

PBC Braided Power Shunt

Data Solutions



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	ΔT 30 K	ΔT 50 K	Length (L)	A
PBC1000X450	564900	1000mm ²	1651A	2188A	450mm	105mm

CatalogNumber	Article Number	Cross Section	ΔT 30 K	ΔT 50 K	Length (L)	A
PBC100X250	564000	100mm ²	349A	462A	250mm	35mm
PBC100X500	564050	100mm ²	349A	462A	500mm	35mm
PBC1200X500	564030	1200mm ²	1982A	2626A	500mm	125mm
PBC120X250	564010	120mm ²	385A	511A	250mm	35mm
PBC1500X800	564910	1500mm ²	2300A	3048A	800mm	125mm
PBC150X250	564100	150mm ²	440A	583A	250mm	55mm
PBC150X500	564150	150mm ²	440A	583A	500mm	55mm
PBC200X250	564200	200mm ²	550A	729A	250mm	55mm
PBC200X500	564250	200mm ²	550A	729A	500mm	55mm
PBC250X300	564300	250mm ²	651A	863A	300mm	85mm
PBC300X400	564400	300mm ²	716A	948A	400mm	85mm
PBC400X400	564500	400mm ²	853A	1131A	400mm	85mm
PBC500X400	564600	500mm ²	917A	1216A	400mm	105mm
PBC600X450	564700	600mm ²	1101A	1459A	450mm	105mm
PBC800X450	564800	800mm ²	1376A	1823A	450mm	105mm

Table 2/2

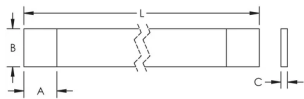
Catalog Number	Article Number	B	C	2 Bar Current Coefficient
PBC1000X450	564900	100mm	16mm	1.6
PBC100X250	564000	40mm	7mm	1.72

Catalog Number	Article Number	B	C	2 Bar Current Coefficient
PBC100X500	564050	40mm	7mm	1.72
PBC1200X500	564030	120mm	17.5mm	1.6
PBC120X250	564010	40mm	7.5mm	1.72
PBC1500X800	564910	150mm	17.5mm	1.32
PBC150X250	564100	50mm	8mm	1.72
PBC150X500	564150	50mm	8mm	1.72
PBC200X250	564200	50mm	9mm	1.72
PBC200X500	564250	50mm	9mm	1.72
PBC250X300	564300	50mm	10.5mm	1.72
PBC300X400	564400	60mm	11mm	1.65
PBC400X400	564500	80mm	11mm	1.6
PBC500X400	564600	100mm	11mm	1.65
PBC600X450	564700	100mm	13mm	1.6
PBC800X450	564800	100mm	14mm	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 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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