Transformer Protection
Amp-Trap® and 9F62 Bolt-In Series

MEDIUM VOLTAGE FUSES
5.0KV, 5.5KV, 7.2KV, 8.25KV, AND 15.5KV
BOLT-IN FUSES

Mersen fuses for the protection of transformers and distribution lines deliver overload and short circuit protection. These current-limiting fuses will melt at current that can be as low as 1.7 times the fuse current ratings up to its maximum interrupting rating. These fuses are designed to withstand the transformer magnetizing inrush current. They are single, double, triple or quadruple barrels 3 inch diameter (size D) with end mounts designed for bolting directly to equipment bus or terminal pads.

FEATURES/BENEFITS:
- UL listed for compatibility with UL listed equipment.
- Bolt-In mounting for direct connection to bus or terminals.
- Current-limiting for superior equipment protection.
- Non-venting for silent operation.
- Metal embossed catalog number and manufacturing date for lasting identification.
- Outdoor usage for the 9F62.
- Blown-fuse indicator to give positive identification of open fuse.
  - Amp trap: 2 lb tripped force - 0.50 Inch
  - 9F62: 0.125 lb tripped force – 0.20 Inch

HIGHLIGHTS:
- E-Rated
- UL listed
- Outdoor use

APPLICATIONS:
- Protection for 5.5kV to 15.5kV transformers or distribution systems.

Ratings:
Amp-Trap Bolt-in Series
A050B:
- Volts: 5.0kV AC
- Amps: 1200E
- IR: 59kA Sym
A055B:
- Volts: 5.5kV AC
- Amps: 10 to 900E
- IR: 59kA Sym
A072B:
- Volts: 7.2kVAC
- Amps: 250 to 400E
- IR: 65kA Sym
A083B:
- Volts: 8.25kVAC
- Amps: 125 to 200E
- IR: 50kA Sym
A155B:
- Volts: 15.5kVAC
- Amps: 200 to 300E
- IR: 50kA Sym

9F62 Series Type EJO-1
9F62:
- Volts: 5.5kVAC, 15.5VAC
- Amps: 300 to 900A
- IR: 50kA Sym

APPROVALS:
- Some UL Listed to standard File E143362

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DEFINITIONS:

General Purpose Current-Limiting Fuses (Per IEEE Std C37.40-2003):
A general purpose current-limiting fuse is one that is capable of interrupting all currents from its rated interrupting current down to the current that causes melting of the fusible element(s) in one hour or more.

E-Rating: E-Rated fuses are general purpose fuses that operate as follows (Per ANSI C37.46-2000):
- 100E or less – must melt in 300 seconds (5 mins.) at 200 to 240% of E (ampere) rating.
- Over 100E – must melt in 600 seconds (10 mins.) at 220 to 264% of E (ampere) rating.
- Example: A 100E fuse must melt in 300 seconds with an applied current of 200 to 240 amperes.

5.0kV / 5.5kV BOLT-IN FUSES:

5.0kV E-Rated Amp-Trap Bolt-In Series
Suitable for use indoors or in an enclosure only

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Amp Rating</th>
<th>No. of Barrels</th>
<th>Indicating</th>
<th>Max Voltage</th>
<th>Max IR RMS Sym</th>
<th>Figure</th>
</tr>
</thead>
<tbody>
<tr>
<td>A050B4D00R-1200E</td>
<td>1200E</td>
<td>4</td>
<td>Yes</td>
<td>5.0kV</td>
<td>59kA</td>
<td>E</td>
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</table>

5.5kV E-Rated Amp-Trap Bolt-In Series – UL Listed
Suitable for use indoors or in an enclosure only

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Amp Rating</th>
<th>No. of Barrels</th>
<th>Indicating</th>
<th>Max Voltage</th>
<th>Max IR RMS Sym</th>
<th>Figure</th>
</tr>
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<tbody>
<tr>
<td>A055B1DAR-10E</td>
<td>10E</td>
<td>1</td>
<td>Yes</td>
<td>5.5kV</td>
<td>63kA</td>
<td>A</td>
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<td>A055B1DAR-15E</td>
<td>15E</td>
<td>2</td>
<td>Yes</td>
<td>5.5kV</td>
<td>63kA</td>
<td>B</td>
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<td>A055B1DAR-20E</td>
<td>20E</td>
<td>2</td>
<td>Yes</td>
<td>5.5kV</td>
<td>63kA</td>
<td>C</td>
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<tr>
<td>A055B2DAR-25E</td>
<td>25E</td>
<td>3</td>
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<td>5.5kV</td>
<td>63kA</td>
<td>D</td>
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<td>A055B2DAR-30E</td>
<td>30E</td>
<td>3</td>
<td>Yes</td>
<td>5.5kV</td>
<td>63kA</td>
<td>E</td>
</tr>
</tbody>
</table>

TRANSFORMER PROTECTION
Amp-Trap® and 9F62 Bolt-In Series
**Transformer Protection**

Amp-Trap® and 9F62 Bolt-In Series

### 5.5kV General Purpose fuses – 9F62 Series, EJO-1 – UL Listed

Suitable for use indoors or outdoors

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Amp Rating</th>
<th>No. of Barrels</th>
<th>Indicating</th>
<th>Max Voltage</th>
<th>Max IR RMS Sym</th>
<th>Figure</th>
<th>Fuse Support Indoor</th>
<th>Fuse Support Outdoor</th>
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</thead>
<tbody>
<tr>
<td>9F62KCB500</td>
<td>500A</td>
<td>4</td>
<td>Yes</td>
<td>5.5 kV</td>
<td>50kA</td>
<td>F</td>
<td>9F61AKB001</td>
<td>9F61CKF009</td>
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<td>9F62KCB600</td>
<td>600A</td>
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<td>9F62KCB800</td>
<td>800A</td>
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<td>9F62KCB900</td>
<td>900A</td>
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**Figure C**

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**Figure D**

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**Figure F**