Cooper Bussmann

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LPJ-70SP

Class J, Dual-Element, Time Delay

Product Information	
Product Type:	Fuse
Product Family:	Electrical Power
Brand:	Cooper Bussmann
Sub-brand:	Low-Peak
Class:	J

Recommended Products	
Rec. Fuse Block:	J60100 Series
Rec. Disconnect Switch:	CFD100J Series
Rec. Cover:	SAMI-3 Series

Physical Properties	
Dimensions:	4.63in.(L) × 1.13in.(W) × 0in.(H)

Certifications
UL Listed
CSA Certified

Electrical Properties	
Maximum AC Voltage:	600
Maximum DC Voltage:	300
Amperage Rating:	70
AC Interrupting Ratings:	• 300000 at 600V
DC Interrupting Ratings:	• 100000 at 300V
Fuse Class:	Class J
Time Delay:	Yes

LOW-PEAK®

Dual-Element, Time-Delay Fuses
Class J – 600 Volt

LPJ

70 to 600A

Catalog Symbol: LPJ-_SP
Dual-Element, Time-Delay – 10 seconds (minimum) at 500% rated current
Current-Limiting
Ampere Rating: 70 to 600A
Voltage Rating: 600Vac (or less)*
Interrupting Rating: 300,000A RMS Sym.
Agency Information:
UL Listed – Special Purpose†, Guide JFHR, File E56412
CSA Certified, Class J per CSA C22.2 No. 248.8, Class 1422-02, File 53787

*0-600A rated 300Vdc and 20 KAIC.
†Meets all performance requirements of UL Standard 248-8 for Class J fuses.

Catalog Symbol and Ampere Ratings

LPJ-70SP	LPJ-125SP	LPJ-250SP	LPJ-500SP
LPJ-80SP	LPJ-150SP	LPJ-300SP	LPJ-600SP
LPJ-90SP	LPJ-175SP	LPJ-350SP	—
LPJ-100SP	LPJ-200SP	LPJ-400SP	—
LPJ-110SP	LPJ-225SP	LPJ-450SP	—

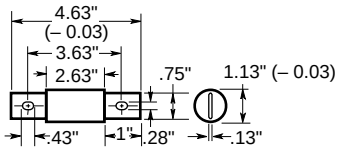
Carton Quantity and Weight

Ampere Ratings	Carton Qty.	Weight* Lbs.	Weight* Kg.
70–100	5	1.69	0.767
110–200	5	4.21	1.910
225–400	1	1.67	0.758
450–600	1	2.80	1.270

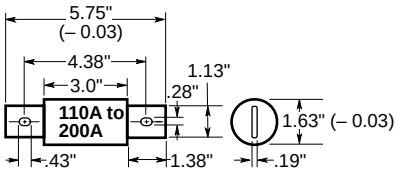
*Weight per carton.

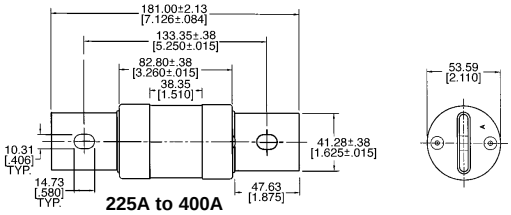
CE

Dimensional Data

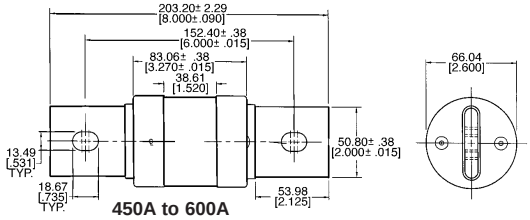


70A to 100A





225A to 400A



450A to 600A

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 300,000A.
- 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, 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.