

# 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**



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

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

**Current Limitation Curves**



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