

# nVent ERIFLEX Flexbus HCBC Plate with PE Connection



## CERTIFICATIONS



## FEATURES

Rigid tinned copper part provides strong electrical contact to maintain braid expansion during compression

HCBC Plate allows Flexbus Conductor insulation to overlap the connection palm

HCBC Plate with PE connection allows conductor to be added to interconnect neutral and ground/earth

Tinned copper allows for copper or aluminum conductor connections

Installs quickly and easily

RoHS compliant

## SPECIFICATIONS

**Material:** Copper

**Finish:** Tinned

Table 1/2

| Catalog Number | Article Number | A | B | C | D | E |
|----------------|----------------|---|---|---|---|---|
|----------------|----------------|---|---|---|---|---|

|                |        |        |        |       |       |       |
|----------------|--------|--------|--------|-------|-------|-------|
| FLEXPLATE50PE  | 508182 | 65 mm  | 100 mm | 45 mm | 41 mm | 70 mm |
| FLEXPLATE100PE | 508183 | 115 mm | 100 mm | 45 mm | 51 mm | 70 mm |

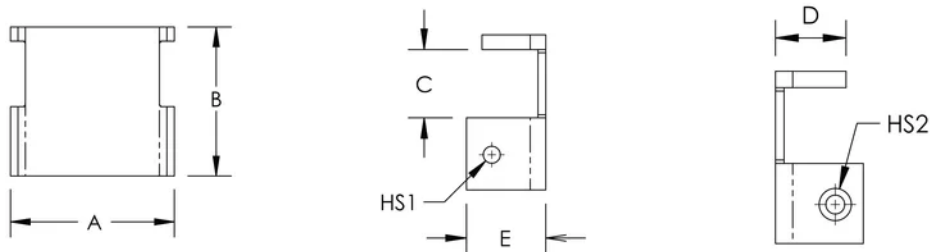
Table 2/2

| Catalog Number | Article Number | Hole Size 1 (HS1) | Hole Size 2 (HS2) | Thickness (T) | Conductor Size                                                                        | Unit Weight |
|----------------|----------------|-------------------|-------------------|---------------|---------------------------------------------------------------------------------------|-------------|
| FLEXPLATE50PE  | 508182         | 10.5 mm           | 14.5 mm           | 5 mm          | 220 mm <sup>2</sup> , 360 mm <sup>2</sup> , 545 mm <sup>2</sup> , 640 mm <sup>2</sup> | 0.49 kg     |
| FLEXPLATE100PE | 508183         | 12.5 mm           | 18.5 mm           | 5 mm          | 960 mm <sup>2</sup> , 1280 mm <sup>2</sup> , 1810 mm <sup>2</sup>                     | 0.71 kg     |

## ADDITIONAL PRODUCT DETAILS

It is mandatory to use the HCBC Clamp associated with the HCBC Plate for proper Flexbus Conductor connection.

## 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](http://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

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