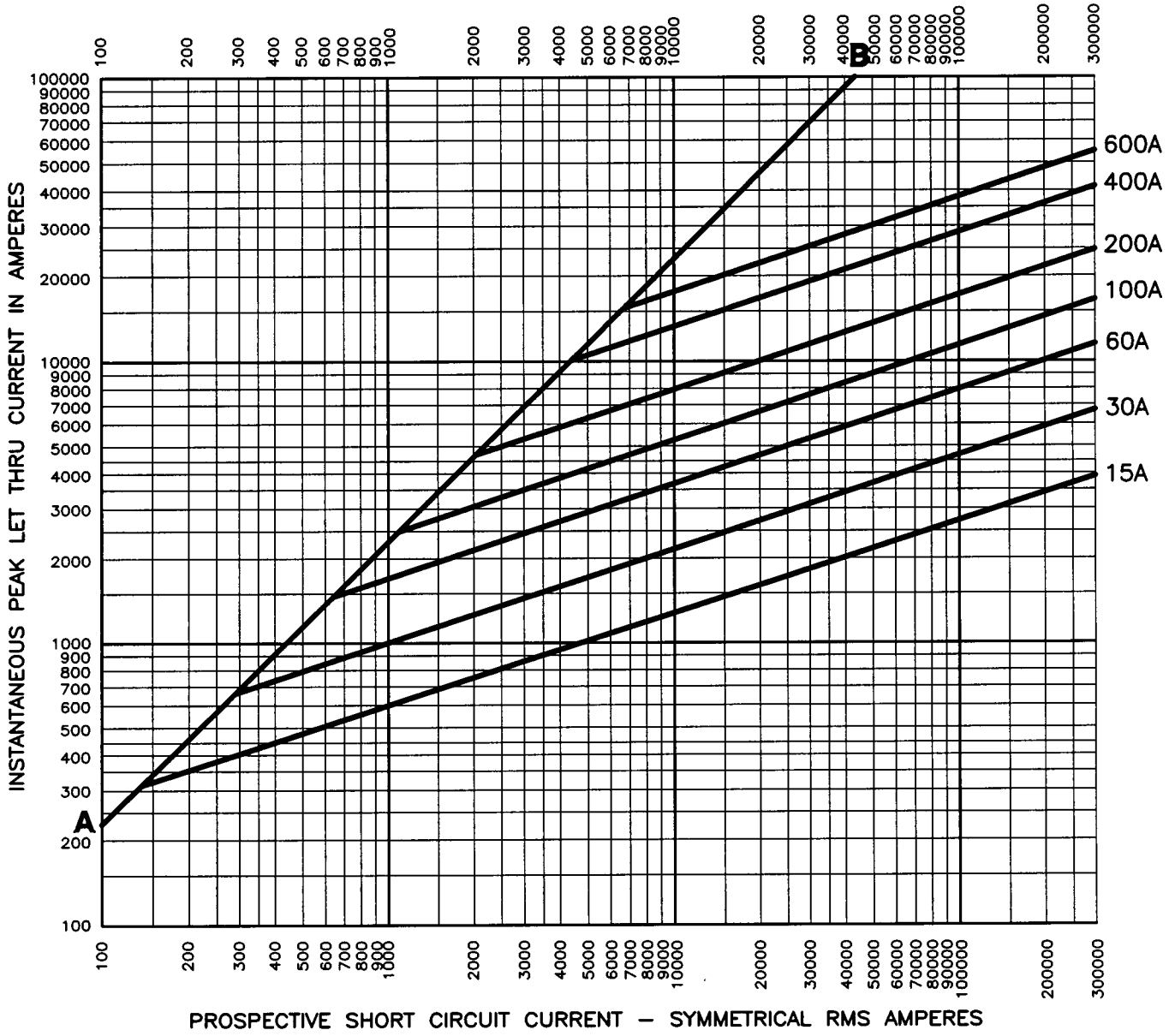
Current Limitation Curves



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