

Power Distribution & Terminal Blocks



Series 160, 162, 163 & 165

Ratings: To 840A, 600V; UL Recognized/CSA. See Table.

Materials: Molded material: Black, UL rated 94V-0 thermoplastic.

Agency Information: UL E221592 General Industrial Class per UL 1059; CSA Class 6228-01, File 53787.

Power Distribution Blocks (600V) Catalog Data

Part Number	Line Connection	Load Connection	Connector Material & Ampacity	Agency Information
*16021	2/0-#14CU, 2/0-#8AL	④#4-#14CU, #4-#8AL	AL-175A	UL CSA
*16023	350kcmil-#6CU-AL	④#4-#14CU, #4-#12AL	AL-310A	UL CSA
16220	2/0-#14CU, 2/0-#8AL	④#4-#14CU, #4-#8AL	AL-175A	UL CSA
16321	2/0-#14CU, 2/0-#8AL	④#4-#14CU, #4-#8AL	AL-175A	UL CSA
16323	350kcmil-#6CU-AL	④#4-#14CU, #4-#12AL	AL-310A	UL CSA
16325	②2/0-#14CU, 2/0-#8AL	④#4-#14CU, #4-#8AL	AL-350A	UL CSA
16330	500kcmil-#6CU-AL	④#2-#14CU, #2-#12AL	AL-380A	UL CSA
16332	350kcmil-#6CU-AL	②#2-#14CU, #2-#8AL ②1/0-#14CU, 1/0-#8AL	AL-310A	UL CSA
16335	500kcmil-#6CU-AL	③#2-#14CU, #2-#8AL ②1/0-#14CU, 1/0-#8AL	AL-380A	UL CSA
16370	350kcmil-#6CU-AL	①②#4-#14CU, #4-#12AL	AL-310A	UL CSA
16371	350kcmil-#6CU-AL	④#2-#14CU, #2-#8AL ③1/0-#14CU, 1/0-#8AL	AL-310A	UL CSA
16372	350kcmil-#6CU-AL	②①#10-#14CU, #10AL	AL-310A	UL CSA
16373	350kcmil-#6CU-AL	④1/0-#14CU-AL ①④#10-#14CU, #10AL	AL-310A	UL CSA
16375	600kcmil-#2CU-AL	①②#4-#14CU, #4-#12AL	AL-420A	UL CSA
16376	600kcmil-#2CU-AL	④#2-#14CU, #2-#8AL ③1/0-#14CU, 1/0-#8AL	AL-420A	UL CSA
16377	②300kcmil-#4CU-AL	①②#4-#14CU, #4-#12AL	AL-570A	UL CSA
16528	②600kcmil-#2CU-AL	④3/0-#6CU-AL ④#4-#14CU-AL	AL-840A	UL CSA
16530	②500kcmil-#6CU-AL	①②#4-#14CU-AL	AL-760A	UL CSA
16541	500kcmil-#6CU-AL	②①#6-#14CU-AL	AL-380A	UL CSA

*160 Series Bases have mounting holes outside the barriers. Other bases (162 through 165) have mounting holes within barriers. See Data Sheet for dimensional drawings.

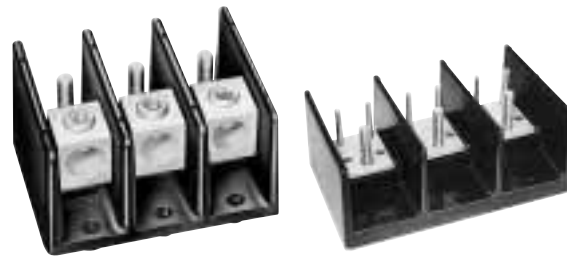
How To Order: Catalog Number + # of Poles

Example: 16020 – 3 (complete part number)

Optional covers:
 160 Series: CPB160 - (pole)
 162 Series: CPB162 - (pole)
 163 Series: CPDB- (pole)
 165 Series: CPDB165 (1 for each pole)

CE logo denotes compliance with European Union Low Voltage Directive (50-1000Vac, 75-1500Vdc). Refer to Data Sheet: 8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

Data Sheet: 1117 (Series 160, 162, 165); 1148 (Series 163)



Series 162, 163, 165

Ratings: To 760A, 600V; UL Recognized/CSA. See Table.

Materials: Molded material: Black, UL rated 94V-0 thermoplastic.

Agency Information: UL E221592 General Industrial Class per UL 1059; CSA Class 6228-01, File 53787.

Connector-Stud Blocks (600V) Catalog Data

Part Number	Line Connection	Load Connection	Connector Material & Ampacity	Agency Information
Connector to Stud				
16280	2/0-#14CU-AL	¼-20 x ¾ Stud	AL-175A	UL --
16281	2/0-#14CU-AL	¼-20 Tapped hole	AL-175A	UL --
16378	500kcmil-#6CU-AL	②¼-20 x 1 Stud	AL-380A	UL CSA
16383	500kcmil-#6CU-AL	①¾-16 x 1 Stud	AL-380A	UL CSA
16582	②500kcmil-#6CU-AL	②¾-16 x 1½ Stud	AL-760A	UL CSA
Stud to Stud				
16290	¼-20 x ¾ Stud	¼-20 x ¾ Stud	CU-175A	UL --
16390	¾-16 x 1½ Stud	¾-16 x 1½ Stud	CU-250A	UL CSA
16394	½-13 x 1⅞ Stud	½-13 x 1⅞ Stud	CU-400A	UL CSA
16395	¾-16 x 1⅞ Stud	②¼-20 x 9/16 Stud	CU-310A	UL CSA
16591	¾-16 x 1⅞ Stud	②¾-16 x 1⅞ Stud	CU-400A	UL CSA
16593	½-13 x 1 Stud	½-13 x 1 Stud	CU-600A	UL CSA

Series 160, 162, 163 and 165

Ratings: To 620A, 600V; UL Recognized/CSA. See Table.

Materials: Molded material: Black, UL rated 94V-0 thermoplastic.

Agency Information: UL E221592 General Industrial Class per UL 1059; CSA Class 6228-01, File 53787.

Power Distribution Blocks (600V) Catalog Data

Part Number	Line Connection	Load Connection	Connector Material & Ampacity	Agency Information
*16000	2/0-#8CU-AL	2/0-#8CU-AL	AL-175A	UL --
*16003	250kcmil-#6CU Only	250kcmil-#6CU Only	CU-255A	UL --
*16005	350kcmil-#6CU-AL	350kcmil-#6CU-AL	AL-310A	UL --
16200	#2-#14CU, #2-#8AL	#2-#14CU, #2-#8AL	AL-115A	UL --
16201	1/0-#14CU Only	1/0-#14CU Only	CU-150A	UL --
16204	2/0-#8CU-AL	2/0-#8CU-AL	AL-175A	UL --
16301	250kcmil-#6CU Only	250kcmil-#6CU Only	CU-255A	UL CSA
16303	350kcmil-#6CU-AL	350kcmil-#6CU-AL	AL-310A	UL CSA
16306	500kcmil-#6CU-AL	500kcmil-#6CU-AL	AL-380A	UL CSA
16500	②350kcmil-#4CU-AL	②350kcmil-#4CU-AL	AL-620A	UL CSA
16504	②500kcmil-#6CU-AL	②500kcmil-#6CU-AL	AL-760A	UL CSA

*160 Series Bases have mounting holes outside the barriers. Other bases (162 through 165) have mounting holes within barriers. See Data Sheet for dimensional drawings.

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Data Sheet: 1117 (Series 160, 162, 165)



Power Distribution Blocks



163 Series

(Replaces Bussmann 164 Series)

Ampere Ratings: up to 420A

Voltage Ratings: 600V

Construction: UL 94V0. Tin-plated aluminum connectors.

Agency Information:

UL Recognized: UL E221592

General Industrial Class per UL1059

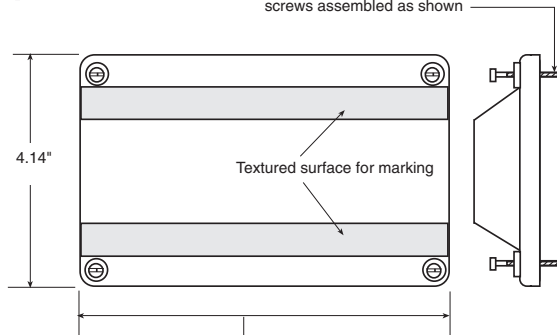
CSA Certified: CSA LR15364

Input/Output Termination Options

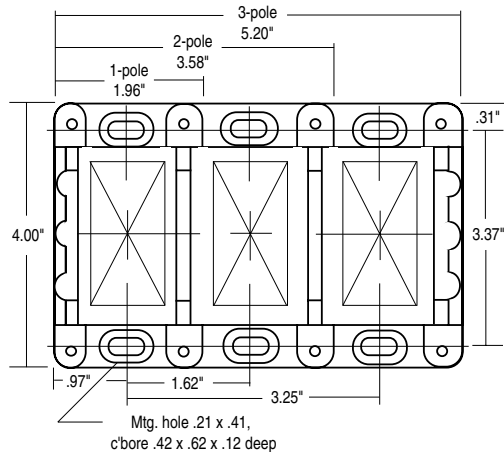
Basic Part No.	Wire Size		Amps/ Pole	Line/Load
	Line Side	Load Side		
16301*	250kcmil-#6CU Only	250kcmil-#6CU Only	255	
16303	350kcmil-#6CU-AL	350kcmil-#6CU-AL	310	
16306	500kcmil-#6CU-AL	500kcmil-#6CU-AL	380	
16321	2/0-#14CU, 2/0-#8AL	(6)#4-#14CU, #4-#8AL	175	
16323	350kcmil-#6CU-AL	(6)#4-#14CU, #4-#12AL	310	
16325	2/0-#14CU, 2/0-#8AL	(6)#4-#14CU, #4-#8AL	350	
16330	500kcmil-#6CU-AL	(6)#2-#14CU, #2-#12AL	380	
16332	350kcmil-#6CU-AL	(3)#2-#14CU, #2-#8AL (2) 1/0-#14CU, 1/0-#8AL	310	
16335	500kcmil-#6CU-AL	(3)#2-#14CU, #2-#8AL (2) 1/0-#14CU, 1/0-#8AL	380	
16370	350kcmil-#6CU-AL	(12)#4-#14CU, #4-#12AL	310	
16371	350kcmil-#6CU-AL	(6)#2-#14CU, #2-#8AL (3) 1/0-#14CU, 1/0-#8AL	310	
16372	350kcmil-#6CU-AL	(21)#10-#14CU, #10AL	310	
16373	350kcmil-#6CU-AL	(14)#10-#14CU, #10AL (3) 1/0-#14CU-AL	310	
16375	600kcmil-#2CU-AL	(12)#4-#14CU, #4-#12AL	420	
16376	600kcmil-#2CU-AL	(6)#2-#14CU, #2-#8AL (3) 1/0-#14CU, 1/0-#8AL	420	
16377	(2)300kcmil-#4CU-AL	(12)4-#14CU, #4-#12AL	570	
16378	500kcmil-#6CU-AL	Stud Size (2) 1/4-20 x 1	380	
16383	500kcmil-#6CU-AL	Stud Size (1) 3/8-16 x 1	380	
16390	Stud Size 3/8-16 x 1 1/8	Stud Size 3/8-16 x 1 1/8	250	
16394	Stud Size 1/2-13 x 1 1/16	Stud Size 1/2-13 x 1 1/16	400	
16395	Stud Size 3/8-16 x 1 7/16	Stud Size (2) 1/4-20 x 9/16	310	

Optional Covers:

Supplied with (4) #4 thread-cutting screws assembled as shown



CPDB-1 (single pole) 2.10"
 CPDB-2 (two pole) 3.72"
 CPDB-3 (three pole) 5.34"
 Covers ordered and shipped separately.



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Ordering Information:

163 Series blocks are available in 1, 2 or 3 poles. To order: **Basic Part No. + Number of poles**

Examples:
 16301-1 = (one-pole block)
 16303-3 = (three-pole block)

