

# 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:** 0.01in  
**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	1973.52kcmil	1651A	2188A	17.7in	4.13in

CatalogNumber	Article Number	Cross Section	ΔT 30 K	ΔT 50 K	Length (L)	A
PBC100X250	564000	197.35kcmil	349A	462A	9.84in	1.38in
PBC100X500	564050	197.35kcmil	349A	462A	19.7in	1.38in
PBC1200X500	564030	2368.23kcmil	1982A	2626A	19.7in	4.92in
PBC120X250	564010	236.82kcmil	385A	511A	9.84in	1.38in
PBC150X250	564100	300kcmil	440A	583A	9.84in	2.17in
PBC150X500	564150	300kcmil	440A	583A	19.7in	2.17in
PBC200X250	564200	394.7kcmil	550A	729A	9.84in	2.17in
PBC200X500	564250	394.7kcmil	550A	729A	19.7in	2.17in
PBC250X300	564300	493.38kcmil	651A	863A	11.8in	3.35in
PBC300X400	564400	592.06kcmil	716A	948A	15.75in	3.35in
PBC400X400	564500	789.41kcmil	853A	1131A	15.75in	3.35in
PBC500X400	564600	986.76kcmil	917A	1216A	15.75in	4.13in
PBC600X450	564700	1184.12kcmil	1101A	1459A	17.7in	4.13in
PBC800X450	564800	1578.82kcmil	1376A	1823A	17.7in	4.13in

Table 2/2

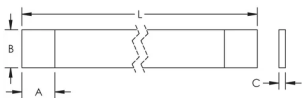
Catalog Number	Article Number	B	C	2 Bar Current Coefficient
PBC1000X450	564900	3.94in	0.63in	1.6
PBC100X250	564000	1.58in	0.28in	1.72
PBC100X500	564050	1.58in	0.28in	1.72

Catalog Number	Article Number	B	C	2 Bar Current Coefficient
PBC1200X500	564030	4.72in	0.69in	1.6
PBC120X250	564010	1.58in	0.3in	1.72
PBC150X250	564100	1.97in	0.32in	1.72
PBC150X500	564150	1.97in	0.32in	1.72
PBC200X250	564200	1.97in	0.35in	1.72
PBC200X500	564250	1.97in	0.35in	1.72
PBC250X300	564300	1.97in	0.41in	1.72
PBC300X400	564400	2.36in	0.43in	1.65
PBC400X400	564500	3.15in	0.43in	1.6
PBC500X400	564600	3.94in	0.43in	1.65
PBC600X450	564700	3.94in	0.51in	1.6
PBC800X450	564800	3.94in	0.55in	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.



Our powerful portfolio of brands:

**CADDY   ERICO   HOFFMAN   ILSCO   SCHROFF   TRACHTE**