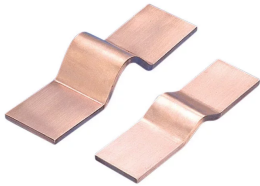


# PPS Presswelded Power Shunt



## CERTIFICATIONS



## FEATURES

Press welded laminations are welded to each other through direct current applied to pieces under pressure

Press welding forms a solid palm with the properties of a plain bar

Smaller cross section for same capacity

Runs cooler than equal section

## SPECIFICATIONS

**Lamination Thickness:** 0.3mm

**Material:** Copper

**Finish:** Plain

Table 1/2

| Catalog Number | Article Number | Cross Section       | $\Delta T$ 30 K | $\Delta T$ 50 K | Length (L) | Height (H) |
|----------------|----------------|---------------------|-----------------|-----------------|------------|------------|
| PPS100X10-100  | 566050         | 1000mm <sup>2</sup> | 1825A           | 2418A           | 300mm      | 54 mm      |

| CatalogNumber   | Article Number | Cross Section       | $\Delta T$ 30 K | $\Delta T$ 50 K | Length (L) | Height (H) |
|-----------------|----------------|---------------------|-----------------|-----------------|------------|------------|
| PPS100X10-110   | 566060         | 1000mm <sup>2</sup> | 1825A           | 2418A           | 360mm      | 53 mm      |
| PPS100X15-110   | 566070         | 1500mm <sup>2</sup> | 2178A           | 2886A           | 360mm      | 57 mm      |
| PPS50X10-80-280 | 566030         | 500mm <sup>2</sup>  | 1022A           | 1354A           | 280mm      | 58 mm      |
| PPS80X10-100    | 566040         | 800mm <sup>2</sup>  | 1511A           | 2002A           | 320mm      | 52 mm      |

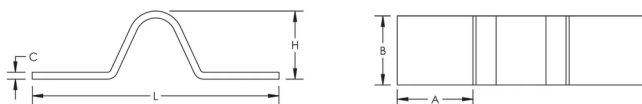
Table 2/2

| Catalog Number  | Article Number | A      | B      | C     | Unit Weight | 2 Bar Current Coefficient |
|-----------------|----------------|--------|--------|-------|-------------|---------------------------|
| PPS100X10-100   | 566050         | 100 mm | 100 mm | 10 mm | 3.06 kg     | 1.6                       |
| PPS100X10-110   | 566060         | 110 mm | 100 mm | 10 mm | 3.61 kg     | 1.6                       |
| PPS100X15-110   | 566070         | 110 mm | 100 mm | 15 mm | 5.38 kg     | 1.6                       |
| PPS50X10-80-280 | 566030         | 80 mm  | 50 mm  | 10 mm | 1.44 kg     | 1.72                      |
| PPS80X10-100    | 566040         | 100 mm | 80 mm  | 10 mm | 2.62 kg     | 1.65                      |

## ADDITIONAL PRODUCT DETAILS

When used in parallel, the two shunts must be spaced with a minimum distance equal to the thickness of the shunt to allow air cooling.

## 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.

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