

Increase Assembly Short-Circuit Current Ratings

New Cooper Bussmann Power Distribution Blocks With High SCCRs

- **NEW 2005 NEC® And UL508A SCCR Marking Requirements**

The following equipment must be marked with an assembly SCCR:

- Industrial Control Panels [409.110]
- Industrial Machinery Electrical Panels [670.3(A)]
- Certain HVAC Equipment [440.4(B)]
- Meter Disconnect Switches [230.82(3)]
- Certain Motor Controllers [430.8]

This SCCR is based on the lowest-rated component, or weakest link, in the assembly. Unmarked power distribution blocks will default to a rating of 10kA.

- **High Component SCCRs – Up To 200kA**

PDBs are often an assembly's lowest-rated component, or **“weak link,”** and may limit the assembly SCCR to only 10kA. Eliminate this **weak link** with these new, higher-rated PDBs.

- **Agency Listed**

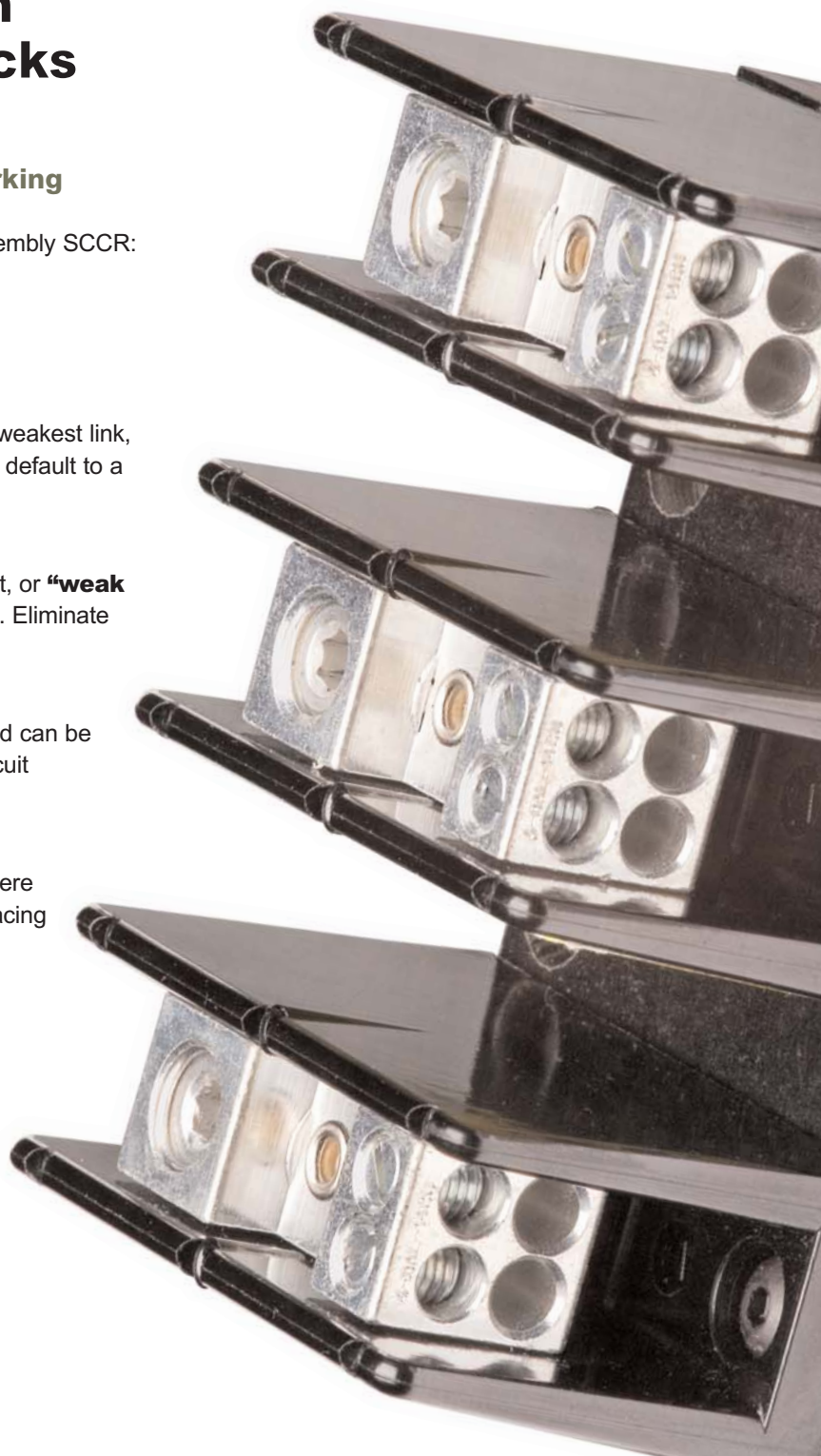
These new higher-rated PDBs are listed to UL1953 and can be used in UL508A panels for both feeder and branch circuit applications.

- **Expand Installation Flexibility**

Equipment with low SCCRs are limited to locations where only low-level short-circuit current is available. By replacing a low-rated PDB with a new Cooper Bussmann high SCCR PDB, an assembly can achieve a higher SCCR for more installation flexibility.

- **NEW 2005 NEC® Requirements For Wireways**

These new listed power distribution blocks can be used to meet the new 2005 NEC® requirement in section 376.56(B) for wireways.

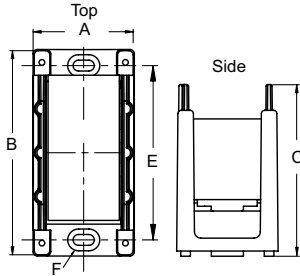


Cooper Bussmann UL Listed PDBs With High SCCRs

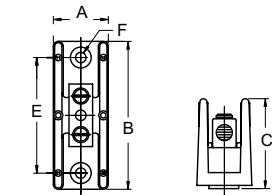
Dimensions — in (mm)

Get The High Assembly SCCR You Desire

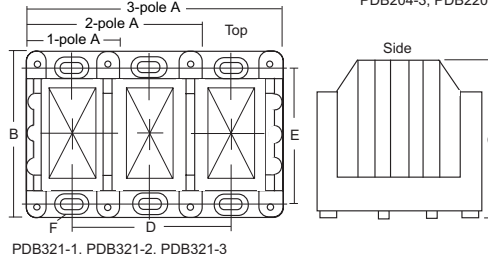
Listed to UL1953, with high SCCRs up to 200kA, these PDBs can replace a low-rated PDB to achieve a higher assembly SCCR.



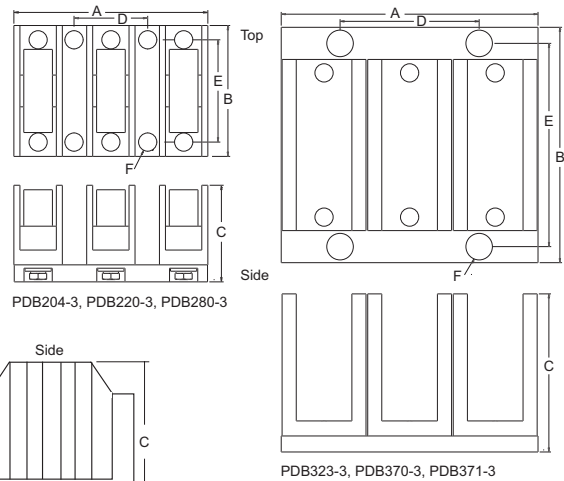
PDB323-1, PDB370-1, PDB371-1



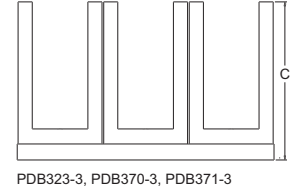
PDB204-1, PDB220-1, PDB280-1



PDB321-1, PDB321-2, PDB321-3



PDB204-3, PDB220-3, PDB280-3



PDB323-3, PDB370-3, PDB371-3

Catalog Numbers	A	B	C	D	E	F (Hole)
PDB204-3, PDB220-3, PDB280-3	4.27 (108.3)	2.88 (73.2)	2.13 (54.0)	1.62 (41.1)	2.25 (57.2)	0.22 (5.7)
PDB323-3, PDB370-3, PDB371-3	6.00 (152.4)	5.50 (139.7)	3.70 (93.9)	3.25 (82.6)	4.75 (120.7)	0.22 (5.7)
PDB323-1, PDB370-1, PDB371-1	1.96 (49.8)	3.38 (85.7)	3.32 (85.7)	—		0.21 (2.5) X 0.41 (10.4)
PDB204-1, PDB220-1, PDB280-1	1.07 (27.2)	2.88 (73.2)	1.75 (44.5)		2.25 (57.2)	0.20 (5.1)
PDB321-1	1.96 (49.8)	4.00 (101.6)	3.32 (84.3)	1.62 (41.1)	3.37 (85.6)	0.21 (5.3) X 0.41 (10.4)
PDB321-2	3.58 (90.9)	4.00 (101.6)	3.32 (84.3)	1.62 (41.1)	3.37 (85.6)	0.21 (5.3) X 0.41 (10.4)
PDB321-3	5.20 (132.1)	4.00 (101.6)	3.32 (84.3)	1.62 (41.1)	3.37 (85.6)	0.21 (5.3) X 0.41 (10.4)

Catalog Numbers (- # of Poles)	Wire Range		SCCR (Load-Side Wire Range)	Maximum Fuse Size	Amps	Terminals Line / Load
	Line	Load				
PDB204-1, -3	2/0 – #8 Cu	2/0 – #8 Cu	200kA	200A Class CC, G, J, T	175A	
PDB220-1, 3	2/0 – #8 Cu	(4) #4 – #14 Cu	200kA (#4 - #12) 100kA (#4 - #14)	200A Class CC, G, J, T 175A Class CC, G, J, T	175A	
PDB280-1, -3	2/0 – #8 Cu	¼ - 20 x ¾ stud	200kA	200A Class CC, G, J, T	175A	
PDB321-1, -2, -3	2/0 – #8 Cu	(6) #4 – #14 Cu	200kA (#4 - #12) 100kA (#4 - #14)	400A Class CC, G, J, T 175A Class CC, G, J, T	175A	
PDB323-1, -3	350kcmil – #4 Cu	(6) #4 – #12 Cu	200kA (#4 - #8) 100kA (#4 - #12)	400A Class CC, G, J, T 175A Class CC, G, J, T	310A	
PDB370-1, -3	350kcmil – #4 Cu	(12) #4 – #14 Cu	200kA (#4 - #8) 100kA (#4 - #14)	400A Class CC, G, J, T 175A Class CC, G, J, T	310A	
PDB371-1, -3	350kcmil – #4 Cu	(6) #2 – #12 Cu; (3) 1/0- #12 Cu	200kA (1/0 - #6) 100kA (#4 - #12)	400A Class CC, G, J, T 175A Class CC, G, J, T	310A	