

# Grounding Busbar

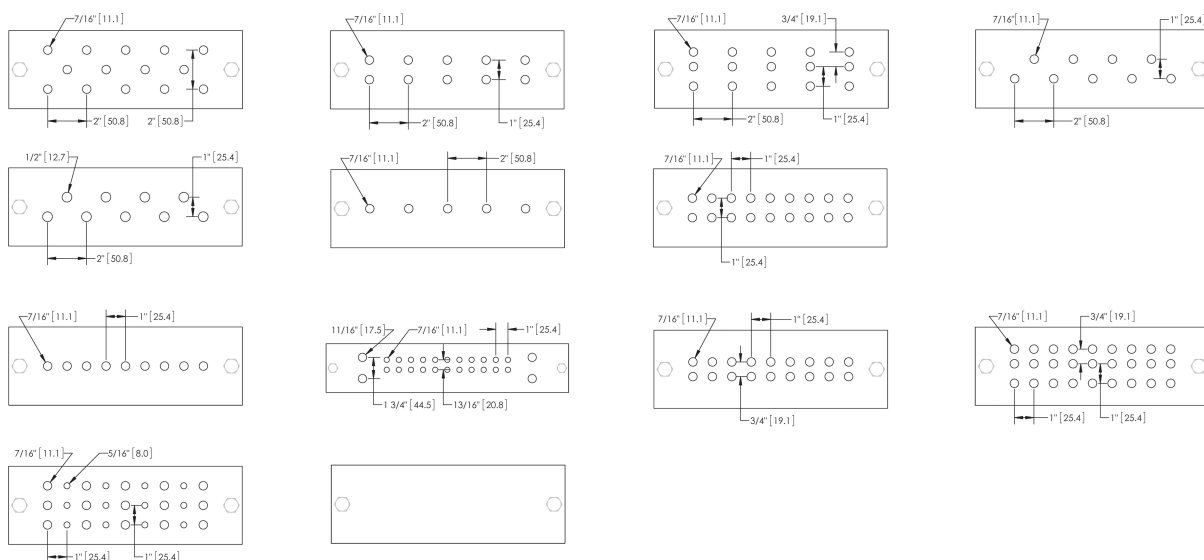


Proper bonding is essential to create an equipotential plane between service grounds and equipment during fault and transient conditions. This equipotential plane provides a near-zero voltage differential, and serves to protect people and equipment during these events. The grounding busbar is the most popular bonding product in use today.

## CERTIFICATIONS



## DIAGRAMS



## FEATURES

Provides a convenient, single-point grounding and bonding location

Conductors are welded to the bar using a nVent ERICO Cadweld exothermic connection or are mechanically fastened by using lugs

## SPECIFICATIONS

**Material:** Copper

| Table 1/2      |                                 |              |                    |        |       |           |
|----------------|---------------------------------|--------------|--------------------|--------|-------|-----------|
| Catalog Number | Busbar Configuration            | Hole Pattern | Mounting Hole Size | Length | Width | Thickness |
| EGBA14206EET   | Busbar, Insulators and Brackets | EE           | 11.1mm             | 152mm  | 51 mm | 6.4 mm    |
| EGBA14212BBT   | Busbar, Insulators and Brackets | BB           | 11.1mm             | 305mm  | 51 mm | 6.4 mm    |
| EGBA14212EET   | Busbar, Insulators and Brackets | EE           | 11.1mm             | 305mm  | 51 mm | 6.4 mm    |
| EGBA14212HH    | Busbar, Insulators and Brackets | HH           | 11.1mm             | 305mm  | 51 mm | 6.4 mm    |
| EGBA14212TES   | Busbar, Insulators and Brackets | TES          | 11.1mm             | 305mm  | 51 mm | 6.4 mm    |
| EGBA14215EET   | Busbar, Insulators and Brackets | EE           | 11.1mm             | 381mm  | 51 mm | 6.4 mm    |
| EGBA14215JJ    | Busbar, Insulators and Brackets | JJ           | 11.1mm             | 381mm  | 51 mm | 6.4 mm    |
| EGBA14215TES   | Busbar, Insulators and Brackets | TES          | 11.1mm             | 381mm  | 51 mm | 6.4 mm    |
| EGBA14216HH    | Busbar, Insulators and Brackets | HH           | 11.1mm             | 406mm  | 51 mm | 6.4 mm    |
| EGBA14220DGT   | Busbar, Insulators and Brackets | DG           | 11.1mm             | 508mm  | 51 mm | 6.4 mm    |
| EGBA14224EET   | Busbar, Insulators and Brackets | EE           | 11.1mm             | 610mm  | 51 mm | 6.4 mm    |
| EGBA14224GGT   | Busbar, Insulators and Brackets | GG           | 11.1mm             | 610mm  | 51 mm | 6.4 mm    |

| CatalogNumber | Busbar Configuration            | Hole Pattern | Mounting Hole Size | Length | Width  | Thickness |
|---------------|---------------------------------|--------------|--------------------|--------|--------|-----------|
| EGBA14240EET  | Busbar, Insulators and Brackets | EE           | 11.1mm             | 1016mm | 51 mm  | 6.4 mm    |
| EGBA14412CC   | Busbar, Insulators and Brackets | CC           | 11.1mm             | 305mm  | 102 mm | 6.4 mm    |
| EGBA14420HIG  | Busbar, Insulators and Brackets | HIG          | 11.1mm             | 508mm  | 102 mm | 6.4 mm    |
| EGBA14420LL   | Busbar, Insulators and Brackets | LL           | 11.1mm             | 508mm  | 102 mm | 6.4 mm    |
| EGBA14424DDT  | Busbar, Insulators and Brackets | DD           | 11.1mm             | 610mm  | 102 mm | 6.4 mm    |
| EGBA14424MM   | Busbar, Insulators and Brackets | MM           | 11.1mm             | 610mm  | 102 mm | 6.4 mm    |
| EGBA14436CC   | Busbar, Insulators and Brackets | CC           | 11.1mm             | 914mm  | 102 mm | 6.4 mm    |
| EGBA14612AA   | Busbar, Insulators and Brackets | AA           | 11.1mm             | 305mm  | 152 mm | 6.4 mm    |
| EGBA14618AA   | Busbar, Insulators and Brackets | AA           | 11.1mm             | 457mm  | 152 mm | 6.4 mm    |
| EGBB14212JJ   | Busbar and Brackets             | JJ           | 11.1mm             | 305mm  | 51 mm  | 6.4 mm    |
| EGBC14212NN   | Busbar Only                     | NN           | 11.1mm             | 305mm  | 51 mm  | 6.4 mm    |
| EGBC14412LLT  | Busbar Only                     | LL           | 11.1mm             | 305mm  | 102 mm | 6.4 mm    |
| EGBD14224BB   | Busbar and Insulators           | BB           | 11.1mm             | 610mm  | 51 mm  | 6.4 mm    |

Table 2/2

| Catalog Number | Tin Plating | Pigtail Included |
|----------------|-------------|------------------|
| EGBA14206EET   | Yes         | No               |

| Catalog Number | Tin Plating | Pigtail Included |
|----------------|-------------|------------------|
| EGBA14212BBT   | Yes         | No               |
| EGBA14212EET   | Yes         | No               |
| EGBA14212HH    | No          | No               |
| EGBA14212TES   | No          | No               |
| EGBA14215EET   | Yes         | No               |
| EGBA14215JJ    | No          | No               |
| EGBA14215TES   | No          | No               |
| EGBA14216HH    | No          | No               |
| EGBA14220DGT   | Yes         | No               |
| EGBA14224EET   | Yes         | No               |
| EGBA14224GGT   | Yes         | No               |
| EGBA14240EET   | Yes         | No               |
| EGBA14412CC    | No          | No               |
| EGBA14420HIG   | No          | No               |
| EGBA14420LL    | No          | No               |
| EGBA14424DDT   | Yes         | No               |
| EGBA14424MM    | No          | No               |
| EGBA14436CC    | No          | No               |

| Catalog Number | Tin Plating | Pigtail Included |
|----------------|-------------|------------------|
| EGBA14612AA    | No          | No               |
| EGBA14618AA    | No          | No               |
| EGBB14212JJ    | No          | No               |
| EGBC14212NN    | No          | No               |
| EGBC14412LLT   | Yes         | No               |
| EGBD14224BB    | No          | No               |

## ADDITIONAL PRODUCT DETAILS

Diagrams are representative of the hole pattern. The number of holes is dependent on the length of the grounding busbar.

Additional configurations are available by special order. Note special orders may incur additional lead time.

| EGB-A-14-4-12-CC-T-1T-K |                                    |                                                                                                                                                               |
|-------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EGB                     | ERICO Grounding Busbar Designation |                                                                                                                                                               |
| A                       | Configuration                      | A: Busbar, Insulators and Brackets<br>B: Busbar and Brackets<br>C: Busbar Only<br>D: Busbar and Insulators                                                    |
| 14                      | Thickness (")                      | 14: 1/4" · 38: 3/8" · 12: 1/2"                                                                                                                                |
| 4                       | Width (")                          |                                                                                                                                                               |
| 12                      | Length (")                         | Rounded to the nearest inch, 144" max                                                                                                                         |
| CC                      | Hole Pattern                       | Diagrams are representative of the hole pattern. The number of holes is dependent on the length of the grounding busbar.                                      |
| T*                      | Tin Plating                        |                                                                                                                                                               |
| 1T*                     | ERICO Cable Code                   | 1K: #4 Sol Tin · 1T: #2 Sol Tin<br>2C: 1/0 · 2G: 2/0 · 2L: 3/0 · 2Q: 4/0<br>2V: 250 kcmil · 3D: 350 kcmil · 3Q: 500 kcmil · 4L: 750 kcmil                     |
| K*                      | Pigtail Length (")                 | A:1 · B:2 · C:3 · D:4 · E:5 · F:6 · G:7 · H:8 · J:9 · K:10 · L:12 · M:14 · N:16<br>P:18 · Q:20 · R:22 · S:24 · T:26 · U:28 · V:30 · W:32 · X:34 · Y:36 · Z:38 |

\* Empty if none

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper

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