

# PBC Braided Power Shunt



## CERTIFICATIONS



## FEATURES

Ideal for transformer-busduct link

Solid palms can be drilled to fit customer specific designs

Extra flexible power connection and good resistance to vibration

## SPECIFICATIONS

**Wire Diameter:** 0.15mm

**Material:** Copper

**Finish:** Tinned

Table 1/2

Catalog Number	Article Number	Cross Section	$\Delta T$ 30 K	$\Delta T$ 50 K	Length (L)	A
PBC1000X450	564900	1000mm <sup>2</sup>	1651A	2188A	450mm	105 mm
PBC100X250	564000	100mm <sup>2</sup>	349A	462A	250mm	35 mm

CatalogNumber	Article Number	Cross Section	ΔT 30 K	ΔT 50 K	Length (L)	A
PBC100X500	564050	100mm <sup>2</sup>	349A	462A	500mm	35 mm
PBC1200X500	564030	1200mm <sup>2</sup>	1982A	2626A	500mm	125 mm
PBC120X250	564010	120mm <sup>2</sup>	385A	511A	250mm	35 mm
PBC1500X800	564910	1500mm <sup>2</sup>	2300A	3048A	800mm	125 mm
PBC150X250	564100	150mm <sup>2</sup>	440A	583A	250mm	55 mm
PBC150X500	564150	150mm <sup>2</sup>	440A	583A	500mm	55 mm
PBC200X250	564200	200mm <sup>2</sup>	550A	729A	250mm	55 mm
PBC200X500	564250	200mm <sup>2</sup>	550A	729A	500mm	55 mm
PBC250X300	564300	250mm <sup>2</sup>	651A	863A	300mm	85 mm
PBC300X400	564400	300mm <sup>2</sup>	716A	948A	400mm	85 mm
PBC400X400	564500	400mm <sup>2</sup>	853A	1131A	400mm	85 mm
PBC500X400	564600	500mm <sup>2</sup>	917A	1216A	400mm	105 mm
PBC600X450	564700	600mm <sup>2</sup>	1101A	1459A	450mm	105 mm
PBC800X450	564800	800mm <sup>2</sup>	1376A	1823A	450mm	105 mm

Table 2/2

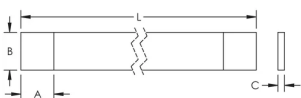
Catalog Number	Article Number	B	C	2 Bar Current Coefficient
PBC1000X450	564900	100 mm	16 mm	1.6
PBC100X250	564000	40 mm	7 mm	1.72
PBC100X500	564050	40 mm	7 mm	1.72

Catalog Number	Article Number	B	C	2 Bar Current Coefficient
PBC1200X500	564030	120 mm	17.5 mm	1.6
PBC120X250	564010	40 mm	7.5 mm	1.72
PBC1500X800	564910	150 mm	17.5 mm	1.32
PBC150X250	564100	50 mm	8 mm	1.72
PBC150X500	564150	50 mm	8 mm	1.72
PBC200X250	564200	50 mm	9 mm	1.72
PBC200X500	564250	50 mm	9 mm	1.72
PBC250X300	564300	50 mm	10.5 mm	1.72
PBC300X400	564400	60 mm	11 mm	1.65
PBC400X400	564500	80 mm	11 mm	1.6
PBC500X400	564600	100 mm	11 mm	1.65
PBC600X450	564700	100 mm	13 mm	1.6
PBC800X450	564800	100 mm	14 mm	1.6

## 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.

**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**