Motor Protection
Amp-Trap® Bolt-In Series

MEDIUM VOLTAGE FUSES
5.08KV, 7.2KV AND 15.5KV
BOLT-IN FUSES

Mersen R-Rated fuses are current-limiting, high interrupting rating fuses intended for the short circuit protection of medium voltage motors and motor controllers. R-Rated fuses are back-up fuses that have a minimum interrupting rating, and must be coordinated with overload relays in combination motor starters. The motor starter manufacturer generally specifies the R-Rated fuse size. These fuses are single, double, triple or quadruple barrels 3 inches diameter with end mounts designed for bolting directly to equipment bus or terminal pads.

FEATURES/BENEFITS:
• The Amp-Trap Bolt-in series are UL Recognized.
• Bolt-in mounting for direct connection to bus or terminals.
• Current-limiting for superior equipment protection.
• Metal embossed catalog number and manufacturing date for lasting identification.
• Blown-fuse indicator to give positive identification of open fuse. Amp-Trap: 3” Barrel 2 lb tripped force - 0.50 Inch

HIGHLIGHTS:
• R-Rated
• UL recognized

APPLICATIONS:
• Short circuit protection of medium voltage motors and motor controllers.

Ratings:
Amp-Trap
A051B
• Volts: 5.08kV AC
• Amps: 2 to 38R
• IR: 65kA Sym

A072B
• Volts: 7.2kV AC
• Amps: 2 to 24R, 19R to 57X
• IR: 50kA Sym, 65kA Sym

A155B
• Volts: 15.5kV AC
• Amps: 9 to 38X
• IR: 50kA Sym

APPROVALS:
• UL Recognized File E93367

© 2018 Mersen. All rights reserved. Mersen reserves the right to change, update, or correct, without notice, any information contained in this datasheet.
### 7.2kV / 15.5kV BOLT-IN FUSES:

**7.2kV R-Rated Amp-Trap Bolt-In Series**

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Size</th>
<th>Continuous Amp rating at 40°C</th>
<th>Minimum Interrupting Rating RMS Amp</th>
<th>Indicating</th>
<th>1 Phase interrupting rating</th>
<th>UL Component Recognition</th>
<th>Max IR RMS Sym</th>
<th>Max Voltage Tested</th>
<th>No of Barrels</th>
<th>Fig.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A072B1D00R-19R</td>
<td>19R</td>
<td>300</td>
<td>1560</td>
<td>Yes</td>
<td>65kA at 7.2kV</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>D</td>
</tr>
<tr>
<td>A072B2D00R-32R</td>
<td>32R</td>
<td>540</td>
<td>2970</td>
<td></td>
<td>65kA at 7.66kV</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E</td>
</tr>
<tr>
<td>A072B2D00R-38R</td>
<td>38R</td>
<td>600</td>
<td>3480</td>
<td></td>
<td>65kA at 7.66kV</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>F</td>
</tr>
<tr>
<td>A072B3D00R-48X</td>
<td>48X</td>
<td>750</td>
<td>4360</td>
<td></td>
<td>65kA at 7.2kV</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>F</td>
</tr>
<tr>
<td>A072B3D00R-57X</td>
<td>57X</td>
<td>900</td>
<td>5000</td>
<td></td>
<td>65kA at 7.2kV</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>F</td>
</tr>
</tbody>
</table>

**15.5kV R-Rated Amp-Trap Bolt-In Series**

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Size</th>
<th>Continuous Amp rating at 40°C</th>
<th>Minimum Interrupting Rating RMS Amp</th>
<th>Indicating</th>
<th>1 Phase interrupting rating</th>
<th>UL Component Recognition</th>
<th>Max IR RMS Sym</th>
<th>Max Voltage Tested</th>
<th>No of Barrels</th>
<th>Fig.</th>
</tr>
</thead>
<tbody>
<tr>
<td>A155B2D00R-9R</td>
<td>9R</td>
<td>200</td>
<td>888</td>
<td>Yes</td>
<td>50 kA at 15.5kV</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>G</td>
</tr>
<tr>
<td>A155B2D00R-12R</td>
<td>12R</td>
<td>230</td>
<td>1200</td>
<td></td>
<td>50 kA at 15.5kV</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>H</td>
</tr>
<tr>
<td>A155B3D00R-18X</td>
<td>18X</td>
<td>390</td>
<td>1900</td>
<td></td>
<td>50 kA at 15.5kV</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>J</td>
</tr>
<tr>
<td>A155B3D00R-24X</td>
<td>24X</td>
<td>450</td>
<td>2633</td>
<td></td>
<td>50 kA at 15.5kV</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>J</td>
</tr>
<tr>
<td>A155B4D00R-32X</td>
<td>32X</td>
<td>600</td>
<td>3510</td>
<td></td>
<td>50 kA at 15.5kV</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>J</td>
</tr>
<tr>
<td>A155B4D00R-38X</td>
<td>38X</td>
<td>700</td>
<td>4000</td>
<td></td>
<td>50 kA at 15.5kV</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>J</td>
</tr>
</tbody>
</table>