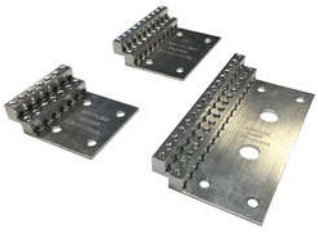
CB CONNECTING BAR



nVent ERIFLEX Connecting, Earthing and Neutral Busbars are used to connect several earthing conductors within a panel and can be used in a variety of different applications including switchgear and control equipment, electrical equipment, for wind and solar power generation and in data centers. CB Busbars can also be used to collect DC current from Solar Panel.

CERTIFICATIONS

FEATURES

- Ideal for solar applications
- Tinned aluminum bar allows for copper or aluminum conductor connections
- Design allows for visual inspection of conductor and confirmation of connection
- Can be fixed on standoff insulators or punched or threaded copper busbar
- High fill ratio allows output connection with or without terminal
- Quick and easy installation
- RoHS compliant

SPECIFICATIONS

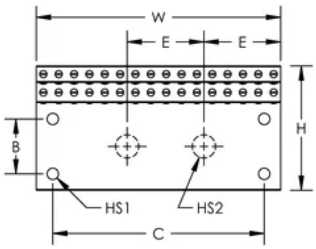
Material: Aluminum

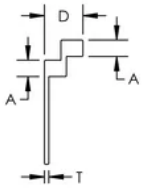
Finish: Tinned

Catalog Number	CB14X10AL	CB20X10AL	CB32X10AL
Article Number	553152	553153	553151
Max Current Rating, IEC	450A	640A	1020A
Number of Connections	14	20	32
Conductor Size, IEC	(14) 1.5 - 6 mm² Stranded	(20) 1.5 - 6 mm² Stranded	(32) 1.5 - 6 mm² Stranded

Catalog Number	CB14X10AL	CB20X10AL	CB32X10AL
Ferrule Conductor Size, IEC	(14) 2.5 - 6 mm²	(20) 2.5 - 6 mm²	(32) 2.5 - 6 mm²
Conductor Size, UL	(14) #14 - #6 Solid (14) #16 - #6 Stranded	(20) #14 - #6 Solid (20) #16 - #6 Stranded	(32) #14 - #6 Solid (32) #16 - #6 Stranded
Depth (D)	0.87	0.87	0.87
Height (H)	2.83"	2.83"	2.83"
Width (W)	2.42"	3.46"	5.57"
Thickness (T)	0.1"	0.1"	0.1"
Hole Size 1 (HS1)	0.26"	0.26"	0.26"
Hole Size 2 (HS2)			0.53"
A	3/8"	3/8"	3/8"
B	1 1/4"	1 1/4"	1 1/4"
C	1.42"	2.47"	4.82"
E			1 3/4"
Torque (TQ)	1.47 ft·lbf	1.47 ft·lbf	1.47 ft·lbf
Unit Weight	0.15 lb	0.22 lb	0.35 lb
Complies With	IEC® 60947-1 IEC® 60998-2-1	IEC® 60947-1 IEC® 60998-2-1	IEC® 60947-1 IEC® 60998-2-1

DIAGRAMS





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.

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nVent reserves the right to change specifications without notice.