

Low-Peak™ LPJ Class J 600Vac/300Vdc, 1-60A, dual element, time-delay fuses

RoHS



Available with *easyID™*
open fuse indication

Catalog symbol:

- LPJ-(amp)SP (non-indicating)
- LPJ-(amp)SPI (indicating)

Description:

Bussmann® series Ultimate protection LPJ Class J dual element, current-limiting, time-delay fuses available with optional open fuse indication. Time-delay – 10 seconds (minimum) at 500% of rated current.

Specifications:

Ratings

- Volts
 - 600Vac
 - 300Vdc*
- Amps 1-60A
- IR
 - 300kA Vac RMS Sym.
 - 100kA Vdc

* Indicating versions not Vdc rated.

Agency information

- UL® Listed, Guide JDDZ, File E4273
- CSA® Certified, Class 1422-02, File 53787, Class J per CSA 22.2 No. 248.
- CE
- RoHS compliant

Catalog numbers (amps) – non-indicating fuses

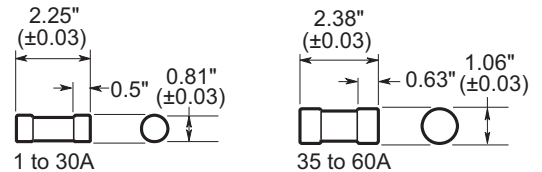
LPJ-1SP	LPJ-3SP	LPJ-7SP*	LPJ-25SP*
LPJ-1-1/4SP	LPJ-3-2/10SP	LPJ-8SP*	LPJ-30SP*
LPJ-1-6/10SP	LPJ-3-1/2SP	LPJ-9SP*	LPJ-35SP*
LPJ-1-8/10SP	LPJ-4SP	LPJ-10SP*	LPJ-40SP*
LPJ-2SP	LPJ-4-1/2SP	LPJ-12SP*	LPJ-45SP*
LPJ-2-1/4SP	LPJ-5SP	LPJ-15SP*	LPJ-50SP*
LPJ-2-1/2SP	LPJ-5-6/10SP	LPJ-17-1/2SP*	LPJ-60SP*
LPJ-2-8/10SP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

* Open fuse indication available by inserting the suffix "I," e.g., LPJ-15SPI. Requires 75Vac minimum voltage. Indicating fuses are not Vdc rated.

Carton quantity:

Amp rating	Carton qty.
1–60	10

Dimensions - in



Features:

- Industry's only UL Listed and CSA Certified fuse with a 300kA interrupting rating that allows for simple, worry-free installation in virtually any application.
- Fast short-circuit protection and dual-element, time-delay performance provide ultimate protection.
- Reduces existing fuse inventory by up to 33% when upgrading to Low-Peak fuses.
- Consistent 2:1 ampacity ratios for all Low-Peak fuses make selective coordination easy.
- Long time-delay minimizes needless fuse openings due to temporary overloads and transient surges.
- Current-limitation protects downstream components against damaging thermal and magnetic effects of short-circuit currents.
- Dual-element fuses have lower resistance than ordinary fuses so they run cooler. They can often be sized for back-up protection against motor burnout from overload or single-phasing if other overload protective devices fail.
- Proper sizing can provide "no damage" Type 2 coordinated protection for NEMA® and IEC® motor controllers.
- Space-saving package for equipment downsizing.

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Recommended fuse blocks and holders:

Fuse amps	1-Pole	2-Pole	3-Pole
Modular open blocks with optional covers			
0-30	JM60030-1_	JM60030-2_	JM60030-3_
35-60	JM60060-1_	JM60060-2_	JM60060-3_
"Pyramid" blocks			
0-30	—	—	JP60030-3_
CH holders			
0-30	CH30J1_	CH30J2_	CH30J3_
35-60	CH60J1_	CH60J2_	CH60J3_
Safety J™ holders			
0-30	JT60030_	—	—
35-60	JT60060_	—	—

For additional information on the Class J fuse blocks and holders, see data sheets no. 10289 (modular open blocks), no.1108 (pyramid blocks), no. 2144 (CH) and no. 1152 (Safety J).

Fuse reducers for Class J fuses:

Equipment fuse clips	Desired fuse (case) size	Catalog numbers (pairs)
60A	30A	J-63
100A	30A	J-13
	60A	J-16
200A	60A	J-26†

† Not for bolt-in applications.