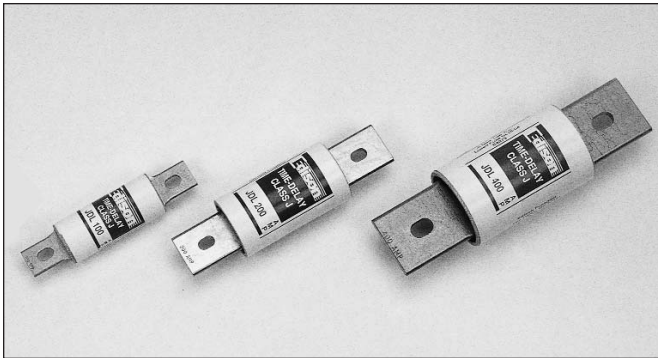


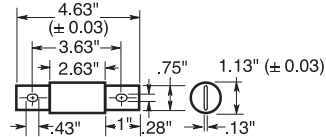
# JDL

## Class J 600 Volt, 70 to 600A

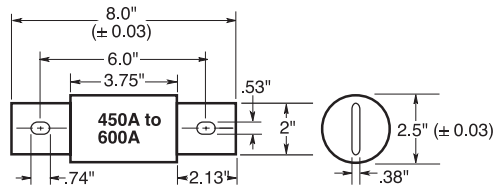
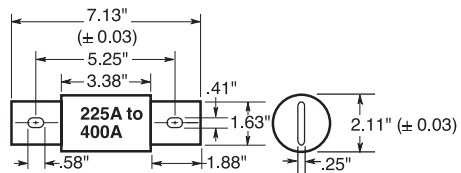
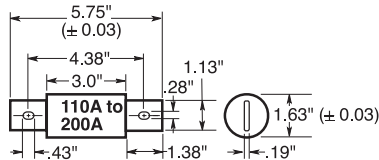
### Dual-Element, Time-Delay Fuses



#### Dimensions (inches)



70A to 100A



#### Catalog Symbol: JDL

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

Current-Limiting

**Volts:** 600Vac (or less)

**Amps:** 70 to 600A

IR: 200kA RMS Sym

300kA RMS Sym. (self certified)

**Agency Information:** CE, UL. Listed – Class J, Guide JDDZ, File E162363, CSA Certified, HRCI-J Class J per CSA C22.2 No. 248.8, Class 1422-02, File 53787

#### Features

- 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 300kA (self certified).
- 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.

#### Catalog Numbers (amps)

JDL70	JDL125	JDL250	JDL500
JDL80	JDL150	JDL300	JDL600
JDL90	JDL175	JDL350	
JDL100	JDL200	JDL400	
JDL110	JDL225	JDL450	

#### Carton Quantity and Weight

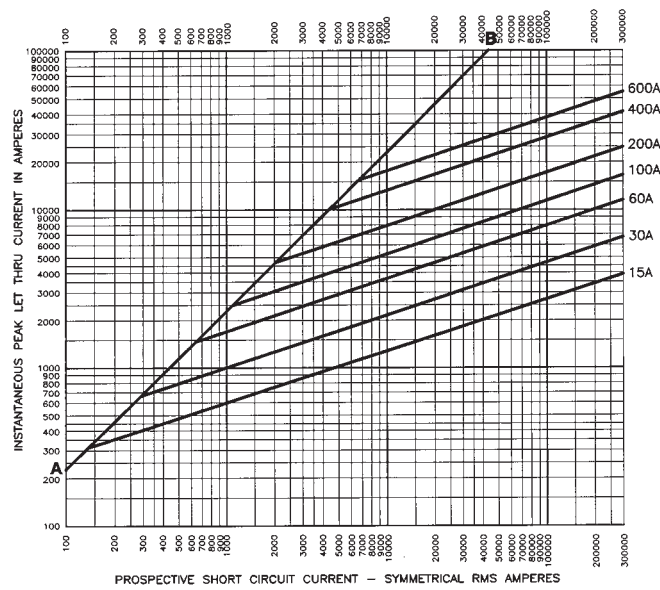
Amps	Carton Quantity	Weight per Carton	
		lbs	kg
70–100	5	1.69	0.77
110–200	5	4.21	1.91
225–400	1	1.67	0.76
450–600	1	2.80	1.27

# JDL

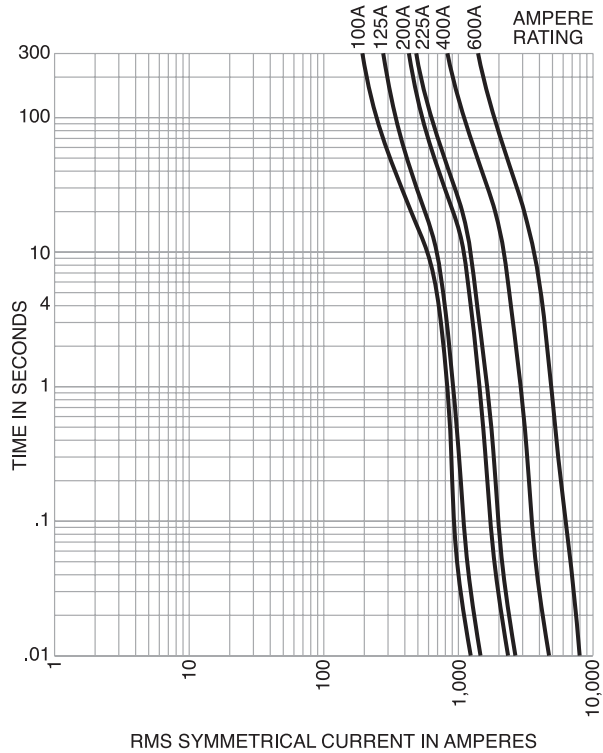
## Class J 600 Volt, 70 to 600A

### Dual-Element, Time-Delay Fuses

**Current Limitation Curves**



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



**Class J Fuse Blocks (600V) Catalog Data**

Amps	Poles	Box Lug w/ Retaining Clip	Maximum Wire Size
70-100	3	J60100-3CR	1/0 CU/AL
101-200	1	J60200-1CR	250MCM CU/AL
201-400	1	J60400-1CR	500MCM CU/AL
401-600	1	J60600-1CR	(2) 500MCM CU/AL

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