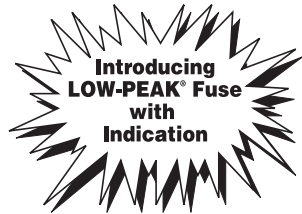
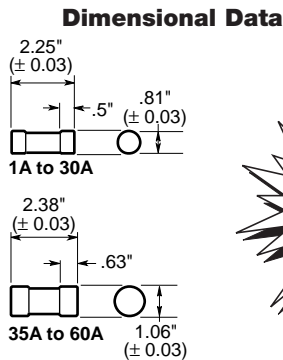


# LOW-PEAK® Dual-Element Time-Delay Fuses Class J – 600 Volt

## LPJ\_SPI 6-60 Amps



**Catalog Symbol:** LPJ\_SPI

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

Current-Limiting

**Ampere Rating:** 6 to 60A

**Voltage Rating:** 600Vac (or less)  
300Vdc (or less): 35-60A

**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-6SPI	LPJ-10SPI	LPJ-20SPI	LPJ-40SPI
LPJ-7SPI	LPJ-12SPI	LPJ-25SPI	LPJ-45SPI
LPJ-8SPI	LPJ-15SPI	LPJ-30SPI	LPJ-50SPI
LPJ-9SPI	LPJ-17½SPI	LPJ-35SPI	LPJ-60SPI

**Carton Quantity and Weight**

Ampere Ratings	Carton Qty.	Weight**	
		Lbs.	Kg.
6-30	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:**

- Permanent fuse Indication.
- 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**

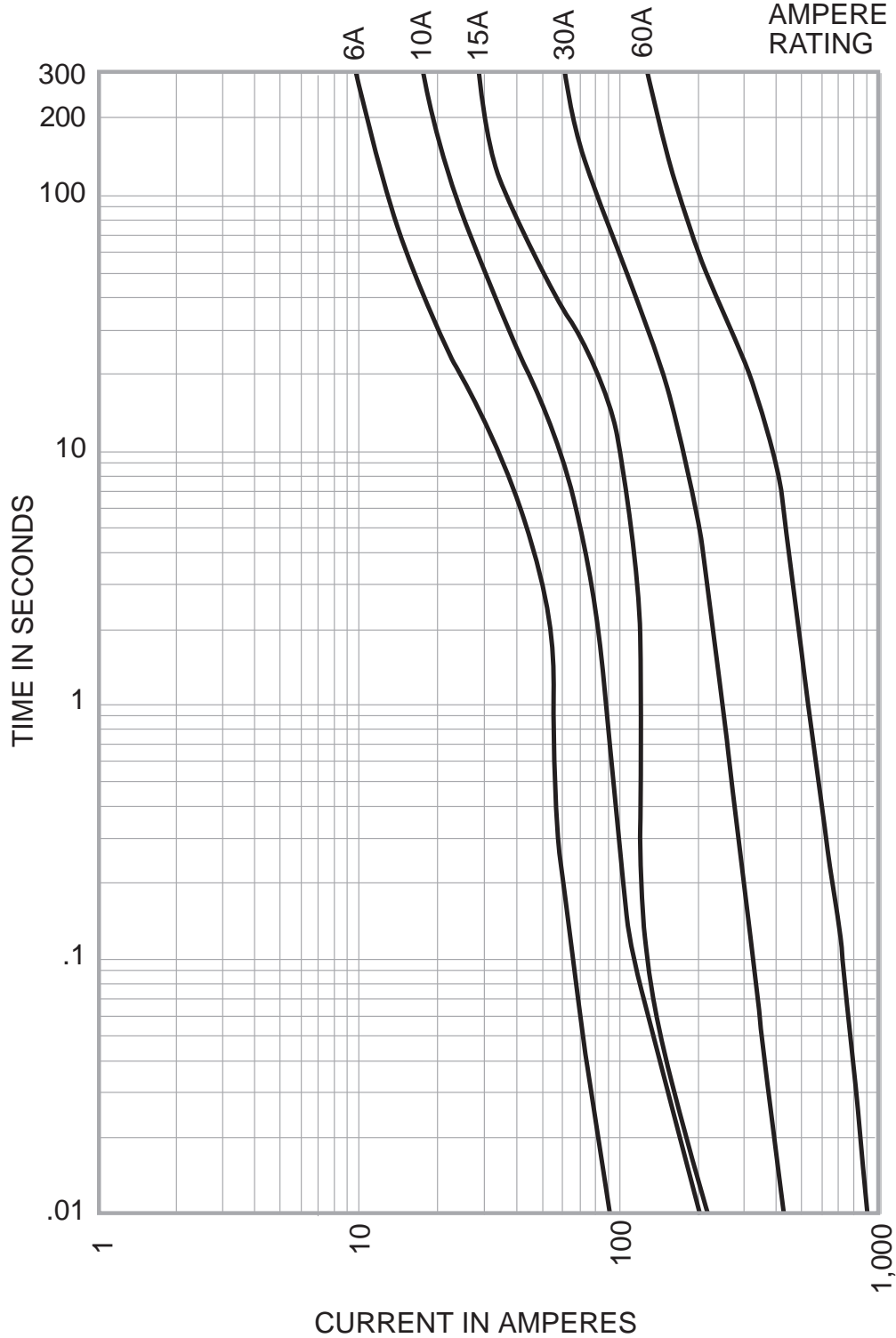
- Finger-safe fuseholders - 1152
- Open fuseblocks - 1114
- Open pyramid fuseblocks - 1108

**For non-indicating version, the LPJ\_SP is available. See Data Sheet: 1006**

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

**LPJ\_SPI**  
**6-60 Amps**

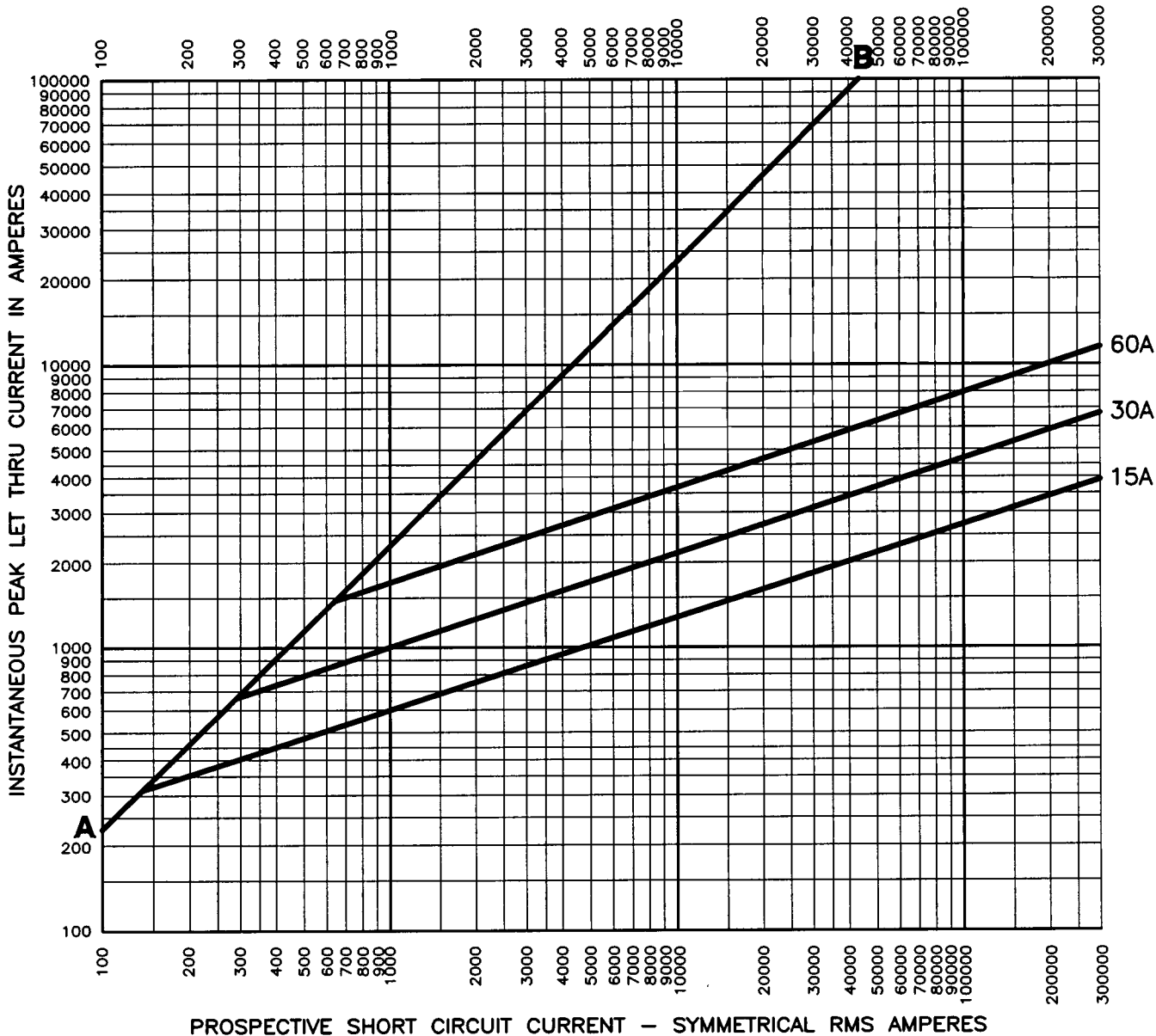
**Time-Current Characteristic Curves—Average Melt**



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

**LPJ\_SPI**  
**6-60 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.