

Low Voltage, Branch Circuit Rated Fuses

Low-Peak® dual-element, time-delay fuses

Low Voltage
Branch
Circuit
Fuses

LPJ_SP Class J

**Now Available
With Optional
Indication**



Specifications

Description:

Dual-element, time-delay fuse;
10 seconds (minimum) at 500% rated amps. Now
available with optional permanent indication on
select ratings (see Catalog Numbers table).

Dimensions: See page 11 for Class J dimensions.

Construction: Copper fuse element.

Ratings:

- Volts — 600Vac (or less)
- 300Vdc (or less)
- Amps — 1-600A
- IR — 300,000A RMS Sym.
- 100,000A dc

Agency Information: CE, 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.

Features and Benefits

- Separate overload and short-circuit elements provide time delay for sizing of high inrush loads linked with Class J current limitation.
- Selective coordination ratio of 2:1 (within Low-Peak fuse family) prevents electrical shutdowns from extending beyond the failed circuit.
- Series combination ratings with branch circuit breakers allows broad range of coverage, independent of breaker manufacturer.

Typical Applications

- Power Panelboards
- Branch Circuit Breaker Panelboard Mains
- Machinery Disconnects
- Industrial Control

Catalog Numbers (Amps)

LPJ-1SP	LPJ-4 1/2SP	LPJ-25SP**	LPJ-125SP**
LPJ-1 1/4SP	LPJ-5SP	LPJ-30SP**	LPJ-150SP**
LPJ-1 1/2SP	LPJ-5 5/8SP	LPJ-35SP**	LPJ-175SP**
LPJ-1 3/4SP	LPJ-6SP**	LPJ-40SP**	LPJ-200SP**
LPJ-2SP	LPJ-7SP**	LPJ-45SP**	LPJ-225SP**
LPJ-2 1/2SP	LPJ-8SP**	LPJ-50SP**	LPJ-250SP**
LPJ-2 3/4SP	LPJ-9SP**	LPJ-60SP**	LPJ-300SP**
LPJ-2 5/8SP	LPJ-10SP**	LPJ-70SP**	LPJ-350SP**
LPJ-3SP	LPJ-12SP**	LPJ-80SP**	LPJ-400SP**
LPJ-3 1/2SP	LPJ-15SP**	LPJ-90SP**	LPJ-450SP**
LPJ-3 3/4SP	LPJ-17 1/2SP**	LPJ-100SP**	LPJ-500SP**
LPJ-4SP	LPJ-20SP**	LPJ-110SP**	LPJ-600SP**

*Meets all performance requirements of UL Standard 248-8 for Class J fuses.

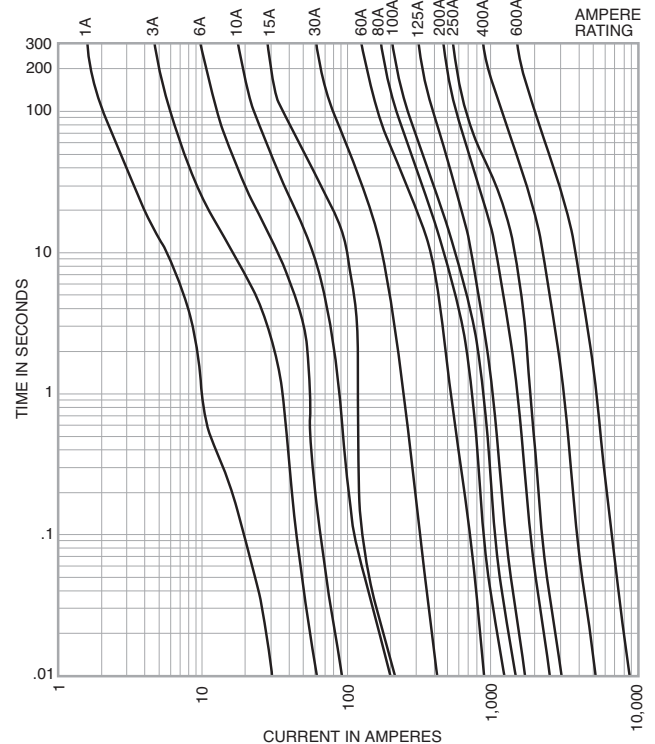
**Available with optional permanent replace fuse indication. To order, place "I" at end of catalog number. Example: LPJ-6SPI.

Available with silver plated terminals. Add SP/ in front of Catalog Number.

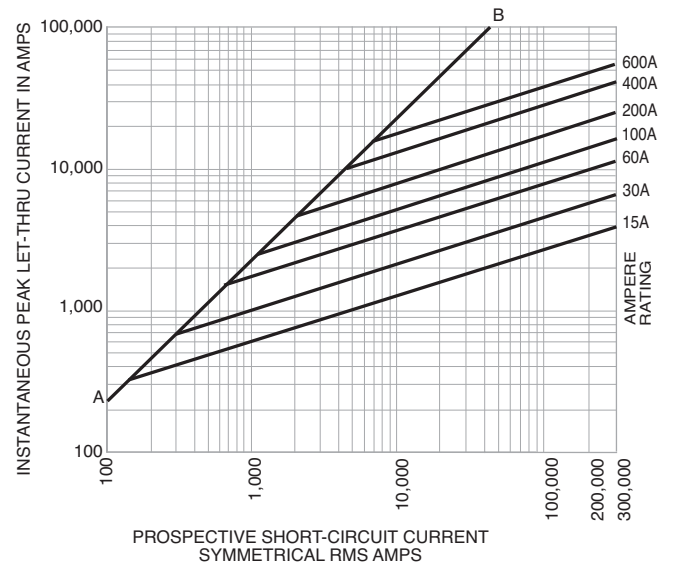
Data Sheets: 1006 (0-60) and 1007 (70-600)

With indication 1062 (6-60) and 1063 (70-600)

Time-Current Characteristic Curves—Average Melt



Current Limitation Curves



Recommended Fuse Holders & Blocks For Class J 600V Fuses

- See page 10