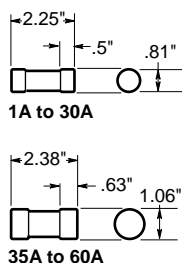


Low-Peak® Dual-Element Time-Delay Fuses Class J – 600 Volt

**LPJ
0-60 Amps**



Dimensional Data



CATALOG SYMBOL LPJ- _SP
DUAL-ELEMENT, TIME-DELAY-10 SECONDS (MINIMUM)
AT 500% RATED CURRENT
CURRENT-LIMITING
1-60 AMPERES
600 VOLTS AC (OR LESS)
INTERRUPTING RATING-300,000A RMS SYM. (U.L.)
U.L. LISTED-SPECIAL PURPOSE**
(GUIDE # JFHR, FILE # E56412)
CSA (200,000 AIR) Class J per CSA-22.2 No.248.8
(CLASS 1422-02; FILE 53787) HRCI-J

Catalog Symbol and Ampere Ratings

| | | | |
|--------------|--------------|--------------|----------|
| LPJ-1SP | LPJ-3SP | LPJ-7SP | LPJ-25SP |
| LPJ-1-1/4SP | LPJ-3-2/10SP | LPJ-8SP | LPJ-30SP |
| LPJ-1-6/10SP | LPJ-3-1/2SP | LPJ-9SP | LPJ-35SP |
| LPJ-1-8/10SP | LPJ-4SP | LPJ-10SP | LPJ-40SP |
| LPJ-2SP | LPJ-4-1/2SP | LPJ-12SP | LPJ-45SP |
| LPJ-2-1/4SP | LPJ-5SP | LPJ-15SP | LPJ-50SP |
| LPJ-2-1/2SP | LPJ-5-6/10SP | LPJ-17-1/2SP | LPJ-60SP |
| LPJ-2-8/10SP | LPJ-6SP | LPJ-20SP | |

***Carton Quantity and Weight-LOW-PEAK LPJ Fuses**

| Ampere Ratings | Carton Qty | Weight* | |
|----------------|------------|---------|-------|
| | | Lbs. | Kg. |
| 0-30 | 10 | 1.09 | 0.494 |
| 35-60 | 10 | 1.78 | 0.808 |

*Weight per carton.

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

- 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 300,000 amperes.
- 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-thru 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.

**Pyramid® J Fuseblock;
30A, 600V; 3-Pole; Panel or 35mm DIN-Rail Mount**

| Mounting | Catalog Numbers | | |
|------------------------|----------------------------------|---------------------------------------|----------------------------|
| | Screws with Pressure Plate | Box Aluminum | Copper Only |
| Panel | JP60030-3PR (#10-14 Cu Wire) | JP60030-3CR (#2-8 Al or #2-14 Cu) | JP60030-3COR (#2-14 Cu) |
| With DIN-Rail Adapter* | JP60030-3PRA (#10-14 Cu Wire) | JP60030-3CRA (#2-8 Al or #2-14 Cu) | JP60030-CORA (#2-14 Cu) |

*Adapter Only for DIN-Rail (35mm symmetrical) - Cat No. JPA-3.

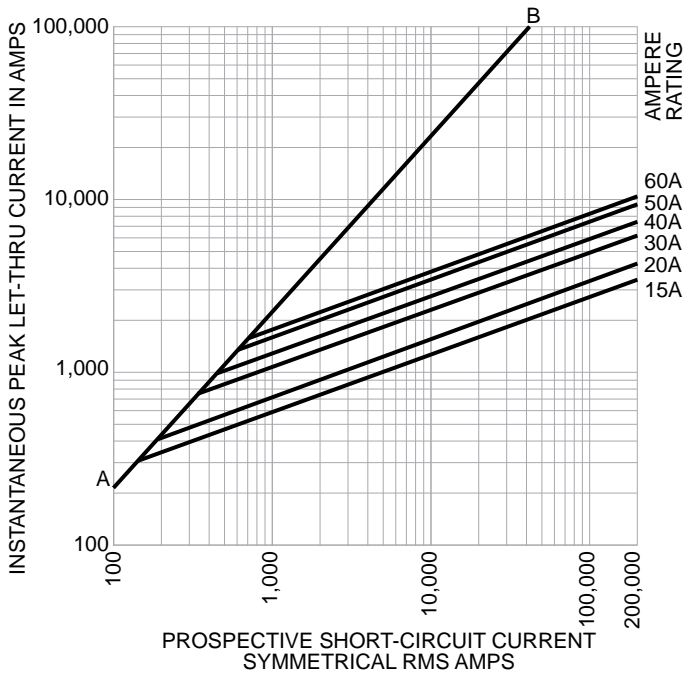
Standard J Fuseblocks (600V) Catalog Data

| Amps | Poles | Screw | Pressure Plate | Box Lug | Box Lug w/ Retaining Clip | Max. Wire Size |
|--------|-------|-----------|----------------|-----------|---------------------------|-----------------------------|
| 1/2-30 | 1 | J60030-1S | J60030-1P | J60030-1C | J60030-1CR | S,P, #10Cu C, CR #2Cu-Al |
| | 2 | J60030-2S | J60030-2P | J60030-2C | J60030-2CR | |
| | 3 | J60030-3S | J60030-3P | J60030-3C | J60030-3CR | |
| 31-60 | 1 | — | — | J60060-1C | J60060-1CR | #2Cu Al |
| | 2 | — | — | J60060-2C | J60060-2CR | |
| | 3 | — | — | J60060-3C | J60060-3CR | |

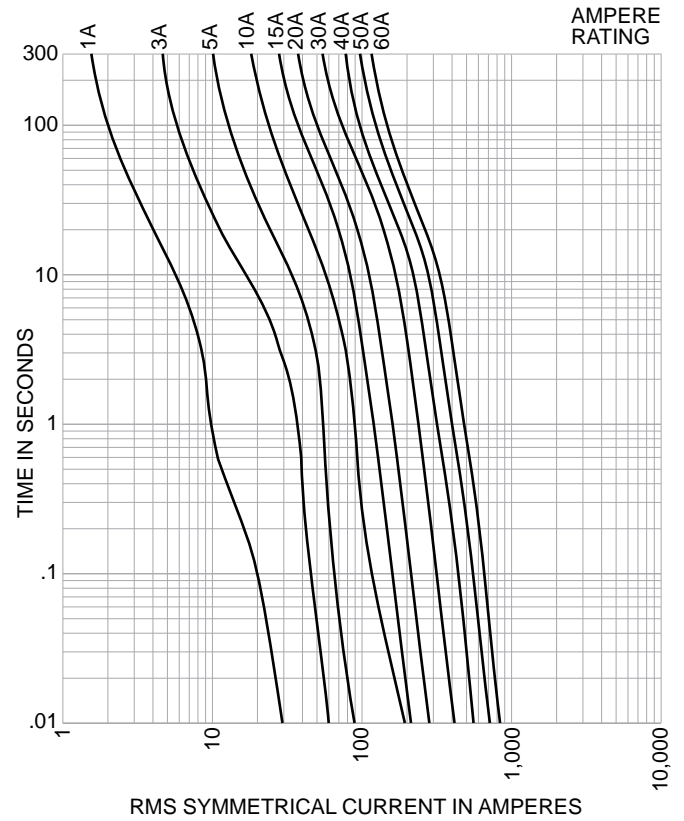
**Low-Peak®
Dual-Element Time-Delay Fuses
Class J - 600 Volt**

**LPJ
0-60 Amps**

Current Limitation Curves



Time-Current Characteristic Curves—Average Melt



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