

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

Material: Copper

Table 1/2

Catalog Number	Busbar Configuration	Hole Pattern	Mounting Hole Size	Length	Width	Thickness
EGBA14216HH	Busbar, Insulators and Brackets	HH Hole Pattern	11.1mm	406mm	51mm	6.4mm

Catalog Number	Busbar Configuration	Hole Pattern	Mounting Hole Size	Length	Width	Thickness
EGBC14212NN	Busbar Only	NN Hole Pattern	11.1mm	305mm	51mm	6.4mm
EGBA14412CC	Busbar, Insulators and Brackets	CC Hole Pattern	11.1mm	305mm	102mm	6.4mm
EGBA14224EET	Busbar, Insulators and Brackets	EE Hole Pattern	11.1mm	610mm	51mm	6.4mm
EGBA14424MM	Busbar, Insulators and Brackets	MM Hole Pattern	11.1mm	610mm	102mm	6.4mm
EGBA14212TES	Busbar, Insulators and Brackets	TES Hole Pattern	11.1mm	305mm	51mm	6.4mm
EGBA14212BBT	Busbar, Insulators and Brackets	BB Hole Pattern	11.1mm	305mm	51mm	6.4mm
EGBA14612AA	Busbar, Insulators and Brackets	AA Hole Pattern	11.1mm	305mm	152mm	6.4mm
EGBA14220DGT	Busbar, Insulators and Brackets	DG Hole Pattern	11.1mm	508mm	51mm	6.4mm
EGBA14420HIG	Busbar, Insulators and Brackets	HIG Hole Pattern	11.1mm	508mm	102mm	6.4mm
EGBA14212HH	Busbar, Insulators and Brackets	HH Hole Pattern	11.1mm	305mm	51mm	6.4mm
EGBA14224GGT	Busbar, Insulators and Brackets	GG Hole Pattern	11.1mm	610mm	51mm	6.4mm
EGBA14215EET	Busbar, Insulators and Brackets	EE Hole Pattern	11.1mm	381mm	51mm	6.4mm
EGBA14240EET	Busbar, Insulators and Brackets	EE Hole Pattern	11.1mm	1016mm	51mm	6.4mm
EGBD14224BB	Busbar and Insulators	BB Hole Pattern	11.1mm	610mm	51mm	6.4mm
EGBA14436CC	Busbar, Insulators and Brackets	CC Hole Pattern	11.1mm	914mm	102mm	6.4mm

Catalog Number	Busbar Configuration	Hole Pattern	Mounting Hole Size	Length	Width	Thickness
EGBA14215JJ	Busbar, Insulators and Brackets	JJ Hole Pattern	11.1mm	381mm	51mm	6.4mm
EGBA14215TES	Busbar, Insulators and Brackets	TES Hole Pattern	11.1mm	381mm	51mm	6.4mm
EGBA14424DDT	Busbar, Insulators and Brackets	DD Hole Pattern	11.1mm	610mm	102mm	6.4mm
EGBC14412LLT	Busbar Only	LL Hole Pattern	11.1mm	305mm	102mm	6.4mm

Table 2/2

Catalog Number	Busbar Configuration	Hole Pattern	Mounting Hole Size	Length	Width	Thickness
EGBA14618AA	Busbar, Insulators and Brackets	AA Hole Pattern	11.1mm	457mm	152mm	6.4mm
EGBA14206EET	Busbar, Insulators and Brackets	EE Hole Pattern	11.1mm	152mm	51mm	6.4mm
EGBA14420LL	Busbar, Insulators and Brackets	LL Hole Pattern	11.1mm	508mm	102mm	6.4mm
EGBB14212JJ	Busbar and Brackets	JJ Hole Pattern	11.1mm	305mm	51mm	6.4mm
EGBA14212EET	Busbar, Insulators and Brackets	EE Hole Pattern	11.1mm	305mm	51mm	6.4mm

Table 1/2

Catalog Number	Tin Plating	Pigtail Included
EGBA14216HH	No	No
EGBC14212NN	No	No
EGBA14412CC	No	No
EGBA14224EET	Yes	No
EGBA14424MM	No	No
EGBA14212TES	No	No
EGBA14212BBT	Yes	No
EGBA14612AA	No	No
EGBA14220DGT	Yes	No

Catalog Number	Tin Plating	Pigtail Included
EGBA14420HIG	No	No
EGBA14212HH	No	No
EGBA14224GGT	Yes	No
EGBA14215EET	Yes	No
EGBA14240EET	Yes	No
EGBD14224BB	No	No
EGBA14436CC	No	No
EGBA14215JJ	No	No
EGBA14215TES	No	No
EGBA14424DDT	Yes	No
EGBC14412LLT	Yes	No

Table 2/2

Catalog Number	Tin Plating	Pigtail Included
EGBA14618AA	No	No
EGBA14206EET	Yes	No
EGBA14420LL	No	No
EGBB14212JJ	No	No
EGBA14212EET	Yes	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.



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE