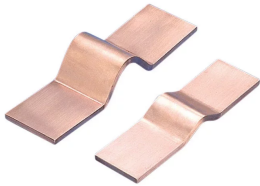


# PPS Presswelded Power Shunt



## 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

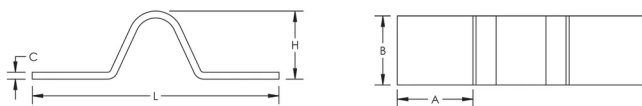
Table 2/2

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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