## Power System Grounding Bus Bars

<table>
<thead>
<tr>
<th>BOLT PATTERN</th>
<th>NO. &amp; SIZE OF HOLES*</th>
<th>GROUNDING BUS BAR DESCRIPTION</th>
<th>LENGTH</th>
<th>PART #</th>
<th>MAX ORDER QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>ERICO &quot;NN&quot;</td>
<td>0</td>
<td>2&quot; x 1/4&quot; Cu</td>
<td>12&quot;</td>
<td>EGBA14212NN</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>2&quot; x 1/4&quot; Cu</td>
<td>24&quot;</td>
<td>EGBA14224NN</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>4&quot; x 1/4&quot; Cu</td>
<td>12&quot;</td>
<td>EGBA14412NN</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>4&quot; x 1/4&quot; Cu</td>
<td>20&quot;</td>
<td>EGBA14420NN</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>4&quot; x 1/4&quot; Cu</td>
<td>24&quot;</td>
<td>EGBA14424NN</td>
<td>6</td>
</tr>
<tr>
<td>ERICO &quot;EE&quot;</td>
<td>5 ea. 7/16&quot;</td>
<td>2&quot; x 1/4&quot; Cu</td>
<td>12&quot;</td>
<td>EGBA14212EE</td>
<td>4</td>
</tr>
<tr>
<td>ERICO &quot;HH&quot;</td>
<td>9 ea. 7/16&quot;</td>
<td>2&quot; x 1/4&quot; Cu</td>
<td>12&quot;</td>
<td>EGBA14212HH</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>21 ea. 7/16&quot;</td>
<td>2&quot; x 1/4&quot; Cu</td>
<td>24&quot;</td>
<td>EGBA14224HH</td>
<td>4</td>
</tr>
<tr>
<td>ERICO &quot;BB&quot;</td>
<td>5 pair 7/16&quot;</td>
<td>2&quot; x 1/4&quot; Cu</td>
<td>12&quot;</td>
<td>EGBA14212BB</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>5 pair 7/16&quot;</td>
<td>4&quot; x 1/4&quot; Cu</td>
<td>12&quot;</td>
<td>EGBA14412BB</td>
<td>4</td>
</tr>
<tr>
<td>ERICO &quot;GG&quot;</td>
<td>21 pair 7/16&quot;</td>
<td>2&quot; x 1/4&quot; Cu</td>
<td>24&quot;</td>
<td>EGBA14224GG</td>
<td>4</td>
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<tr>
<td></td>
<td>9 pair 7/16&quot;</td>
<td>4&quot; x 1/4&quot; Cu</td>
<td>12&quot;</td>
<td>EGBA14412GG</td>
<td>4</td>
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<tr>
<td></td>
<td>21 pair 7/16&quot;</td>
<td>4&quot; x 1/4&quot; Cu</td>
<td>24&quot;</td>
<td>EGBA14424GG</td>
<td>4</td>
</tr>
<tr>
<td>ERICO &quot;CC&quot;</td>
<td>5 sets of 3 - 7/16&quot;</td>
<td>4&quot; x 1/4&quot; Cu</td>
<td>12&quot;</td>
<td>EGBA14412CC</td>
<td>4</td>
</tr>
<tr>
<td>NEMA STD</td>
<td>9 sets of 3 - 7/16&quot;</td>
<td>4&quot; x 1/4&quot; Cu</td>
<td>20&quot;</td>
<td>EGBA14420CC</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>11 sets of 3 - 7/16&quot;</td>
<td>4&quot; x 1/4&quot; Cu</td>
<td>24&quot;</td>
<td>EGBA14424CC</td>
<td>4</td>
</tr>
<tr>
<td>ERICO &quot;LL&quot;</td>
<td>9 set of 3 - 7/16&quot;</td>
<td>4&quot; x 1/4&quot; Cu</td>
<td>12&quot;</td>
<td>EGBA14412LL</td>
<td>4</td>
</tr>
<tr>
<td>NEMA STD</td>
<td>17 set of 3 - 7/16&quot;</td>
<td>4&quot; x 1/4&quot; Cu</td>
<td>20&quot;</td>
<td>EGBA14420LL</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>21 set of 3 - 7/16&quot;</td>
<td>4&quot; x 1/4&quot; Cu</td>
<td>24&quot;</td>
<td>EGBA14424LL</td>
<td>4</td>
</tr>
<tr>
<td>ERICO &quot;QQ&quot;</td>
<td>23 sets of 4 holes</td>
<td>7/16” and slotted</td>
<td>20&quot;</td>
<td>EGBA14420QQ</td>
<td>4</td>
</tr>
<tr>
<td>NEMA STD</td>
<td>28 sets of 4 holes</td>
<td>7/16” and slotted</td>
<td>24&quot;</td>
<td>EGBA14424QQ</td>
<td>4</td>
</tr>
</tbody>
</table>

*Does not include mounting holes
All bars have stainless steel brackets, mounting bolts and insulators
Proper bonding is essential to create an equipotential plane between service grounds and equipment during fault and transient conditions. This equipotential plane provides a near zero voltage differential and serves to protect people and equipment during these events. The most popular bonding product in use today is the ground bar or bonding bar. Ground bars provide a convenient, single-point grounding and bonding location. Conductors are welded to the bar using the CADWELD® process or are mechanically fastened by using lugs.

ERIC® can design and manufacture custom bars. In addition, the breadth of the product offering includes TMGB bars, which meet the requirements of TIA/EIA 607 and conform to BICSI recommendations. Our perimeter bus system allows for fast and easy field installation of halo and other perimeter grounding schemes.

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**ERITECH® EGB Series**

**Materials**

**Busbars**
- 1/4” thick copper
- ASTM B187-C11000
- Electro-tin plated (if required)

**Insulators:**
- Material: flame resistant fiberglass reinforced thermoset polyester
- Color: red
- Indoor rating: 600 volts
- 1-1/2” height

**Brackets:**
- Type 304 stainless steel
- 1/8” thick

**Fasteners:**
- 3/8” Type 304 stainless steel fasteners and stainless steel brackets

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**ERITECH TGB & TMGB**

**Materials**

**Busbars:**
- 1/4” thick copper
- ASTM B187-C11000
- Electro-tin plated

**Insulators:**
- Manufactured of rugged polyamide, an environmentally friendly, halogen-free nylon material which is reinforced with glass fiber
- 2” standoff height
- Meets the requirements of UL94 VO for self-extinguishing materials

**Brackets:**
- Type 304 stainless steel
- 1/8” thick

**Fasteners:**
- Type 304 stainless steel
ERITECH® EGB Series

PART NUMBERING SYSTEM

ERITECH® GROUND BAR DESIGNATION

CONFIGURATION
A = INSUL & BRKT
B = BRKT ONLY
C = NONE (BAR ONLY)
D = INSUL ONLY

THICKNESS
18 = 1/8”
14 = 1/4”
38 = 3/8”
12 = 1/2”
58 = 5/8”
34 = 3/4”

WIDTH
1 = 1”
6 = 6”
2 = 2”
7 = 7”
3 = 3”
8 = 8”
4 = 4”
9 = 9”
5 = 5”

LENGTH (ROUNDED TO THE NEAREST INCH, UP TO 96 INCH MAX.)

PIG TAIL LENGTH FT. (EMPTY IF NONE)
A = 1  E = 5  J = 9  N = 16  S = 24  W = 32
B = 2  F = 6  K = 10  P = 18  T = 26  X = 34
C = 3  G = 7  L = 12  Q = 20  U = 28  Y = 36
D = 4  H = 8  M = 14  R = 22  V = 30  Z = 38

ERICO® CABLE CODE (EMPTY IF NONE)
1K = #4 SOL TIN  2O = 4/0
1T = #2 SOL TIN  2V = 250 KCM
1C = 1/0  2G = 2/0  3Q = 500 KCM
1G = 2/0  2L = 3/0  4L = 750 KCM
1L = 3/0  3D = 350 KCM
2L = 3/0  3Q = 500 KCM
3D = 350 KCM
4L = 750 KCM

TIN PLATING (EMPTY IF NONE)
T = TINNED

HOLE PATTERN

PATTERN: “AA”
PATTERN: “BB”
PATTERN: “CC”
PATTERN: “DD”
PATTERN: “EE”
PATTERN: “FF”
PATTERN: “GG”
PATTERN: “HH”
PATTERN: “JJ”
PATTERN: “LL”
PATTERN: “MM”
PATTERN: “NN”

Figure 30.

Ph: 1-800-677-9089
www.erico.com