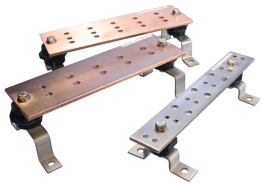
Grounding Busbar

Data Solutions



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

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
- Custom bars can be designed and manufactured to customer specifications

SPECIFICATIONS

Busbar Configuration: Busbar, Insulators and Brackets

Material: Copper

Table 1/2

Catalog Number	Hole Pattern	Mounting Hole Size	Length	Width	Thickness	Tin Plating
EGBA14212EET	EE Hole Pattern	11.1mm	305mm	51mm	6.4mm	Yes
EGBA14424MM	MM Hole Pattern	11.1mm	610mm	102mm	6.4mm	No

Catalog Number	Hole Pattern	Mounting Hole Size	Length	Width	Thickness	Tin Plating
EGBA14215JJ	JJ Hole Pattern	11.1mm	381mm	51mm	6.4mm	No
EGBA14220DGT	DG Hole Pattern	11.1mm	508mm	51mm	6.4mm	Yes
EGBA14215EET	EE Hole Pattern	11.1mm	381mm	51mm	6.4mm	Yes
EGBA14224EET	EE Hole Pattern	11.1mm	610mm	51mm	6.4mm	Yes
EGBA14206EET	EE Hole Pattern	11.1mm	152mm	51mm	6.4mm	Yes
EGBA14224GGT	GG Hole Pattern	11.1mm	610mm	51mm	6.4mm	Yes
EGBA14216HH	HH Hole Pattern	11.1mm	406mm	51mm	6.4mm	No

Table 2/2

Catalog Number	Pigtail Included
EGBA14212EET	No
EGBA14424MM	No
EGBA14215JJ	No
EGBA14220DGT	No
EGBA14215EET	No
EGBA14224EET	No
EGBA14206EET	No
EGBA14224GGT	No
EGBA14216HH	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 B: Busbar and Brackets C: Busbar Only 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 2C: 1/0 · 2G: 2/0 · 2L: 3/0 · 2Q: 4/0 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 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 and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.