

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

Catalog Number	CB14X10AL	CB20X10AL	CB32X10AL
Number of Connections	14	20	32
Conductor Size, IEC	(14) 1.5 - 6 mm ² Stranded	(20) 1.5 - 6 mm ² Stranded	(32) 1.5 - 6 mm ² Stranded
Ferrule Conductor Size, IEC	(14) 2.5 - 6 mm ²	(20) 2.5 - 6 mm ²	(32) 2.5 - 6 mm ²
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)	22mm	22mm	22mm
Height (H)	72 mm	72 mm	72 mm
Width (W)	61.5 mm	88 mm	141.5 mm
Thickness (T)	2.5 mm	2.5 mm	2.5 mm
Hole Size 1 (HS1)	6.6 mm	6.6 mm	6.6 mm
Hole Size 2 (HS2)			13.5 mm
A	9.5 mm	9.5 mm	9.5 mm
B	31.75 mm	31.75 mm	31.75 mm
C	36 mm	62.75 mm	122.5 mm
E			44.5 mm
Torque (TQ)	2 N·m	2 N·m	2 N·m
Unit Weight	0.07 kg	0.1 kg	0.16 kg
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.

North America

+1.800.753.9221

Option 1 – Customer Care

Option 2 – Technical

Support

Europe

Netherlands:

+31 800-0200135

France:

+33 800 901 793

Europe

Germany:

800 1890272

Other Countries:

+31 13 5835404

APAC

Shanghai:

+ 86 21 2412 1618/19

Sydney:

+61 2 9751 8500



Our powerful portfolio of brands:

CADDY

ERICO

HOFFMAN

ILSCO

SCHROFF

TRACHTE