COOPER Bussmann®
Power Distribution Block

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**

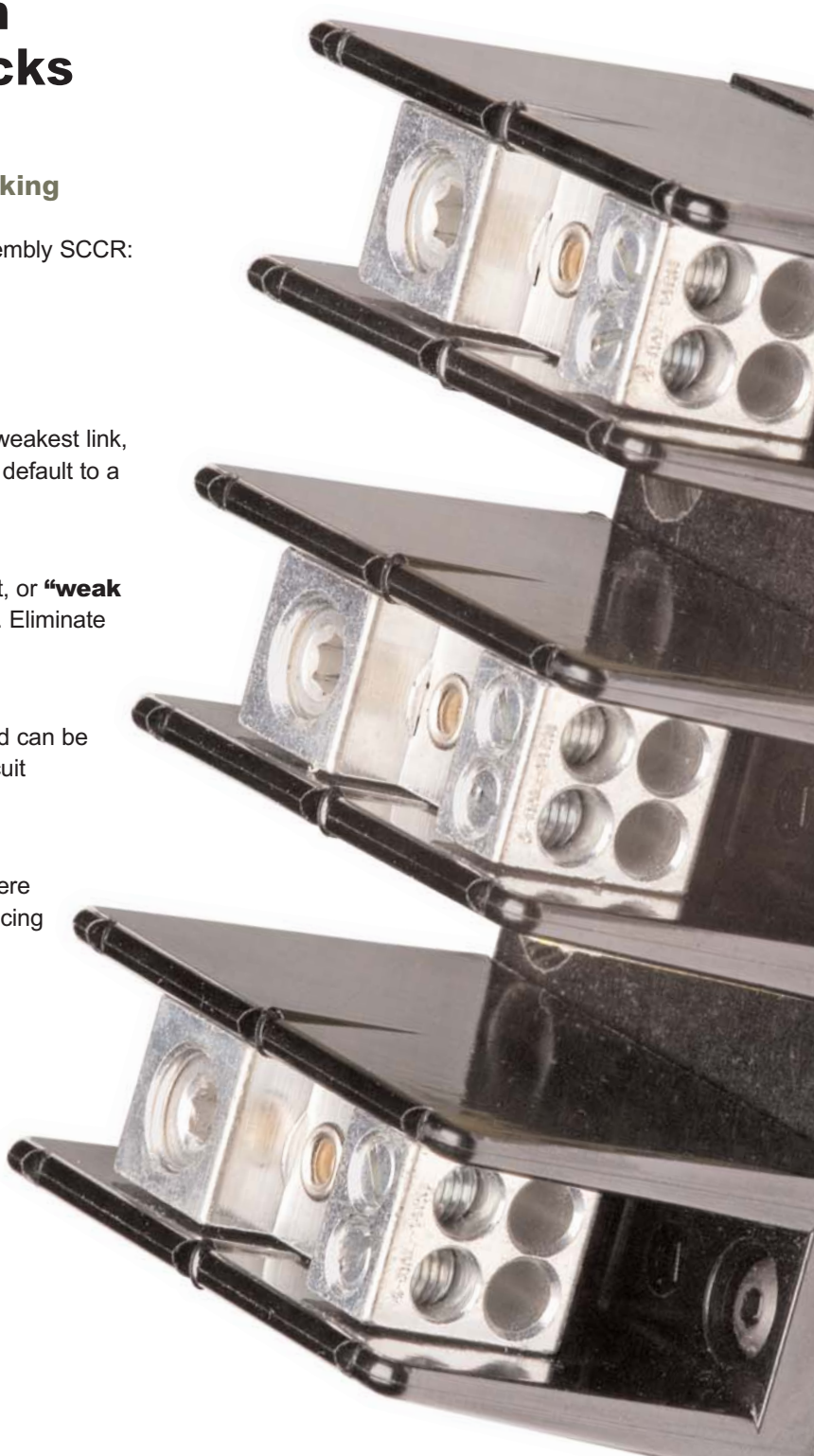
  These new higher-rated PDBs are listed to UL1953 and can be used in UL508A panels for both feeder and branch circuit applications.

- **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.



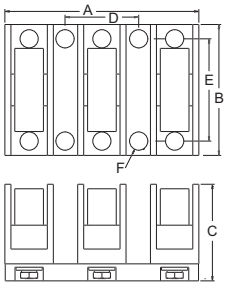
COOPER Bussmann

Cooper Bussmann UL Listed PDBs With High SCCRs

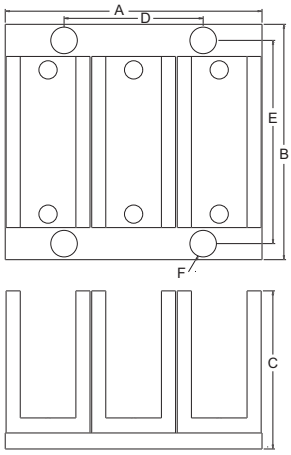
Get The High Assembly SCCR You Desire

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

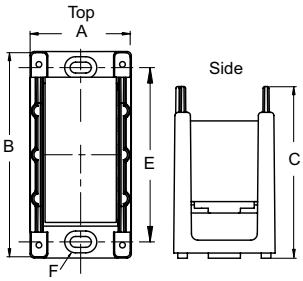
Dimensions — in (mm)



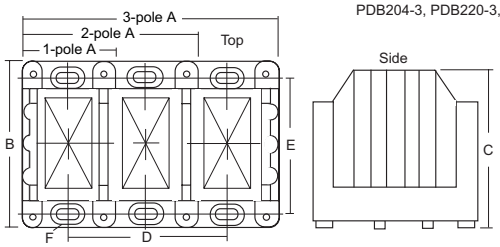
PDB204-3, PDB220-3, PDB280-3



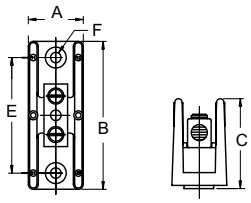
PDB323-3, PDB370-3, PDB371-3



PDB323-1, PDB370-1, PDB371-1



PDB321-1, PDB321-2, PDB321-3



PDB204-1, PDB220-1, PDB280-1

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 ¼ 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	

Reorder # 3134 4-06-7.5M