Amp-Trap 2000® AJT fuses provide non-indication as well as a SmartSpot® visual open fuse indicator. With advanced material technology 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 are ideal for handling typical motor and transformer inrush currents, while also providing superior current-limiting ability.

FEATURES/BENEFITS:
- Non-indicating or solid state SmartSpot visual blown fuse 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
- Non-indicating fuses suitable for use in NEC Class I Division 2 hazardous locations¹
- 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 brand recognition
- Metal-embossed date and catalog number for traceability and lasting identification
- Fiberglass body provides dimensional stability in harsh environments
- High-grade silica filler ensures fast arc quenching
- Optional EI open fuse indicator/switch mount for AJT70 to 600

¹ Mersen highly recommends installation in Class I Division 2 certified sealed enclosure.
## Catalog Numbers (Amps)

<table>
<thead>
<tr>
<th>1-7A: Non-indicating only; SmartSpot visual indicator not available</th>
<th>B-600A: Non-indicating and SmartSpot versions available</th>
</tr>
</thead>
<tbody>
<tr>
<td>AJT1N</td>
<td>AJT3-2/10N</td>
</tr>
<tr>
<td>AJT1-1/4N</td>
<td>AJT3-1/2N</td>
</tr>
<tr>
<td>AJT1-1/2N</td>
<td>AJT4N</td>
</tr>
<tr>
<td>AJT1-6/10N</td>
<td>AJT4-1/2N</td>
</tr>
<tr>
<td>AJT1-8/10N</td>
<td>AJT5N</td>
</tr>
<tr>
<td>AJT2N</td>
<td>AJT5-6/10N</td>
</tr>
<tr>
<td>AJT2-1/4N</td>
<td>AJT6N</td>
</tr>
<tr>
<td>AJT2-1/2N</td>
<td>AJT6-1/4N</td>
</tr>
<tr>
<td>AJT2-8/10N</td>
<td>AJT7N</td>
</tr>
<tr>
<td>AJT3N</td>
<td>AJT35</td>
</tr>
<tr>
<td>AJT40</td>
<td>AJT175</td>
</tr>
</tbody>
</table>

## Recommended Fuse Blocks with Box Connectors for Amp-Trap® Class J Fuses

<table>
<thead>
<tr>
<th>Fuse Ampere Rating</th>
<th>Catalog Number (600V or Less)</th>
<th>1 Pole</th>
<th>3 Pole</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-30</td>
<td>US3J1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31-60</td>
<td>US6J1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>61-100</td>
<td>US10J</td>
<td></td>
<td></td>
</tr>
<tr>
<td>101-200</td>
<td>US20J</td>
<td></td>
<td></td>
</tr>
<tr>
<td>201-400</td>
<td>US40J</td>
<td></td>
<td></td>
</tr>
<tr>
<td>401-600</td>
<td>US60J</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

A variety of pole configurations and termination provisions are available. Refer to Section FB for details.

## Dimensions

- **Ampere Rating**: 1-30, 31-60, 61-100, 101-200, 201-400, 401-600
- **A** in (mm)
  - 1/4: 57 (14.5)
  - 3/8: 60 (15.2)
  - 1/16: 117 (29.7)
  - 1/8: 146 (36.8)
  - 1/8: 181 (45.9)
  - 1/8: 203 (51.1)
- **B** in (mm)
  - 1/16: 117 (29.7)
  - 1/8: 146 (36.8)
  - 3/8: 181 (45.9)
  - 3/4: 203 (51.1)
- **C** in (mm)
  - 21: 13/16 (21.0)
  - 1/8: 3/4 (19.0)
  - 1/8: 1/16 (29.0)
  - 1/8: 3/16 (41.0)
  - 1/8: 1/2 (54.0)
- **D** in (mm)
  - 3.2: 1/2 (4.8)
  - 1/2: 1/4 (6.3)
  - 1/4: 1/8 (15/8)
  - 1/4: 3/8 (21/8)
  - 1/4: 5/8 (25/8)
- **E** in (mm)
  - 19: 3/4 (29.0)
  - 3/16: 1/16 (41.0)
  - 1/8: 1/8 (41.0)
  - 1/4: 41.0
- **F** in (mm)
  - 25: 1/2 (41.0)
  - 15/8: 1/8 (63.0)
  - 3/4: 41.0
  - 1/4: 54.0
  - 3-5/8: 1/4 (92.0)
- **G** in (mm)
  - 92: 3/4 (92.0)
  - 3-5/8: 1/4 (111.0)
  - 3-5/8: 3/4 (133.0)
  - 3-5/8: 5/8 (152.0)
  - 3-5/8: 7/8 (172.0)
- **H** in (mm)
  - 7: 3-5/8 (92.0)
  - 3/4: 3-5/8 (111.0)
  - 1/2: 3-5/8 (133.0)
  - 1/4: 3-5/8 (152.0)
  - 3/4: 7/8 (172.0)

## Optional Indicator/Microswitch Mount (EI) Dimensions:

- **Catalog Number**: AJT (70-100)-EI, AJT (110-200)-EI, AJT (225-400)-EI, AJT (450-600)-EI
- **A** in (mm)
  - 2.8 in (71.0 mm)
  - 3.22 in (81.8 mm)
  - 3.24 in (82.2 mm)
  - 3.61 in (91.8 mm)

Note: Fuses with the EI option are designed to work with the AOS-S or AOS-Q add-on switch (ordered separately).