**SMARTSPOT INDICATOR AMP-TRAP 2000®**

**AJT**

![Image of Amp-Trap 2000®](image)

**TIME DELAY/CLASS J**

**SMARTSPOT® WITH MAXIMUM CIRCUIT PROTECTION**

Amp-trap 2000® SmartSpot® AJT fuses now provide a visual open fuse indicator. With advanced material technology added to the existing product line the AJT fuse provides IEC Type “2” (No Damage) protection to main, feeder, and branch circuits, for all types of loads — yet, they require only half the mounting space needed for 600VAC Class RK fuses. AJT’s time delay characteristics for handling typical in-rush currents, its current limiting ability.

**Features/Benefits**

- **Solid State SmartSpot Indicator**
- **Time delay** for motor starting and transformer inrush
- **300kA interrupting rating** - self-certified, UL witnessed tests
- **Extremely current limiting** for low peak let-thru current
- **Most current limiting UL class fuse**
- **Recommended for Arc Flash energy reduction**
- **Small footprint** requires less mounting space and allows smaller, more economical fuse blocks
- **Easy 2-to-1 selectivity** for prevention of nuisance shutdowns
- **Unique Class J dimensions** prevent replacement errors
- **High-visibility orange label** gives instant recognition
- **Metal-embossed date and catalog number** for traceability and lasting identification
- **Fiberglass body** provides dimensional stability in harsh industrial settings
- **High-grade silica filler** ensures fast arc quenching
- **Optional EI Indicator/Switch mount** for AJT70 to 600 open fuse indication

**APPLICATIONS:**

- Motor Circuits
- Mains
- Feeders
- Branch Circuits
- Lighting, Heating & General Loads
- Transformers
- Control Panels
- Circuit Breaker Back-up
- Bus Duct
- Load Centers
- Note: See Motor Fuse Applications Tables on page L9

**HIGHLIGHTS:**

- Smart Spot Indicator
- Time Delay
- Highly Current Limiting
- Arc Flash Mitigating
- DC Ratings
- Optional Mechanical Indicator (70 to 600A fuses)

**Ratings**

**AC:**

- 1 to 600A
- 600VAC, 200kA I.R. (self-certified for 600VAC, 300kA I.R., UL witnessed)

**DC:**

- 1 to 600A
- 500VDC, 100kA I.R.

**Approvals**

**AJT (1-600):**

- UL Listed to Standard 248-8 File E2137
- DC Listed to UL Standard 248
- CSA Certified to Standard C22.2 No. 248.8
- IEC 269-2-1

**AJT (70-600) E1:**

- UL Listed to File E60314
- DC Tested to UL Standard 248
SMARTSPOT INDICATOR AMP-TRAP 2000®

TIME DELAY/CLASS J FUSES

Standard Fuse Ampere Ratings, Catalog Numbers

<table>
<thead>
<tr>
<th>AMPERE RATING</th>
<th>CATALOG NUMBER</th>
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<th>CATALOG NUMBER</th>
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<td>AJT1-1/4</td>
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<td>AJT1-6/10</td>
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<td>1-8/10</td>
<td>AJT1-8/10</td>
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<td>AJT2</td>
<td>2-1/4</td>
<td>AJT2-1/4</td>
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Recommended Fuse Blocks With Box Connectors for Amp-trap® Class J Fuses

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<td>61-100</td>
<td>61036J</td>
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<td>101-200</td>
<td>62001J</td>
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<td>201-400</td>
<td>64031J</td>
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<td>401-600</td>
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A variety of pole configurations and termination provisions is available.

Dimensions

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Optional Indicator/Microswitch Mount (EI) dimensions:

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<td>AJT(450-600)-EI</td>
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Note: Fuses with the EI option are designed to work with the AOS-S or AOS-Q add-on Switch, which is ordered separately. See page J7 for details.
SMARTSPOT INDICATOR AMP-TRAP 2000°
TIME DELAY/CLASS J FUSES

Melting Time – Current Data, 600V Fuses – AJT1 to 600

Peak Let-Thru Current Data – AJT30 to 600, 600 Volts AC

Note: See Motor Fuse Application Tables on page L9.