

# LOW-PEAK®

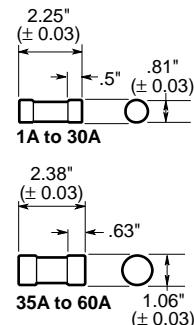
## Dual-Element Time-Delay Fuses

### Class J – 600 Volt

**LPJ**  
**1-60 Amps**



#### Dimensional Data



#### Catalog Symbol:

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

Current-Limiting

**Ampere Rating:** 1 to 60 Amperes

**Voltage Rating:** 600 Volts AC (or less)†

**Interrupting Rating:** 300,000A RMS Sym. (UL)

#### Agency Approval:

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

† 0-600A is rated 300 VDC and 20 KAIC.

\*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-1½SP	LPJ-3½SP	LPJ-8SP	LPJ-30SP
LPJ-1 6/10SP	LPJ-31/10SP	LPJ-9SP	LPJ-35SP
LPJ-1 8/10SP	LPJ-4SP	LPJ-10SP	LPJ-40SP
LPJ-2SP	LPJ-4½SP	LPJ-12SP	LPJ-45SP
LPJ-2½SP	LPJ-5SP	LPJ-15SP	LPJ-50SP
LPJ-2 ½/10SP	LPJ-5½SP	LPJ-17½SP	LPJ-60SP
LPJ-2 ½/10SP	LPJ-6SP	LPJ-20SP	

#### Carton Quantity and Weight

Ampere Ratings	Carton Qty.	Weight**
	Lbs.	Kg.
1-30	10	1.09
35-60	10	1.78

\*\*Weight per carton.

**CE** CE logo denotes compliance with European Union Low Voltage Directive (50-1000 VAC, 75-1500 VDC). Refer to BIF document #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 300,000 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-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.

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

Mounting	Catalog Numbers Screws with	Box	
		Pressure Plate	Aluminum
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.

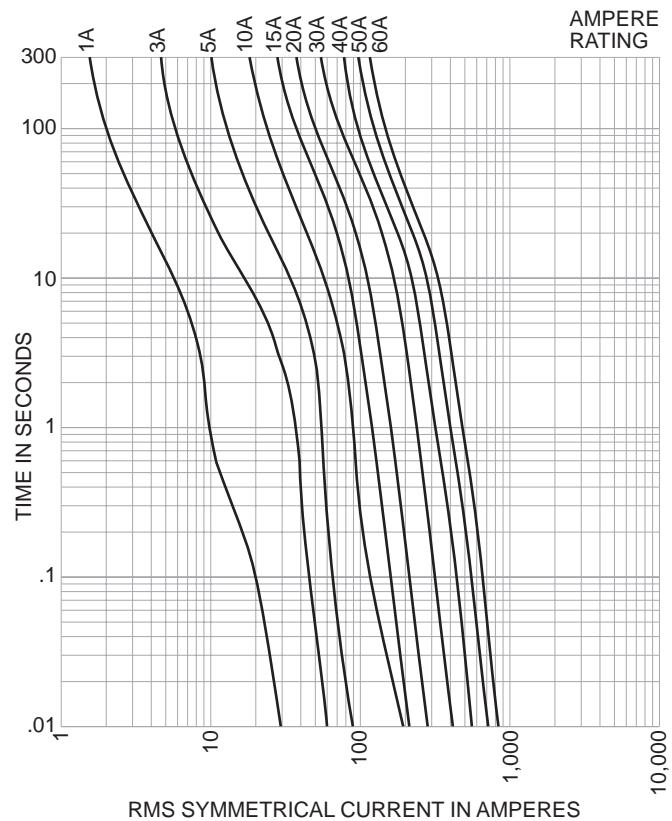
#### Standard J Fuseblocks (600V) Catalog Data

Amps	Poles	Screw	Pressure Plate	Box Lug	Box Lug w/ Retaining Clip	Max. Wire Size
1-30	1	J60030-1S	J60030-1P	J60030-1C	J60030-1CR	S, P #10Cu
	2	J60030-2S	J60030-2P	J60030-2C	J60030-2CR	C, CR #2Cu-Al
	3	J60030-3S	J60030-3P	J60030-3C	J60030-3CR	
35-60	1	—	—	J60060-1C	J60060-1CR	
	2	—	—	J60060-2C	J60060-2CR	#2Cu-Al
	3	—	—	J60060-3C	J60060-3CR	

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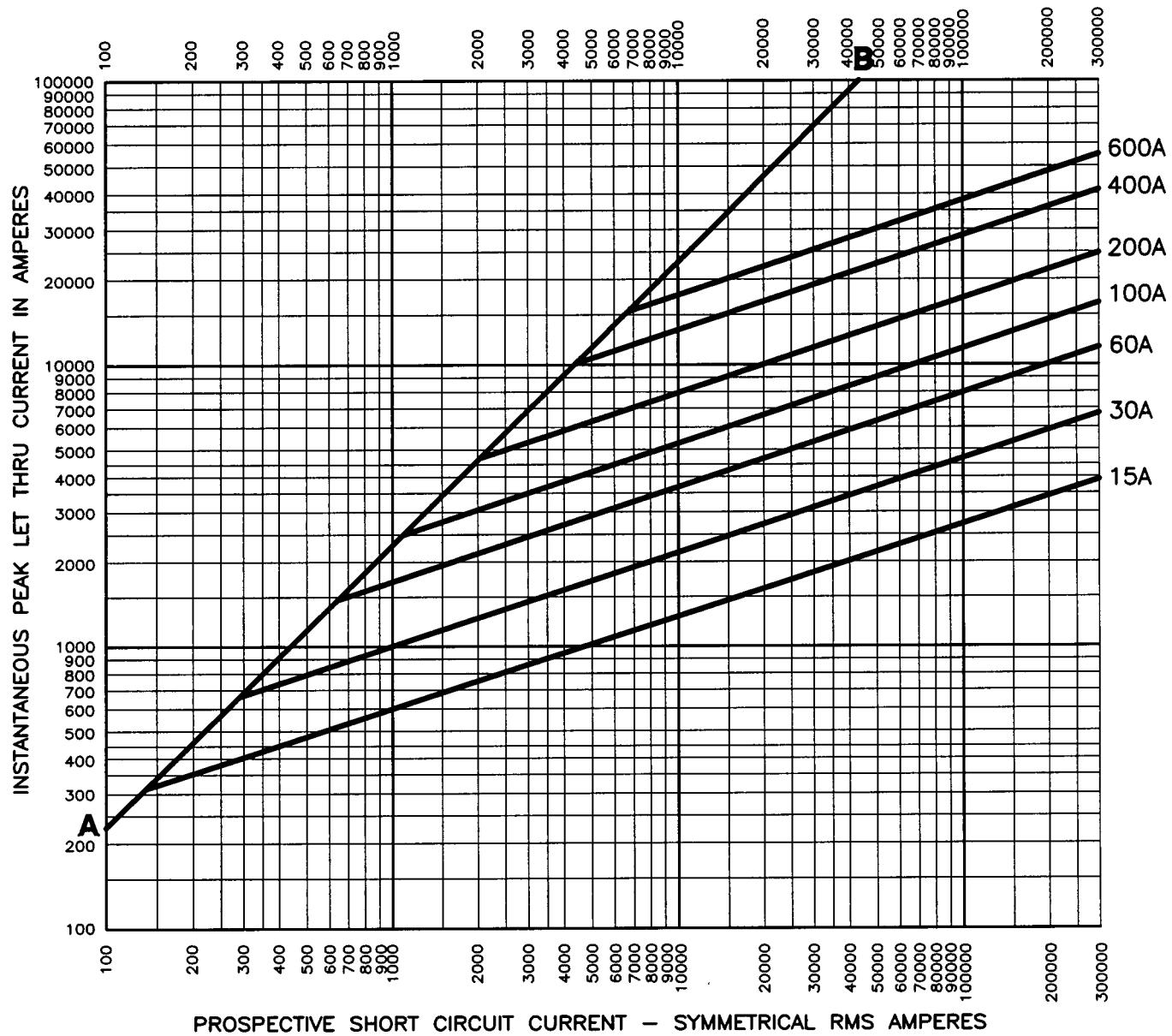
**Time-Current Characteristic Curves—Average Melt**



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**Current Limitation Curves**



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