JDL
Class J 600Vac, 1 to 60A
Dual-Element, Time-Delay Fuses

Catalog Symbol: JDL
Dual-Element, Time-Delay – 10 seconds (minimum) at 500% rated current
Current-Limiting
  Volts: 600Vac (or less)
  Amps: 1 to 60A
  IR: 200kA RMS Sym.
    300kA RMS Sym. (self certified)
Agency Information: CE, UL Listed — Class J, Guide JDDZ, File E162363, CSA Certified, HRCI-J 200,000 AIR,
  Class J per CSA 22.2 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 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.

Catalog Numbers (amps)

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Carton Quantity and Weight

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<th>Carton Quantity</th>
<th>Weight per Carton</th>
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<td>35–60</td>
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<td>1.78 lbs, 0.81 kg</td>
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Current Limitation Curves

Time-Current Characteristic Curves – Average Melt

Class J Fuse Blocks (600V) Catalog Data

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