

VERSIPOLE™

UL Listed 1953

Finger-Safe IEC 60527; IP-20

Rating

The VERSIPOLE™ Configurable Series Power Distribution Blocks are used for splicing and distributing power from primary run(s) to secondary/branch circuits. They are offered in standard one, two, or three pole configurations. Each configuration is available in either an "Open" or "Finger-Safe" style. The configurable series can also be designed to accommodate an infinite number of made-to-order combinations.

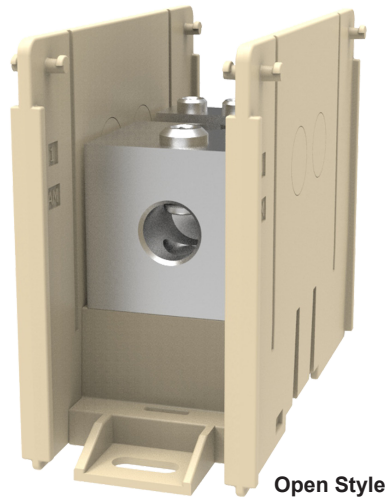


Figure 1

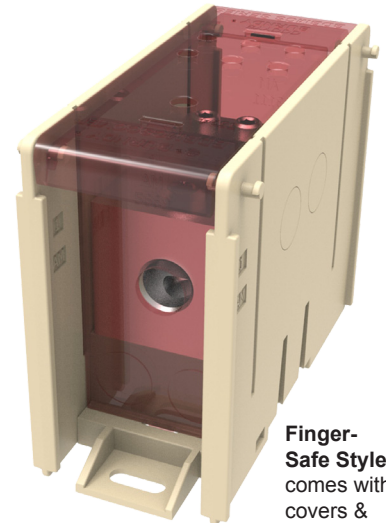


Figure 2

Finger-Safe Style comes with covers & end plates

Features & Benefits



- 1000 Volt rated
- Listed to UL1953
- Rated for use with both code and flex conductor without requiring ferrules
- Available in three sizes for space optimization
- AL9CU dual rated for use with copper and aluminum conductors
- Range taking designs accommodate wire sizes up to 535 DLO and can support 1 or 2 run conductors and up to 12 taps for secondary circuits
- Allow for panel mounting; medium and large sizes also allow for DIN rail mounting
- Finger-Safe style are provided with translucent polycarbonate top covers and end plates to permit easy visual inspection and provide IEC 60529 IP-20 Rating
- High Short-Circuit Current rating up to 100kA with proper fusing
- Bases and side barriers of glass-reinforced nylon 6/6 for extra durability and excellent insulating properties; carry a UL94 flammability rating of V0



Finger-Safe Kits include only covers & end plates

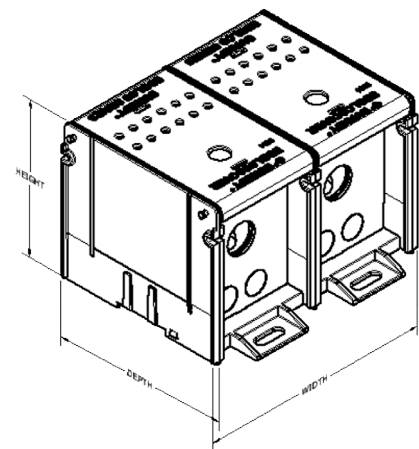
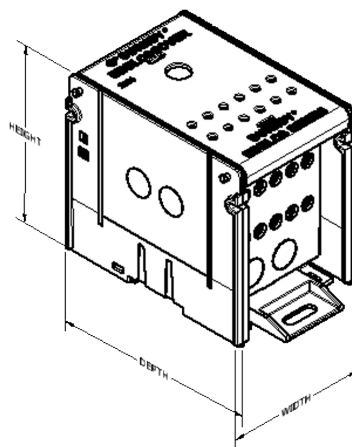
Figure 3

Ordering Information & Footnotes:

Finger-Safe Kits include translucent top cover and end plates only. Order 1 kit per pole. The kits are used in conjunction with Open style distribution blocks. (Distribution blocks are not included.)

† To achieve Finger-Safe style Adder order Open style Adder and Finger-Safe Kit

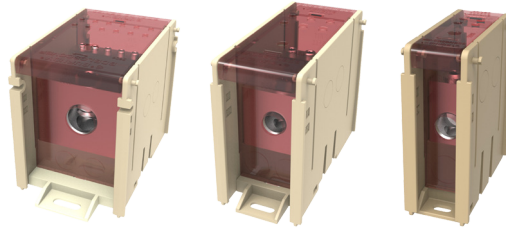
Optional Hinged Covers are available for use with Open style blocks and are ordered 1 cover per pole.



Optional Hinged Covers:	
Catalog Number	Size
BDBSCCOVER	Small
BDBMCCOVER	Medium
BDBLCSCOVER	Large

VERSIPOLE™

(Continued)



Finger-Safe Style
with covers & end plates

Small Series:

Catalog Number			# of Conductors		Wire Range (Class B, C, H, I, K, DLO)		# of Poles	Dimensions			Amp Rating per Pole
Open Style (Fig. 1)	Finger-Safe Style (Fig. 2)	Finger-Safe Kit (Fig. 3)	Run	Tap	Run	Tap		W	D	H	
BDBSCS1C1	BDBSCS1C1FS	BDBSCS1C1FSKIT	1	4	#14 - 2/0	#14 - #4	1	1.34	2.76	5.56	175
BDBSCS1C2	BDBSCS1C2FS						2	2.41	2.76	5.56	175
BDBSCS1C3	BDBSCS1C3FS						3	3.48	2.76	5.56	175
BDBSCS1CA	†						Adder	1.16	2.76	5.56	175
BDBSCS1P1	BDBSCS1P1FS	BDBSCS1P1FSKIT	1	1	#14 - 2/0	#14 - 2/0	1	1.34	2.76	5.56	175
BDBSCS1P2	BDBSCS1P2FS						2	2.41	2.76	5.56	175
BDBSCS1P3	BDBSCS1P3FS						3	3.48	2.76	5.56	175
BDBSCS1PA	†						Adder	1.16	2.76	5.56	175

Medium Series:

Catalog Number			# of Conductors		Wire Range (Class B, C, H, I, K, DLO)		# of Poles	Dimensions			Amp Rating per Pole
Open Style (Fig. 1)	Finger-Safe Style (Fig. 2)	Finger-Safe Kit (Fig. 3)	Run	Tap	Run	Tap		W	D	H	
BDBMCS1F1	BDBMCS1F1FS	BDBMCS1F1FSKIT	1	6	#14 - 2/0	#14 - #2	1	2.09	4.52	3.70	175
BDBMCS1F2	BDBMCS1F2FS						2	3.90	4.52	3.70	175
BDBMCS1F3	BDBMCS1F3FS						3	5.72	4.52	3.70	175
BDBMCS1FA	†						Adder	1.91	4.52	3.70	175
BDBMCS3U1	BDBMCS3U1FS	BDBMCS3U1FSKIT	1	1	#6 - 350	#6 - 350	1	2.09	4.52	3.70	310
BDBMCS3U2	BDBMCS3U2FS						2	3.90	4.52	3.70	310
BDBMCS3U3	BDBMCS3U3FS						3	5.72	4.52	3.70	310
BDBMCS3UA	†						Adder	1.91	4.52	3.70	310
BDBMCS2F1	BDBMCS2F1FS	BDBMCS2F1FSKIT	2	6	#14 - 2/0	#14 - #2	1	2.09	4.52	3.70	350
BDBMCS2F2	BDBMCS2F2FS						2	3.90	4.52	3.70	350
BDBMCS2F3	BDBMCS2F3FS						3	5.72	4.52	3.70	350
BDBMCS2FA	†						Adder	1.91	4.52	3.70	350
BDBMCS2N1	BDBMCS2N1FS	BDBMCS2N1FSKIT	2	2	#14 - 2/0	#14 - 2/0	1	2.09	4.52	3.70	350
BDBMCS2N2	BDBMCS2N2FS						2	3.90	4.52	3.70	350
BDBMCS2N3	BDBMCS2N3FS						3	5.72	4.52	3.70	350
BDBMCS2NA	†						Adder	1.91	4.52	3.70	350
BDBMCS5F1	BDBMCS5F1FS	BDBMCS5F1FSKIT	1	6	#4 - 500	#14 - #2	1	2.09	4.52	3.70	380
BDBMCS5F2	BDBMCS5F2FS						2	3.90	4.52	3.70	380
BDBMCS5F3	BDBMCS5F3FS						3	5.72	4.52	3.70	380
BDBMCS5FA	†						Adder	1.91	4.52	3.70	380
BDBMCS5M1	BDBMCS5M1FS	BDBMCS5M1FSKIT	1	4	#4 - 500	#14 - 2/0	1	2.09	4.52	3.70	380
BDBMCS5M2	BDBMCS5M2FS						2	3.90	4.52	3.70	380
BDBMCS5M3	BDBMCS5M3FS						3	5.72	4.52	3.70	380
BDBMCS5MA	†						Adder	1.91	4.52	3.70	380

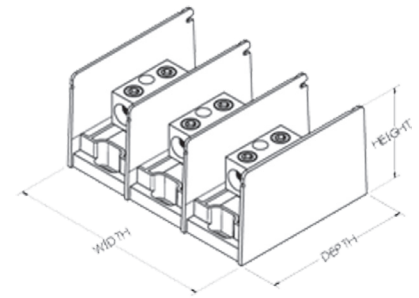
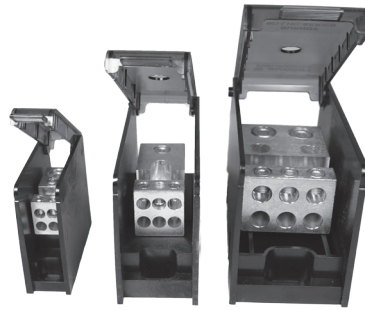
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Large Series:

Catalog Number			# of Conductors		Wire Range (Class B, C, H, I, K, DLO)		# of Poles	Dimensions			Amp Rating per Pole
Open Style (Fig. 1)	Finger-Safe Style (Fig. 2)	Finger-Safe Kit (Fig. 3)	Run	Tap	Run	Tap		W	D	H	
BDBLCS3A1	BDBLCS3A1FS	BDBLCS3A1FSKIT	1	12	#6 - 350	#14 - #4	1	3.25	5.54	4.12	310
BDBLCS3A2	BDBLCS3A2FS						2	6.17	5.54	4.12	310
BDBLCS3A3	BDBLCS3A3FS						3	9.09	5.54	4.12	310
BDBLCS3AA	†						Adder	3.05	5.54	4.12	310
BDBLCS3K1	BDBLCS3K1FS	BDBLCS3K1FSKIT	1	6	#6 - 350	#14 - 2/0	1	3.25	5.54	4.12	310
BDBLCS3K2	BDBLCS3K2FS						2	6.17	5.54	4.12	310
BDBLCS3K3	BDBLCS3K3FS						3	9.09	5.54	4.12	310
BDBLCS3KA	†						Adder	3.05	5.54	4.12	310
BDBLCS5K1	BDBLCS5K1FS	BDBLCS5K1FSKIT	1	6	#4 - 500	#14 - 2/0	1	3.25	5.54	4.12	380
BDBLCS5K2	BDBLCS5K2FS						2	6.17	5.54	4.12	380
BDBLCS5K3	BDBLCS5K3FS						3	9.09	5.54	4.12	380
BDBLCS5KA	†						Adder	3.05	5.54	4.12	380
BDBLCS5W1	BDBLCS5W1FS	BDBLCS5W1FSKIT	1	1	#4 - 500	#4 - 500	1	3.25	5.54	4.12	380
BDBLCS5W2	BDBLCS5W2FS						2	6.17	5.54	4.12	380
BDBLCS5W3	BDBLCS5W3FS						3	9.09	5.54	4.12	380
BDBLCS5WA	†						Adder	3.05	5.54	4.12	380
BDBLCS4K1	BDBLCS4K1FS	BDBLCS4K1FSKIT	2	6	#6 - 350	#14 - 2/0	1	3.25	5.54	4.12	620
BDBLCS4K2	BDBLCS4K2FS						2	6.17	5.54	4.12	620
BDBLCS4K3	BDBLCS4K3FS						3	9.09	5.54	4.12	620
BDBLCS4KA	†						Adder	3.05	5.54	4.12	620
BDBLCS4T1	BDBLCS4T1FS	BDBLCS4T1FSKIT	2	2	#6 - 350	#6 - 350	1	3.25	5.54	4.12	620
BDBLCS4T2	BDBLCS4T2FS						2	6.17	5.54	4.12	620
BDBLCS4T3	BDBLCS4T3FS						3	9.09	5.54	4.12	620
BDBLCS4TA	†						Adder	3.05	5.54	4.12	620
BDBLCS6A1	BDBLCS6A1FS	BDBLCS6A1FSKIT	2	12	#4 - 500	#14 - #4	1	3.25	5.54	4.12	760
BDBLCS6A2	BDBLCS6A2FS						2	6.17	5.54	4.12	760
BDBLCS6A3	BDBLCS6A3FS						3	9.09	5.54	4.12	760
BDBLCS6AA	†						Adder	3.05	5.54	4.12	760
BDBLCS6K1	BDBLCS6K1FS	BDBLCS6K1FSKIT	2	6	#4 - 500	#14 - 2/0	1	3.25	5.54	4.12	760
BDBLCS6K2	BDBLCS6K2FS						2	6.17	5.54	4.12	760
BDBLCS6K3	BDBLCS6K3FS						3	9.09	5.54	4.12	760
BDBLCS6KA	†						Adder	3.05	5.54	4.12	760
BDBLCS6R1	BDBLCS6R1FS	BDBLCS6R1FSKIT	2	4	#4 - 500	#6 - 4/0	1	3.25	5.54	4.12	760
BDBLCS6R2	BDBLCS6R2FS						2	6.17	5.54	4.12	760
BDBLCS6R3	BDBLCS6R3FS						3	9.09	5.54	4.12	760
BDBLCS6RA	†						Adder	3.05	5.54	4.12	760
BDBLCS6V1	BDBLCS6V1FS	BDBLCS6V1FSKIT	2	2	#4 - 500	#4 - 500	1	3.25	5.54	4.12	760
BDBLCS6V2	BDBLCS6V2FS						2	6.17	5.54	4.12	760
BDBLCS6V3	BDBLCS6V3FS						3	9.09	5.54	4.12	760
BDBLCS6VA	†						Adder	3.05	5.54	4.12	760

UL LISTED POWER DISTRIBUTION BLOCKS

VERSIPOLE™



These Power Distribution Blocks are Listed to the Power Distribution Block Standard UL 1953. They contain the same features and characteristics as the non-Listed blocks however, these have spacings that are suitable for installations in most industrial control panel feeder and branch circuits, HVAC systems, and Wireways (with optional cover; sold separately). They are available in one, two, or three pole configurations. An "Adder" is also available with optional End Barrier (sold separately), to allow user customized configurations.

Features & Benefits

- Single or dual run connections allow the user to minimize the number of connections required
- Suitable for use with aluminum or copper conductors providing maximum versatility
- Available in 3 sizes for optimization of space
- 600V, ALCU Rated; meets or exceeds industry standard requirements
- Range taking designs to accommodate wire sizes up to 600 kcmil
- High Short-Circuit Rating up to 100kA with proper fusing
- Meets spacing requirements of Industrial Control Panel Standard UL 508A (spacing of 1" through air and 2" over surface)
- Adders and End Barriers available separately for all 3 sizes providing capability to create as many poles as required
- Hinged Covers available separately to cover 3 sizes providing user protection and easy access to connector terminal block

¹ Short-Circuit Current Rating with proper fusing

Small Series:

Catalog Number	Connector		Run	Tap	Width	Height	Depth	Ampere Rating per Pole	Number of Poles	SCCR ¹
	Number of Run(s)	Number of Tap(s)	Wire Range AL9CU	Wire Range AL9CU						
BDCSHC142/01	1	4	14-2/0	14-4	1.05	2.81	3.08	175	1	100kA
BDASHC142/01	1	4	14-2/0	14-4	0.93	2.81	3.08	175	Adder	100kA
BDCSHC112/01	1	1	14-2/0	14-2/0	1.05	2.81	3.08	175	1	100kA
BDASHC112/01	1	1	14-2/0	14-2/0	0.93	2.81	3.08	175	Adder	100kA

Small Series Hinged Cover and End Barrier:

Catalog Number	Description
BDASHCEB	End Barrier for Small Series Adder Distribution Blocks
BDBSHCCOVER	Hinged Cover for use with Small Series Distribution Blocks and Adders (use of End Barrier necessary with Adders to attach cover). Order 1 cover per pole

UL LISTED POWER DISTRIBUTION BLOCKS

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Medium Series:

Catalog Number	Connector		Run	Tap	Width	Height	Depth	Ampere Rating per Pole	Number of Poles	SCCR ¹
	Number of Run(s)	Number of Tap(s)	Wire Range AL9CU	Wire Range AL9CU						
BDBMHC162/01	1	6	14-2/0	14-2	1.85	3.25	5	175	1	100kA
BDBMHC162/02	1	6	14-2/0	14-2	3.57	3.25	5	175	2	100kA
BDBMHC162/03	1	6	14-2/0	14-2	5.28	3.25	5	175	3	100kA
BDAMHC162/0	1	6	14-2/0	14-2	1.72	3.25	5	175	Adder	100kA
BDBMHC112/01	1	1	14-2/0	14-2/0	1.85	3.25	5	175	1	100kA
BDBMHC112/02	1	1	14-2/0	14-2/0	3.57	3.25	5	175	2	100kA
BDBMHC112/03	1	1	14-2/0	14-2/0	5.28	3.25	5	175	3	100kA
BDAMHC112/0	1	1	14-2/0	14-2/0	1.72	3.25	5	175	Adder	100kA
BDBMHC113501	1	1	6-350	6-350	1.85	3.25	5	310	1	100kA
BDBMHC113502	1	1	6-350	6-350	3.57	3.25	5	310	2	100kA
BDBMHC113503	1	1	6-350	6-350	5.28	3.25	5	310	3	100kA
BDAMHC11350	1	1	6-350	6-350	1.72	3.25	5	310	Adder	100kA
BDBMHC262/01	2	6	14-2/0	14-2	1.85	3.25	5	350	1	100kA
BDBMHC262/02	2	6	14-2/0	14-2	3.57	3.25	5	350	2	100kA
BDBMHC262/03	2	6	14-2/0	14-2	5.28	3.25	5	350	3	100kA
BDAMHC262/0	2	6	14-2/0	14-2	1.72	3.25	5	350	Adder	100kA
BDBMHC222/01	2	2	14-2/0	14-2/0	1.85	3.25	5	350	1	100kA
BDBMHC222/02	2	2	14-2/0	14-2/0	3.57	3.25	5	350	2	100kA
BDBMHC222/03	2	2	14-2/0	14-2/0	5.28	3.25	5	350	3	100kA
BDAMHC222/0	2	2	14-2/0	14-2/0	1.72	3.25	5	350	Adder	100kA
BDBMHC145001	1	4	4-500	14-2/0	1.85	3.25	5	380	1	100kA
BDBMHC145002	1	4	4-500	14-2/0	3.57	3.25	5	380	2	100kA
BDBMHC145003	1	4	4-500	14-2/0	5.28	3.25	5	380	3	100kA
BDAMHC14500	1	4	4-500	14-2/0	1.72	3.25	5	380	Adder	100kA
BDBMHC1625001	1	6	4-500	14-2	1.85	3.25	5	380	1	100kA
BDBMHC1625002	1	6	4-500	14-2	3.57	3.25	5	380	2	100kA
BDBMHC1625003	1	6	4-500	14-2	5.28	3.25	5	380	3	100kA
BDAMHC162500	1	6	4-500	14-2	1.72	3.25	5	380	Adder	100kA

Medium Series Hinged Cover and End Barrier:

Catalog Number	Description
BDAMHCEB	End Barrier for Medium Series Adder Distribution Blocks
BDBMHCCOVER	Hinged Cover for use with Medium Series Distribution Blocks and Adders (use of End Barrier necessary with Adders to attach cover). Order 1 cover per pole

UL LISTED POWER DISTRIBUTION BLOCKS

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Large Series:

Catalog Number	Connector		Run	Tap	Width	Height	Depth	Ampere Rating per Pole	Number of Poles	SCCR¹
	Number of Run(s)	Number of Tap(s)	Wire Range AL9CU	Wire Range AL9CU						
BDBLHC1123501	1	12	6-350	14-4	2.73	3.55	5.7	310	1	100kA
BDBLHC1123502	1	12	6-350	14-4	5.31	3.55	5.7	310	2	100kA
BDBLHC1123503	1	12	6-350	14-4	7.89	3.55	5.7	310	3	100kA
BDALHC112350	1	12	6-350	14-4	2.58	3.55	5.7	310	Adder	100kA
BDBLHC163501	1	6	6-350	14-2/0	2.73	3.55	5.7	310	1	100kA
BDBLHC163502	1	6	6-350	14-2/0	5.31	3.55	5.7	310	2	100kA
BDBLHC163503	1	6	6-350	14-2/0	7.89	3.55	5.7	310	3	100kA
BDALHC16350	1	6	6-350	14-2/0	2.58	3.55	5.7	310	Adder	100kA
BDBLHC115001	1	1	4-500	4-500	2.73	3.55	5.7	380	1	100kA
BDBLHC115002	1	1	4-500	4-500	5.31	3.55	5.7	380	2	100kA
BDBLHC115003	1	1	4-500	4-500	7.89	3.55	5.7	380	3	100kA
BDALHC11500	1	1	4-500	4-500	2.58	3.55	5.7	380	Adder	100kA
BDBLHC165001	1	6	4-500	14-2/0	2.73	3.55	5.7	380	1	100kA
BDBLHC165002	1	6	4-500	14-2/0	5.31	3.55	5.7	380	2	100kA
BDBLHC165003	1	6	4-500	14-2/0	7.89	3.55	5.7	380	3	100kA
BDALHC16500	1	6	4-500	14-2/0	2.58	3.55	5.7	380	Adder	100kA
BDBLHC2125001	2	12	4-500	14-4	2.73	3.55	5.7	760	1	100kA
BDBLHC2125002	2	12	4-500	14-4	5.31	3.55	5.7	760	2	100kA
BDBLHC2125003	2	12	4-500	14-4	7.89	3.55	5.7	760	3	100kA
BDALHC212500	2	12	4-500	14-4	2.58	3.55	5.7	760	Adder	100kA
BDBLHC263501	2	6	6-350	14-2/0	2.73	3.55	5.7	620	1	100kA
BDBLHC263502	2	6	6-350	14-2/0	5.31	3.55	5.7	620	2	100kA
BDBLHC263503	2	6	6-350	14-2/0	7.89	3.55	5.7	620	3	100kA
BDALHC26350	2	6	6-350	14-2/0	2.58	3.55	5.7	620	Adder	100kA
BDBLHC223501	2	2	6-350	6-350	2.73	3.55	5.7	620	1	100kA
BDBLHC223502	2	2	6-350	6-350	5.31	3.55	5.7	620	2	100kA
BDBLHC223503	2	2	6-350	6-350	7.89	3.55	5.7	620	3	100kA
BDALHC22350	2	2	6-350	6-350	2.58	3.55	5.7	620	Adder	100kA
BDBLHC225001	2	2	4-500	4-500	2.73	3.55	5.7	760	1	100kA
BDBLHC225002	2	2	4-500	4-500	5.31	3.55	5.7	760	2	100kA
BDBLHC225003	2	2	4-500	4-500	7.89	3.55	5.7	760	3	100kA
BDALHC22500	2	2	4-500	4-500	2.58	3.55	5.7	760	Adder	100kA

UL LISTED POWER DISTRIBUTION BLOCKS

VERSIPOLE™



Large Series (continued):

Catalog Number	Connector		Run	Tap	Width	Height	Depth	Ampere Rating per Pole	Number of Poles	SCCR ¹
	Number of Run(s)	Number of Tap(s)	Wire Range AL9CU	Wire Range AL9CU						
BDBLHC265001	2	6	4-500	14-2/0	2.73	3.55	5.7	760	1	100kA
BDBLHC265002	2	6	4-500	14-2/0	5.31	3.55	5.7	760	2	100kA
BDBLHC265003	2	6	4-500	14-2/0	7.89	3.55	5.7	760	3	100kA
BDALHC26500	2	6	4-500	14-2/0	2.58	3.55	5.7	760	Adder	100kA
BDBLHC245001	2	4	4-500	6-4/0	2.73	3.55	5.7	760	1	100kA
BDBLHC245002	2	4	4-500	6-4/0	5.31	3.55	5.7	760	2	100kA
BDBLHC245003	2	4	4-500	6-4/0	7.89	3.55	5.7	760	3	100kA
BDALHC24500	2	4	4-500	6-4/0	2.58	3.55	5.7	760	Adder	100kA
BDBLHC226001	2	2	2-600	2-600	2.73	3.55	5.7	840	1	100kA
BDBLHC226002	2	2	2-600	2-600	5.31	3.55	5.7	840	2	100kA
BDBLHC226003	2	2	2-600	2-600	7.89	3.55	5.7	840	3	100kA
BDALHC22600	2	2	2-600	2-600	2.58	3.55	5.7	840	Adder	100kA

Large Series Hinged Cover and End Barrier:

Catalog Number	Description
BDALHCEB	End Barrier for Large Series Adder Distribution Blocks
BDBLHCCOVER	Hinged Cover for use with Large Series Distribution Blocks and Adders (use of End Barrier necessary with Adders to attach cover). Order 1 cover per pole

POWER DISTRIBUTION BLOCKS

U-BLOK™

For Junction Box Applications

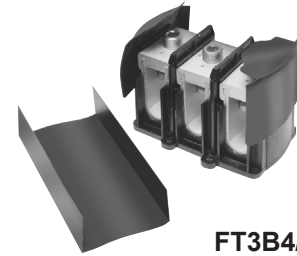
The U-BLOK™ system is a modern, state-of-the-art approach to multi-load power distribution applications. Among typical uses are multi-story or multi-unit buildings, HVAC, refrigeration, control panels, motor control, switch gear, elevator systems and materials handling equipment. U-BLOK™ is UL Listed for Copper or Aluminum conductors and rated for 600-volt applications. U-BLOK™ can be mounted on bases for use in troughs or bolted directly to junction boxes. AL9CU rated.

Features & Benefits

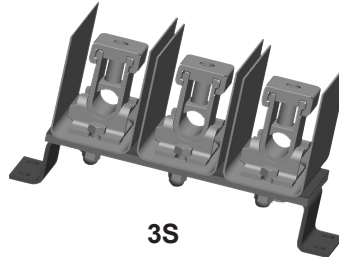
- Connector top slides OFF/ON for quick cable lay-in
 - ◊ Labor savings. Easy access for installation, modifications or retrofit.
- Electro-tin plated connectors in each pole
 - ◊ Durability. High-conductivity and resistance to corrosion.
- Compact size
 - ◊ Requires less space than traditional connection methods.
- Trough installations can be mounted on



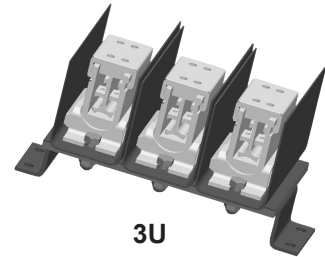
FT4B500



FT3B4/0



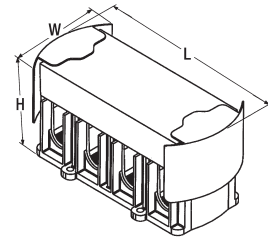
3S



3U

raised platforms

- ◊ Passage of cables under block means through-cables need not be terminated
- Insulating covers and mounting blocks rated 94-VO
 - ◊ Saves costly taping, time and material. Conforms to or exceeds building codes.
- Connectors accommodate a wide range of wire sizes
 - ◊ Reduces parts inventory requirements.
- Feeder conductors can be cut or fed through on a continuous run
 - ◊ Ease of installation.



3 WIRE POWER DISTRIBUTION BLOCKS

Catalog Number	Max. Number of Wires per Phase	Conductor Copper or Aluminum*		W	L	H	Weight Each	Allen Wrench Size	Recommended Tightening Torque	Strip Length
		Run	Tap							
FT3B4/0	2	3/0 - 4/0	6 - 4/0	3-7/8	5-7/8	4-1/8	1-1/4	1/4	200	1-1/2
FT3B500	2	400 - 500	6 - 500	3-7/8	5-7/8	4-1/8	2-1/8	3/8	375	2-5/16
3S	2	250 - 350	6 - 350	3-5/8	9-3/4	4-7/8	3	1/4	200	1-3/4
3U	1 Run / 8 Tap	3/0 - 500	6 - 1/0	4-3/4	9-3/4	5-1/2	3	5/32	110	2-5/16 (Run); 1-5/32 (Tap)

4 WIRE POWER DISTRIBUTION BLOCKS

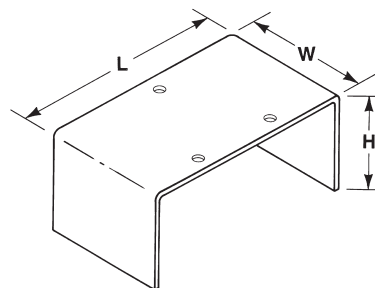
Catalog Number	Max. Number of Wires per Phase	Conductor Copper or Aluminum*		W	L	H	Weight Each	Allen Wrench Size	Recommended Tightening Torque	Strip Length
		Run	Tap							
FT4B4/0	2	3/0 - 4/0	6 - 4/0	3-7/8	7-7/8	4-1/8	2	1/4	200	1-1/2
FT4B500	2	400 - 500	6 - 500	3-7/8	7-7/8	4-1/8	2-3/4	3/8	375	2-5/16
4S	2	250 - 350	6 - 350	3-5/8	11-3/4	4-7/8	3-1/2	1/4	200	1-3/4
4U	1 Run / 8 Tap	3/0 - 500	6 - 1/0	4-3/4	11-3/4	5-1/2	3-1/2	5/32	110	2-5/16 (Run); 1-5/32 (Tap)

PENETROX™ inhibitor is recommended for all aluminum wire connections.
 For two wire tap range is 8 through 1/0.

* Aluminum and copper conductors cannot be assembled under the same pressure plate or t-bar.

U-BLOK™ MOUNTING PLATFORMS

For Trough Applications



Catalog Number	W	L	H	Gutter Size	Weight Each (lb)
TBPT6	4-1/4	5-7/8	1-1/2	6'	3/4
TBPT8	4-1/4	7-7/8	3-1/2	8"	1-1/4
TBPT10	4-1/4	9-7/8	4	10"	1-1/2
TBPT12	4-1/4	11-7/8	4	12"	1-3/4

Hole pattern shown is for reference only.

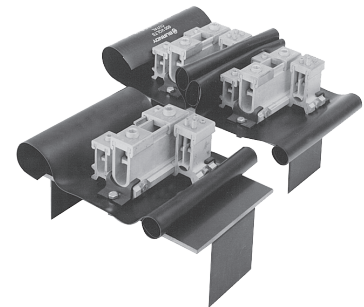
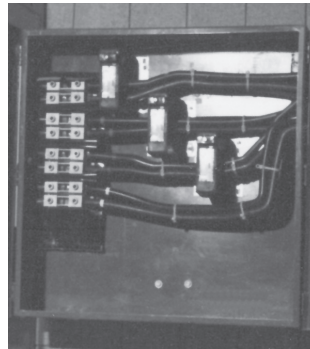
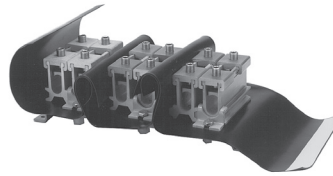
ALLOWABLE AMPACITIES OF INSULATED CONDUCTOR, 60° TO 90° C **

Size AWG kcmil	Copper			Al or Copper Clad Al		
	60 deg. C	75 deg. C	90 deg. C	60 deg. C	75 deg. C	90 deg. C
12	25	25	30	20	20	25
10	30	35	40	25	30	35
8	40	50	55	30	40	45
6	55	65	75	40	50	60
4	70	85	95	55	65	75
3	85	100	110	65	75	85
2	95	115	130	75	90	100
1	110	130	150	85	100	115
1/0	125	150	170	100	120	135
2/0	145	175	195	115	135	150
3/0	165	200	225	130	155	175
4/0	195	230	260	150	180	205
250	215	255	290	170	205	230
300	240	285	320	190	230	255
350	260	310	350	210	250	280
400	280	335	380	225	270	305
500	320	380	430	260	310	350
600	355	420	475	285	340	385
700	385	460	520	310	375	420
750	400	475	535	320	385	435

**** NOTE:** Values referenced from Article 310 of the National Electric Code, Table 310-16, 1996. The above chart is to be used for REFERENCE ONLY. Please consult Table 310-16 of the National Electric Code (latest revision) for information regarding insulation type, voltage range, and conductor housings/surroundings. U-TAP™, U-BLOK™, and SPEC-BLOK™ connectors are rated for 90 deg. C by Underwriters' Laboratories. Use of 60 deg. C and 75 deg. C conductor(s) is valid, though only as determined by the National Electric Code.

SPEC-BLOK™ POWER DISTRIBUTION CONNECTORS

Unique, modular, made-to-order, power distribution assemblies accommodate any number of supply and load conductors in any number of poles. Capacity matches the conductors accommodated and SPEC-BLOK™ assures uniform loading. Adjacent poles are separated by easy-to handle, wrap-around insulating covers which eliminate taping and reduce heat build-up by allowing air to flow freely around connectors. SPEC-BLOK™ is UL Listed for copper or aluminum conductors for 600 volts. (AL9CU) Assemblies are mounted on platforms suitable for easy installation in wireway or junction box.



Features & Benefits

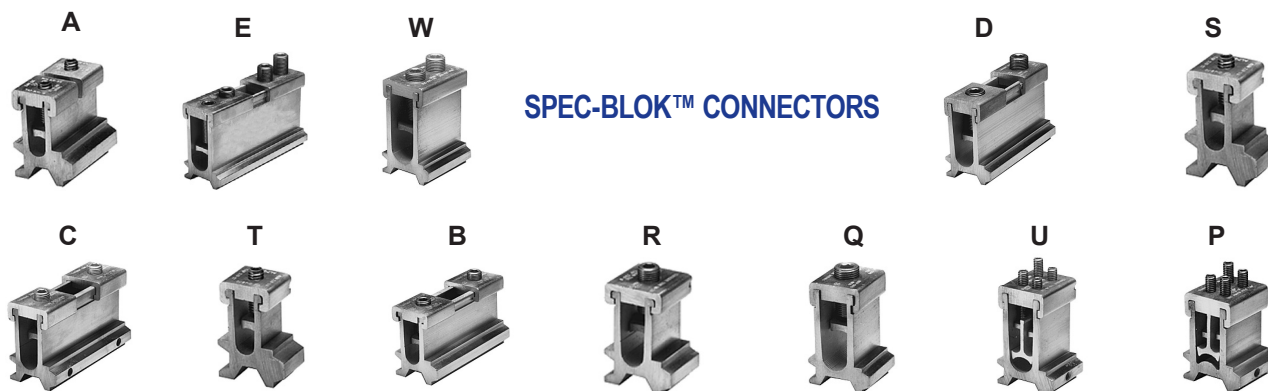
- Accommodate unlimited conductors
 - ◇ Fits wide range of applications.
 - Eliminates need for non-UL-Listed improvisation.
- Connector elements tin-plated
 - ◇ Provides high reliability, low-resistance connections.
- User friendly, space-saving design
 - ◇ Easy to install - saves labor.
- 94-VO rated insulation folds into place insulating the components
 - ◇ Saves time and material. Allows easy installation.
- Connector caps removable for easy cable lay-in
 - ◇ Saves labor. Makes installation easier - allows installation of straight-through conductors.
 - Eases retrofit.
- Belleville washers built-in on pressure screw assemblies, except in assemblies installed with a 5/32" Allen wrench
 - ◇ Provides high-integrity connections.
- Conductors can be cut or fed straight through
 - ◇ Straight through installation ideal for riser applications.

Contact BURNDY® or Technical Services: 1-800-451-4956,
or BURNDY® Customer Service: 1-800-346-4175

SPEC-BLOK™

Features & Benefits

- The SPEC-BLOK™ system includes 12 connector elements
 - ◇ A wide variety of conductor sizes can be accommodated
- Each element can be bolted together in parallel
 - ◇ Provides an efficient flow of current from one element to another
- AL9CU rated for Copper or Aluminum conductors
 - ◇ Dual-rated system, with UL486B's highest temperature rating
- 2 Wire (series), 4 (parallel), and Multi-Tap versions available
 - ◇ Nearly any conductor combination can be terminated
- Tin-plated Aluminum Alloy Construction
 - ◇ High-strength, corrosion-resistant connector elements
- All SPEC-BLOK™ connectors are custom made for nearly any Power Distribution system requirement
 - ◇ Time savings — pre-assembled in our factory for immediate installation!



SPEC-BLOK™ CONNECTORS

Catalog Designation (Maximum Conductor)		Number of Conductors Accommodated		AL or CU Wire Range Under Each Cap		Dimensions				Allen Wrench Size
4 Conductor	2 Conductor	4 Conductor	2 Conductor	First Conductors MUST Be	Second Conductor (if required) May Be	Height On Max Conductors	Width	Length Without Insulator		
								4 Conductor	2 Conductor	
A	Q	1 to 4 (0, 1 or 2 per cap)	1 or 2 per cap	1/0 - 2/0	#12 - 2/0	2-9/16"	1-1/2"	2-1/8"	7/8"	5/32"
(2/0)										
B	R			3/0 - 250	#6 - 250	3-1/8"	1-11/16"	4-1/4"	1-3/8"	1/4"
(250)										
C	S			250 - 350	#6 - 350	3-5/16"	1-13/16"	4-5/8"	1-1/2"	3/8"
(350)										
D	T			400 - 500	#6 - 500	4-1/16"	2"	5-5/8"	1-3/4"	
(500)										
E	W			600 - 750	3/0 - 750	4-7/8"	2-1/4"	7-1/4"	2-5/8"	
(750)										

Catalog Designation (Maximum Conductor)	Number of Conductors Accommodated	Large Groove	Small Grooves**	Height On Maximum Conductors	Width	Length Without Insulator	Allen Wrench Size
P (1/0)	1 to 8 (0, 1 or 2 under each screw)	—	6 - 1/0	3-1/2"	2"	1-3/4"	5/32"
U (1/0 & 500)	2 to 9 (0, 1 or 2 under each screw plus one large conductor)	3/0 - 500	6 - 1/0	4-1/8"	2"		

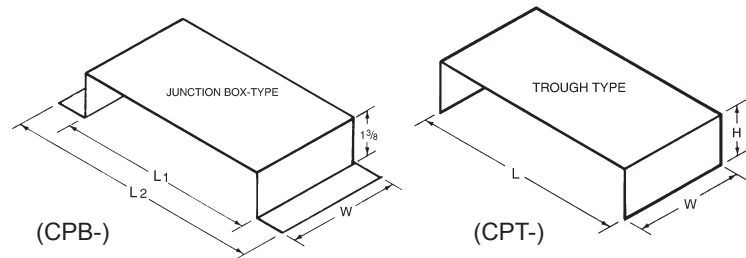
** This range may be expanded to include #8 provided two conductors are being installed in that particular element.

SPEC-BLOK™

MOUNTING PLATFORMS

SPEC-BLOK™ Mounting Platforms are rigid steel construction with a black finish.

They can be supplied for junction box mounting or wireway construction allowing trough conductors to pass underneath the assemblies.



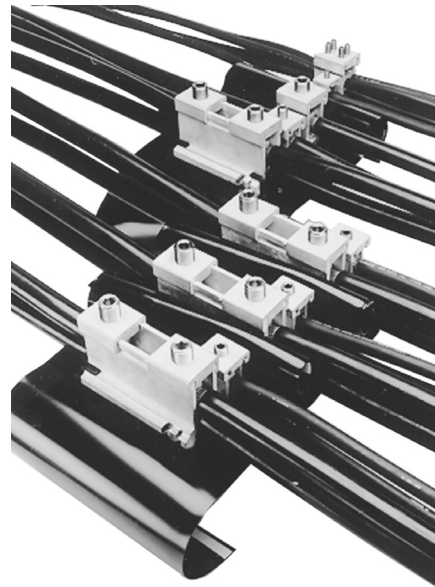
Catalog Number	L (Nominal)	L (Overall)	W (Overall)
CPB6	6	7-3/4	2-1/2
CPB8	8	9-3/4	2-1/2
CPB10	10	11-3/4	2-1/2
CPB12	12	13-3/4	3-1/2
CPB14	14	15-3/4	3-1/2
CPB16-5/8	16-5/8	18-3/8	3-1/2
CPB21-1/4	21-1/4	23	3-1/2

Catalog Number	L (Nominal)	H	W (Overall)
CPT6	5-7/8	2-1/4	2-1/2
CPT8	7-7/8	3	3-1/2
CPT10	9-7/8	3-1/2	3-1/2
CPT12	11-7/8	4	3-1/2
CPT16	15-7/8	4	3-1/2

SPEC-BLOK™ catalog numbers describe exactly how the distribution block is assembled:

- 5 Total number of poles in the completed assembly
- DR One 'D' unit and one 'R' unit, bolted in parallel, forming each phase pole (3 phase poles)
- N Denotes the beginning of the neutral pole (where required)
- DST One 'D' unit, one 'S' unit, and one 'T' unit, bolted in parallel, forming the neutral pole
- G Denotes the beginning of the ground pole description (where required)
- QP One 'Q' unit and one 'P' unit, bolted in parallel, forming the ground pole
- 12 Size (inches) of the wireway or trough that is needed to enclose the assembly. If a junction box enclosure is used, no number is used to denote the size of the enclosure

5DR-NDST-GQP-12 (assembly pictured)



SPEC-BLOK™ IS A SYSTEM THAT CAN SOLVE MOST POWER DISTRIBUTION APPLICATIONS!

Questionnaire

For SPEC-BLOK™ Applications

How many poles in the system? (3-wire, 4-wire, single phase, etc.)? _____ poles

Are neutral conductors (when required) different sizes (AWG/kcmil) than the phase conductors?

_____ same size _____ different size

Is a ground connection required? ☐ Yes ☐ No

What are the quantities, sizes (AWG/kcmil) and material (Al/Cu) of the incoming line conductors and outgoing load conductors?

		QUANTITY	SIZE	CONDUCTOR TYPE
PER PHASE	LINE			
	LOAD			
NEUTRAL ☐ Yes ☐ No	LINE			
	LOAD			
GROUND ☐ Yes ☐ No	LINE			
	LOAD			

Are any conductors continuous? ☐ Yes ☐ No

If yes, which ones? _____

What kind of enclosure is the connection assembly being mounted in and what are the inside space dimensions?

Wireway/trough size _____

Box, panel, cabinet, other size _____

When is a quotation required? Date _____ When is the material required? Date _____

Name of requestor _____ Job name/reference _____

Is there a preference for a particular BURNDY distributor? ☐ Yes ☐ No

If yes, please give the name, location and telephone number

Name _____ Phone _____

Address _____

Questions? Call BURNDY® Technical Services at 800-451-4956.