

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 0.15 mm

Material Copper

Finish Tinned

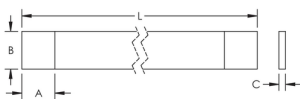
Catalog Number	Item Name	Cross Section	T 30 K	T 50 K	Length(L)	A	B	C	2 Bar Current Coefficient
PBC1000X450	564900	1,000 mm ²	1,651 A	2,188 A	450 mm	105 mm	100 mm	16 mm	1.60
PBC100X250	564000	100 mm ²	349 A	462 A	250 mm	35 mm	40 mm	7 mm	1.72
PBC100X500	564050	100 mm ²	349 A	462 A	500 mm	35 mm	40 mm	7 mm	1.72
PBC1200X500	564030	1,200 mm ²	1,982 A	2,626 A	500 mm	125 mm	120 mm	17.5 mm	1.60
PBC120X250	564010	120 mm ²	385 A	511 A	250 mm	35 mm	40 mm	7.5 mm	1.72

Catalog Number	Item Name	CrossSection	T 30 K	T 50 K	Length(L)	A	B	C	2 Bar Current Coefficient
PBC150X250	564100	150 mm ²	440 A	583 A	250 mm	55 mm	50 mm	8 mm	1.72
PBC150X500	564150	150 mm ²	440 A	583 A	500 mm	55 mm	50 mm	8 mm	1.72
PBC200X250	564200	200 mm ²	550 A	729 A	250 mm	55 mm	50 mm	9 mm	1.72
PBC200X500	564250	200 mm ²	550 A	729 A	500 mm	55 mm	50 mm	9 mm	1.72
PBC250X300	564300	250 mm ²	651 A	863 A	300 mm	85 mm	50 mm	10.5 mm	1.72
PBC300X400	564400	300 mm ²	716 A	948 A	400 mm	85 mm	60 mm	11 mm	1.65
PBC400X400	564500	400 mm ²	853 A	1,131 A	400 mm	85 mm	80 mm	11 mm	1.60
PBC500X400	564600	500 mm ²	917 A	1,216 A	400 mm	105 mm	100 mm	11 mm	1.65
PBC600X450	564700	600 mm ²	1,101 A	1,459 A	450 mm	105 mm	100 mm	13 mm	1.60
PBC800X450	564800	800 mm ²	1,376 A	1,823 A	450 mm	105 mm	100 mm	14 mm	1.60

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.

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



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