Amphenol Industrial Operations introduces a series of high amperage, high conductivity copper terminals for use in harsh environment applications. These terminals are available for metric or AWG wire in one or two hole designs. Electro-tin plating on the terminals is standard. An inspection hole is provided to ensure adequate cable insertion is achieved. A listing of recommended crimping instructions and tools is available upon request.

**Amphenol® Amphe-Lug Industrial Lugs**

- Straight, 45°, and 90° barrels available
- Wire sizes: 8AWG ~ 4/0AWG
- Voltage range: 600V ~ 35KV
- UL and CSA certification
- Crimp termination with standard color-coded dies

[www.amphenol-industrial.com](http://www.amphenol-industrial.com)
### TECHNICAL DATA

- **Material:** High conductivity, Wrought copper
- **Finish:** Electro Tin Plate
- **Voltage:** 600V to 35KV

#### Code

<table>
<thead>
<tr>
<th>Amphenol Catalog P/N</th>
<th>Fig. No.</th>
<th>Wire Size</th>
<th>Bolt Size</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>F</th>
<th>G</th>
<th>ID</th>
<th>Die Code</th>
<th>Die Color</th>
<th>Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>AG0814-252</td>
<td>1</td>
<td>#8 AWG</td>
<td>37/24 = 14.9 kcmil</td>
<td>1/4</td>
<td>1.21</td>
<td>0.62</td>
<td>0.48</td>
<td>0.07</td>
<td>0.25</td>
<td>-</td>
<td>0.18</td>
<td>21 Red</td>
<td>N Y</td>
</tr>
<tr>
<td>AG0614</td>
<td>1</td>
<td>#6 AWG</td>
<td>6 Weld</td>
<td>1/4</td>
<td>1.23</td>
<td>0.53</td>
<td>0.44</td>
<td>0.07</td>
<td>0.22</td>
<td>-</td>
<td>0.22</td>
<td>24 Blue</td>
<td>N Y</td>
</tr>
<tr>
<td>AG0412-261</td>
<td>1</td>
<td>#4 AWG</td>
<td>40-50 Navy</td>
<td>1/2</td>
<td>1.83</td>
<td>1.08</td>
<td>0.71</td>
<td>0.07</td>
<td>0.53</td>
<td>-</td>
<td>0.28</td>
<td>29 Gray</td>
<td>Y Y</td>
</tr>
<tr>
<td>AG0212-252</td>
<td>1</td>
<td>#2 AWG</td>
<td>60 Navy #4 Weld</td>
<td>1/2</td>
<td>1.89</td>
<td>1.07</td>
<td>0.75</td>
<td>0.08</td>
<td>0.47</td>
<td>-</td>
<td>0.31</td>
<td>33 Brown</td>
<td>Y Y</td>
</tr>
<tr>
<td>AU0112-260</td>
<td>1</td>
<td>#1 AWG</td>
<td>150/24 = 60.5 kcmil</td>
<td>1/2</td>
<td>2.71</td>
<td>1.08</td>
<td>0.83</td>
<td>0.12</td>
<td>0.32</td>
<td>-</td>
<td>0.36</td>
<td>37 Green</td>
<td>Y Y</td>
</tr>
<tr>
<td>AG1038-252</td>
<td>1</td>
<td>#1/0 AWG</td>
<td>225/24 = 90.8 kcmil</td>
<td>3/8</td>
<td>1.74</td>
<td>0.83</td>
<td>0.76</td>
<td>0.12</td>
<td>0.36</td>
<td>-</td>
<td>0.39</td>
<td>42 Pink</td>
<td>Y Y</td>
</tr>
<tr>
<td>AG2012-252</td>
<td>1</td>
<td>#2/0 AWG</td>
<td>275/24 = 111 kcmil</td>
<td>1/2</td>
<td>2.11</td>
<td>1.09</td>
<td>0.85</td>
<td>0.13</td>
<td>0.75</td>
<td>-</td>
<td>0.45</td>
<td>45 Black</td>
<td>Y Y</td>
</tr>
<tr>
<td>AG3058</td>
<td>1</td>
<td>3/0 AWG</td>
<td>325/24 = 131 kcmil</td>
<td>1/2</td>
<td>1.90</td>
<td>0.88</td>
<td>0.92</td>
<td>0.13</td>
<td>0.38</td>
<td>-</td>
<td>0.51</td>
<td>50 Orange</td>
<td>Y Y</td>
</tr>
<tr>
<td>AG4038-252</td>
<td>1</td>
<td>4/0 AWG</td>
<td>450/24 = 182 kcmil</td>
<td>1/2</td>
<td>2.09</td>
<td>0.86</td>
<td>1.06</td>
<td>0.14</td>
<td>0.35</td>
<td>-</td>
<td>0.57</td>
<td>54 Purple</td>
<td>Y Y</td>
</tr>
<tr>
<td>AM081401-250</td>
<td>2</td>
<td>#8 AWG</td>
<td>37/24 = 14.9 kcmil</td>
<td>1/4</td>
<td>2.49</td>
<td>1.62</td>
<td>0.48</td>
<td>0.07</td>
<td>0.25</td>
<td>1.00</td>
<td>0.18</td>
<td>21 Red</td>
<td>N Y</td>
</tr>
<tr>
<td>AH061243-261</td>
<td>2</td>
<td>#6 AWG</td>
<td>61/24 = 24.6 kcmil</td>
<td>1/2</td>
<td>3.53</td>
<td>2.83</td>
<td>0.83</td>
<td>0.12</td>
<td>0.53</td>
<td>1.75</td>
<td>0.22</td>
<td>24 Blue</td>
<td>N Y</td>
</tr>
<tr>
<td>AH041243-260</td>
<td>2</td>
<td>#4 AWG</td>
<td>91/24 = 36.7 kcmil</td>
<td>1/2</td>
<td>3.89</td>
<td>2.83</td>
<td>0.83</td>
<td>0.12</td>
<td>0.25</td>
<td>1.75</td>
<td>0.26</td>
<td>29 Gray</td>
<td>Y Y</td>
</tr>
<tr>
<td>AH021458</td>
<td>2</td>
<td>#2 AWG</td>
<td>125/24 = 50.5 kcmil</td>
<td>1/4</td>
<td>2.13</td>
<td>1.28</td>
<td>0.59</td>
<td>0.11</td>
<td>0.25</td>
<td>0.63</td>
<td>0.30</td>
<td>33 Brown</td>
<td>Y Y</td>
</tr>
<tr>
<td>AH013801</td>
<td>1</td>
<td>#1 AWG</td>
<td>150/24 = 60.5 kcmil</td>
<td>1/2</td>
<td>2.66</td>
<td>1.81</td>
<td>0.68</td>
<td>0.11</td>
<td>0.38</td>
<td>1.00</td>
<td>0.36</td>
<td>37 Green</td>
<td>Y Y</td>
</tr>
<tr>
<td>AH101458-251</td>
<td>2</td>
<td>#1/0 AWG</td>
<td>275/24 = 111 kcmil</td>
<td>1/4</td>
<td>2.26</td>
<td>1.29</td>
<td>0.85</td>
<td>0.13</td>
<td>0.39</td>
<td>0.63</td>
<td>0.45</td>
<td>42 Pink</td>
<td>Y Y</td>
</tr>
<tr>
<td>AH201458-250</td>
<td>2</td>
<td>#2/0 AWG</td>
<td>275/24 = 111 kcmil</td>
<td>1/4</td>
<td>2.69</td>
<td>1.41</td>
<td>0.85</td>
<td>0.13</td>
<td>0.35</td>
<td>0.63</td>
<td>0.45</td>
<td>45 Black</td>
<td>Y Y</td>
</tr>
<tr>
<td>AM301434</td>
<td>2</td>
<td>3/0 AWG</td>
<td>325/24 = 131 kcmil</td>
<td>1/4</td>
<td>2.92</td>
<td>1.45</td>
<td>0.92</td>
<td>0.13</td>
<td>0.25</td>
<td>0.75</td>
<td>0.51</td>
<td>50 Orange</td>
<td>Y Y</td>
</tr>
<tr>
<td>AH03801</td>
<td>2</td>
<td>4/0 AWG</td>
<td>450/24 = 182 kcmil</td>
<td>1/4</td>
<td>3.20</td>
<td>1.93</td>
<td>1.03</td>
<td>0.14</td>
<td>0.38</td>
<td>1.00</td>
<td>0.56</td>
<td>54 Purple</td>
<td>Y Y</td>
</tr>
</tbody>
</table>

Notes: More sizes are available for each lug style. 45° and 90° standard barrels are available for both one hole and two hole versions.

For additional information on the Amphe-Lug connectors consult Amphenol Industrial Operations.

Notes: Specifications are subject to change without notice. Contact your nearest Amphenol Corporation Sales Office for the latest specifications. All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied. Statements of suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should assume that all safety measures are indicated or that other measures may not be required. Specifications are typical and may not apply to all connectors.

AMPLHENOL is a registered trademark of Amphenol Corporation.

For further information on your individual application requirements, contact: Amphenol Corporation

North America:
Amphenol Industrial Operations
180 N. Freeport Drive, Plant 4
Nogales, AZ 85621
Tel: (520) 285-5130
Fax: (520) 285-5134
Email: rpedrazzini@amphenol-aio.com

Europe:
Amphenol Industrial Operations Europe
Via Baribiana 5
1-20020 Lainate (MI) Italy
Tel: +39 02 93254.204
Fax: +39 02 93254.444
Email: info@amphenol-aio.com

Middle East:
Amphenol Middle East Enterprises FZE
Office C-37 PO Box 21107
Ajman Free Zone, UAE
Tel: +9716-7422494
Fax: +9716-7422941
Email: ameeft@eim.ae

Asia:
Amphenol Technology Shenzhen Ltd
180 N. Freeport Drive, Plant 4
Nogales, AZ 85621
Tel: (520) 285-5130
Fax: (520) 285-5134
Email: rpedrazzini@amphenol-aio.com

One hole lug-standard barrel

Two hole lug-standard barrel