

Power Distribution Blocks

A powerful way to manage your power distribution challenges.



Your problem:

You're facing the enormously complex wiring requirements of an automated manufacturing facility. Or the compatibility problems of a commercial complex retrofit. Or the need for seamless electrical service in a hospital annex that's anything but seamless. Where can you turn to solve your power distribution problems?

Our solution: Well beyond circuit protection solutions. Mersen offers you an arsenal of circuit management products. One of which is our line of polycarbonate 600V / 90 to 1520A Power Distribution Blocks. Safe and convenient, durable and easy to install, they're the simple way to split primary power circuits into secondary circuits — or provide fixed-junction tap-off points. Either way, our full range of sizes accommodate any gauge aluminum or copper conductor. Exclusive adder poles snap onto the 1, 2, or 3-pole blocks for maximum pole flexibility . . . and safety covers are available.

Want more information fast? For more technical or application-specific information, please call our Power Distribution Block experts, at 978-462-6662; 416-252-9371 in Canada; or visit our website at ep-us.mersen.com.

I Power Distribution Blocks

- Finger-Safe / FSPDB Series12
- Open Style 62000-6900014
- 62000-63000 Mini Series15
- 66000-67000 Intermediate Series16
- 68000-69000 Large Series18

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FSPDB Finger-Safe Power Distribution Blocks

Safety evolving

Mersen FSPDBs introduce a new level of safety and ease for installing power distribution blocks. An IP20 level of finger-safe protection is achieved using FSPDBs, eliminating the need for special covers or custom Plexiglas sheets to protect your panels. FSPDBs (sizes 1 to 4) simply snap onto 35mm DIN rail to provide the quickest installation. Modular design also allows for multi pole applications by use of assembly pins. FSPDBs provide a safe, convenient way of splicing cables, splitting primary power into a variety of secondary circuits or providing a fixed junction tap-off point.

Features/Benefits:

- **Finger-safe protection**
Fully insulated block ensures touch safe isolation of live parts. Recessed termination screws and wire openings provide IP20 grade protection and qualify as “finger-safe” per IEC 529.
- **Compact modularity**
Single or multiple pole configurations in the most compact footprint. Allows users to build smaller or higher density panels.
- **Snap on DIN-rail mounting**
Sizes 1 to 4 feature integral DIN rail adaptors allowing for quick and easy installations on 35mm DIN rail yielding lower installed costs.
- **Captive termination screws**
Unique channel design ensures captive metric wire termination screws. Screws can never be lost.
- **Available accessories**
For multi-pole panel mounting, simply snap in pins for rigid fit. Cap plugs provide the ability to maintain touch safety on unused openings. Circuit identification markers simply snap into blocks to ID circuits. End anchors provide rigid end stops.
- **Multiple wire ratings**
Provide users more versatility by offering capability of using multiple conductors in #2 and 2/0 openings.
- **AC & DC ratings**
FSPDB1, 2, and 3 have been evaluated for use at 1000V (AC or DC) provided they are installed on DIN-rails only and with barriers between poles of opposite polarity of sufficient size to maintain required spacings.



Ratings:

Volts : 600VAC/DC

Amps : 175 to 840A

SCCR : 100kA with proper fuse.

Contact Technical Services for instruction sheet and/or DC Ratings.

Approvals:

- UL Recognized Component Guide XCFR2, File E73571
- CSA Certified: Class 6228, File 69363
- IEC-947-7-1, 529, 68-2-6, CE Marked



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FSPDB Finger-Safe Power Distribution Blocks

Catalog Numbers

Catalog Number		Ampere Rating (Based on NEC Table 310-16 for 75° C Cu wire only)	Line			Load			Short Circuit Current Rating
Aluminum (Connector rated for 90° C Cu/AL wire)	Copper (Connector rated for 75° C Cu wire only)		Wire Range		Openings	Wire Range		Openings Per Pole	
			AWG/	mm ²		AWG/ kcmil	mm ²		
FSPDB1A	FSPDB1C	175	2/0-#14	70-2.5	1	2/0-#14	70-2.5	1	100kA*
FSPDB2A	FSPDB2C	175	2/0-#14	70-2.5	1	#2-#14	35-2.5	4	100kA*
FSPDB3A	FSPDB3C	310	350-#6 2/0-#14	185-16 70-2.5	1	#8-#14	8-2.5	8	100kA*
FSPDB4A	FSPDB4C	335	400-#6	185-16	1	400-#6	185-16	1	100kA*
FSPDB5A	FSPDB5C	840	600-#4	300-25	2	600-#4	300-25	2	100kA*

*Contact Mersen Technical Services at technicalservices.nby@mersen.com for fuse type and maximum ampere required.

Multiple Wire Ratings (Same Size & Type Wires Only)			
2/0 Openings		#2 Openings	
(2) #4 AWG	(2) #10 AWG	(2) #6 AWG	(2-4) #12 AWG
(2) #6 AWG	(2) #12 AWG	(2) #8 AWG	(2-4) #14 AWG
(2) #8 AWG	(2) #14 AWG	(2-4) #10 AWG	

Dimensions

Dimension	FSPDB1A FSPDB1C Figure 1		FSPDB2A FSPDB2C Figure 1		FSPDB3A FSPDB3C Figure 2		FSPDB4A FSPDB4C Figure 1		FSPDB5A FSPDB5C Figure 2	
	mm	in	mm	in	mm	in	mm	in	mm	in
	A	25.4	1.00	28.4	1.12	46.9	1.85	39	1.54	72
B	43.3	1.70	57.8	2.28	64.3	2.53	108	4.25	91	3.58
C	49.5	1.95	56.0	2.21	64.3	2.53	80	3.15	80	3.15
D	45.1	1.78	51.6	2.03	59.8	2.36	75.5	2.97	-	-
E	39.4	1.55	39.4	1.55	51.5	2.03	50.1	1.97	50.1	1.97
F	72.6	2.86	87.7	3.45	100.8	3.97	145.5	5.73	145	5.71
G	59.6	2.35	74.6	2.94	82.4	3.24	120.6	4.75	127.5	5.02
H	5.3	0.21	5.1	0.20	6.5	0.26	7	0.28	3	0.12
I	-	-	-	-	31.5	1.24	-	-	52	2.04
J	5.3	0.21	6.4	0.25	6.5	0.26	6.5	0.26	6.5	0.26
K	10	0.40	11.7	0.46	8.9	0.35	16	0.63	8.5	0.34

Accessories

Catalog No.	Description
FSPIN1	Accessory pin to form multiple pole block
FSCIM1	Circuit identification marker for 2/0 & #2 max. conductors (Qty of 100)
FSCIM2	Circuit identification marker for 350, 400 & 600 kcmil max. conductors (Qty of 100)
FSCAP1	Cap plug for spare 2/0 openings
FSCAP2	Cap plug for spare 350 kcmil openings
FSCAP3	Cap plug for spare 600 kcmil opening
FSEA	Pair of end anchors

Figure 1

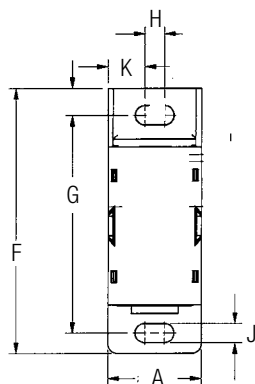
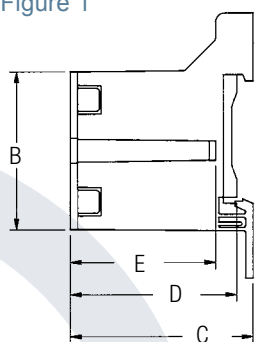
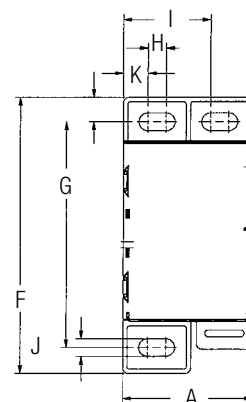
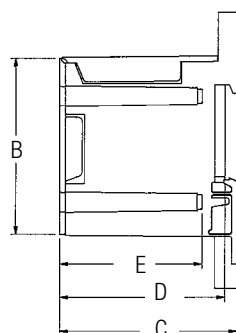


Figure 2



Open Style PDBs 62000-69000

Versatile Power Distribution Blocks for cable terminations

Mersen Power Distribution Blocks afford a safe, convenient way of splicing cables, splitting primary power into a variety of secondary circuits or providing a fixed junction tap-off point. Power block options include single or dual primary connections with up to 30 secondary connections.

Features/Benefits:

- **Adder Poles**

All series have optional adder poles which snap onto the 1, 2 or 3- pole blocks and lock together to form as many poles as required. Adder poles with a variety of terminations can be combined to match special wire size combinations.

- **Wire Connectors**

Standard aluminum box connectors accommodate aluminum or copper wire, 1 conductor per opening. Standard copper box connections are for copper wire only, 1 conductor per opening. Connectors are all 1 piece and tin plated.

- **Insulators**

Insulators are virtually unbreakable, glass-filled polycarbonate on all series. "See-through" safety covers are available, which give greater safety and provide service entrance ratings for large and intermediate series blocks.

Highlights:

- **Mini** - 62000 and 63000 Series
- **Intermediate** - 66000 and 67000 Series
- **Large** - 68000 and 69000 Series

Applications:

- Box, stud and quick-connect terminations for copper and/or aluminum cables



Ratings:

Volts : 600V

Amps : 90 to 2660A

SCCR : 100kA with proper fuse.

Contact technical services for sizing table.

Approvals:

- Most sizes are UL Recognized Component -Guide XCFR2, File E73571
- Most sizes are CSA Certified:
 - Series 62, 63, 66, 68 - Class 6228, File 69363
 - Series 67, 69 - Class 3211, File 15469



Mini 62000-63000 Series

Catalog Numbers

Ampere rating based on NEC Table 310-16 for 75°C copper wire.

Primary		Secondary		Ampere Rating (A)		Aluminum				Copper				Short Circuit Current Rating
Wire Range AWG/kcmil or Stud Size	Openings or Studs per Pole	Wire Range AWG/kcmil or Stud Size	Openings or Studs per Pole	CSA	UL	Adder	1-Pole	2-Pole	3-Pole	Adder	1-Pole	2-Pole	3-Pole	
Box to Box														
#4-14	1	#4-14	4	90	85	63100	63101	63102	63103	62100	62101	62102	62103	100kA*
						63160	63161	63162	63163	62160	62161	62162	62163	100kA*
2/0-#14	1	2/0-#14	1	185	175	63150	63151	63152	63153	62150	62151	62152	62153	100kA*
		#2-14	2			63190	63191	63192	63193	62190	62191	62192	62193	100kA*
		#4-14	4			63130	63131	63132	63133	62130	62131	62132	62133	100kA*
Box to Stud														
2/0-#14	1	1/4-20 x 5/8	1	185	175	63140	63141	63142	63143	62140	62141	62142	62143	100kA*
		1/4-20 x 1/2 Tapped hole	1			-	-	-	-	62170	62171	62172	62173	100kA*
Stud to Stud														
1/4-20 x 5/8	1	1/4-20 x 5/8	1	240	240	-	-	-	-	62200	62201	62202	62203	100kA*
Box to Quick Connect														
#4-14	1	1/4 x .032QC	4	90	95	-	-	-	-	62210†	62211†	62212†	62213†	-

*Studs are furnished with nuts and washers. Recommended stud torque: (1/4-20) - 72 in. lbs.

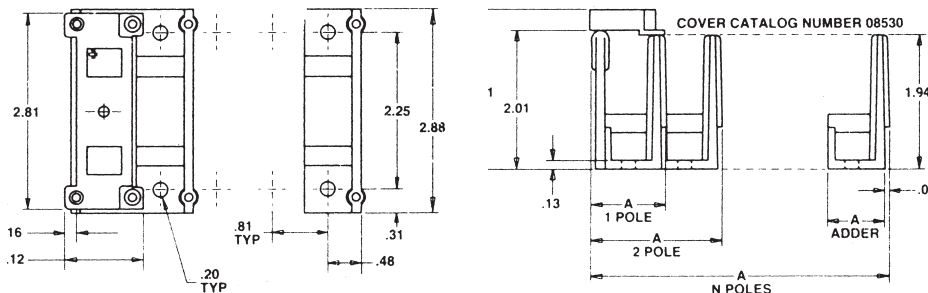
†Quick connector, not CSA Certified.

Note: Blocks for 5, 6 and 10 poles are also available. To order, simply modify the Adder catalog number. Example: 63100 becomes 63106 for 6 poles.

*Short circuit current rating with correctly sized fuse 100kA. Contact Mersen technical services for fuse type and maximum ampere required.

#Connectors are rated for 90° C wire.

Dimensions



Number of Poles	Dimension A (In.)
Adder	.812
1	1.09
2	1.90
3	2.71
N	$(.812 \times N) + .273$

Example for 10 poles:
 $A = (.812 \times 10) + .273 = 8.39$

Safety Cover - Catalog number 08530

Polycarbonate safety covers provide dead-front protection to 62000 and 63000 series power distribution blocks. One cover is needed for each pole (1-pole block requires 1 cover, 3-pole requires 3 covers, etc.) Each cover has a test probe hole in the center for circuit checking and each is marked with the reminder "REPLACE AFTER SERVICING EQUIPMENT". To order, simply determine the total number of poles to be protected and specify the same number of 08530 safety covers. Mounting screws are supplied with cover. Recommended mounting screws for all 62000-63000 series: #10 (.190" diameter).

End Barrier - Catalog number U09311

Polycarbonate end barriers snap on to PDB Adder blocks to form 1-pole blocks. Use one barrier per block.



Intermediate 66000-67000 Series

Catalog Numbers

Ampere rating based on NEC Table 310-16 for 75°C copper wire.

Primary		Secondary		Ampere Rating (A)	Aluminum				Copper				Short Circuit Current Rating
Wire Range AWG/kcmil or Stud Size	Openings or Studs per Pole	Wire Range AWG/kcmil or Stud Size	Openings or Studs per Pole		Adder	1-Pole	2-Pole	3-Pole	Adder	1-Pole	2-Pole	3-Pole	
2/0-#14	1	2/0-#14	1	175	67050	67051	67052	67053	66050	66051	66052	66053	100kA
		#2-14	4		67570	67571	67572	67573	66570	66571	66572	66573	100kA
		#2-14	6		67560	67561	67562	67563	66560	66561	66562	66563	100kA
		#2-14	8		67580	67581	67582	67583	66580	66581	66582	66583	100kA
		#6-14	10		67590	67591	67592	67593	66590	66591	66592	66593	100kA
		#10-14*	12		67110	67111	67112	67113	66110	66111	66112	66113	100kA
350-#6	1	350-#6	1	310	67000	67001	67002	67003	66000	66001	66002	66003	100kA
		2/0-#14	2		67010	67011	67012	67013	66010	66011	66012	66013	100kA
		#2-14	4		67670	67671	67672	67673	66670	66671	66672	66673	100kA
		#2-14	6		67660	67661	67662	67663	66660	66661	66662	66663	100kA
		#2-14	8		67630	67631	67632	67633	66630	66631	66632	66633	100kA
		#6-14	10		67650	67651	67652	67653	66650	66651	66652	66653	100kA
500-#4	1	#10-14*	15	380	67620	67621	67622	67623	66620	66621	66622	66623	100kA
		500-#4	1		67400	67401	67402	67403	66400	66401	66402	66403	100kA
		4/0-#6	2		67420	67421	67422	67423	-	-	-	-	100kA
		4/0-#10	2		-	-	-	-	66420	66421	66422	66423	100kA
		2/0-#14	4		67410	67411	67412	67413	66410	66411	66412	66413	100kA
		#2-14	6		67460	67461	67462	67463	66460	66461	66462	66463	100kA
		#2-14	8		67430	67431	67432	67433	66430	66431	66432	66433	100kA
		#6-14	10		67480	67481	67482	67483	66480	66481	66482	66483	100kA
		#10-14*	18		67490	67491	67492	67493	66490	66491	66492	66493	100kA
		#350-#6 & #2-14	3		67450	67451	67452	67453	66450	66451	66452	66453	100kA
#2/0-#14	2	#2/0-#14	2	350	67020	67021	67022	67023	66020	66021	66022	66023	100kA
		#2-14	6		67510	67511	67512	67513	66510	66511	66512	66513	100kA
		#2-14	8		67610	67611	67612	67613	66610	66611	66612	66613	100kA
		#6-14	10		67530	67531	67532	67533	66530	66531	66532	66533	100kA
		#10-14*	15		67550	67551	67552	67553	66550	66551	66552	66553	100kA
4/0-#10	2	4/0-#10	2	460	-	-	-	-	66520	66521	66522	66523	100kA
4/0-#6	2	4/0-#6	2	460	67520	67521	67522	67523	-	-	-	-	100kA
		#2-14	6	460	67540	67541	67542	67543	66540	66541	66542	66543	100kA
Box to Stud													
350-36	1	3/8-16 x 1	1	310	67250	67251	67252	67253	66250	66251	66252	66253	
500-#4	1	3/8-16 x 1-1/16	1	380	67220	67221	67222	67223	66220	66221	66222	66223	
		1/4-20 x 1-1/16	2	380	67240	67241	67242	67243	66240	66241	66242	66243	
Stud to Stud													
1/4-20 x 1-5/16	1	1/4-20 x 1-5/16	1	155	-	-	-	-	66270	66271	66272	66273	
1/4-20 x 1-5/16	1	1/4-20 x 1-5/16	1	155	-	-	-	-	66210	66211	66212	66213	
		3/8-16 x 1-5/16	1	155	-	-	-	-	66200	66201	66202	66203	
3/8-16 x 1-1/8	1	3/8-16 x 1-1/8	1	400	-	-	-	-	66260	66261	66262	66263	
		1/4-20 x 1-1/8	2	400	-	-	-	-	66230	66231	66232	66233	

*Copper wire only

Stud type connectors are furnished with nuts and washers. Recommended stud torque: (1/4-20) - 72 in.-lbs; (3/8-16) - 228 in.-lbs.

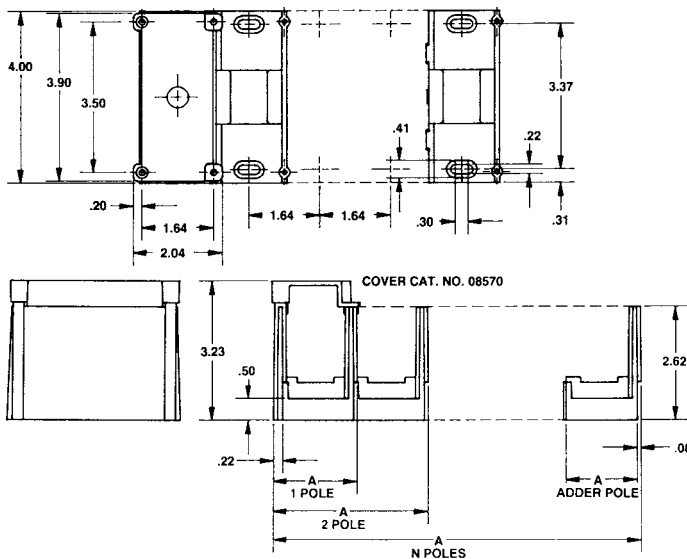
*Short circuit current rating with correctly sized fuse 100kA. Contact Mersen technical services for fuse type and maximum ampere required.

Aluminum connectors are rated for 90° C Cu/AL wire, copper connectors are rated for 75° C Cu wire.



Intermediate 66000-67000 Series

Dimensions



Number of Poles	Dimension A (Inches)
Adder	1.64
1	1.94
2	3.57
3	5.20
N	$(1.635 \times N) + .3$

Example for 10 poles:
 $A = (1.635 \times 10) + .30 = 16.65$ inches

Safety Cover - Catalog No. 08570

Polycarbonate safety covers provide dead-front protection for 66000 and 67000 series power distribution blocks. One cover is needed for each pole (1-pole block requires 1 cover, 3-pole requires 3 covers, etc.) Each cover has a test probe hole in the center for circuit checking and each is marked with the reminder "REPLACE AFTER SERVICING EQUIPMENT." Mounting screws are supplied with cover. To order, simply determine the total number of poles to be protected and specify the same number of 08570 safety covers. Recommended mounting screws for all 66000-67000 series: #10 (.190 diameter).

End Barrier - Catalog No. U09705

Polycarbonate end barriers snap on to PDB Adder blocks to form 1-pole blocks. Use one barrier per block.

Properties of Materials Used in Power Distribution Blocks

Property	Units	ASTM Test	Glass Filled Polycarbonate
Specific Gravity		D792	1.21
IZOD	ft-lb/in	D256	4-6
Flexural Strength	psi	D790	13,200
Flexural Modulus	psi	D790	325,000
Tensile Strength	psi	D638	9,000
Compressive Strength	psi	D695	12,500
Water Absorption	24 hrs-%	D570	.15
Hardness	Rockwell	D785	M-85
Dielectric Strength			
• 60Hz, 25°C, s/t	vpm	D149	425
• 60Hz, 25°C, s/s	vpm	D149	425
Dielectric constant			
• 60Hz-dry		D150	3.01
• 1Hz-dry		D150	2.96
Volume resistivity	ohm-cm	D257	$>10^{15}$
Heat deflecting (°F@264 psi)	°F	D648	270
Flammability (UL 94)			94 V-0

Note: Above data represents approximate values and are for reference only.

Large 68000-69000 Series

Catalog Numbers - 68000 and 69000 Series

Ampere rating based on NEC Table 310-16 for 75°C copper wire.

Primary		Secondary		Ampere Rating (A)	Aluminum				Copper				Short Circuit Current Rating
Wire Range AWG/kcmil or Stud Size	Openings or Studs per Pole	Wire Range AWG/kcmil or Stud Size	Openings or Studs per Pole		Adder	1-Pole	2-Pole	3-Pole	Adder	1-Pole	2-Pole	3-Pole	
350-#6	1	2/0-#14	6	310	69170	69171	69172	69173	68170	68171	68172	68173	100kA*
		#4-14	12		69150	69151	69152	69153	68150	68151	68152	68153	100kA*
		#10-14*	20		69630**	69631**	69632**	69633**	68630**	68631**	68632**	68633**	
500-#4	1	500-#4	1	380	69050	69051	69052	69053	68050	68051	68052	68053	100kA*
		350-#6	2		69060	69061	69062	69063	68060	68061	68062	68063	100kA*
		4/0-#6	4		69510**	69511**	69512**	69513**	-	-	-	-	
		4/0-#10	4		-	-	-	-	68510**	68511**	68512**	68513**	
		2/0-#14	6		69070	69071	69072	69073	68070	68071	68072	68073	100kA*
		#4-14	12		69080	69081	69082	69083	68080	68081	68082	68083	100kA*
600-#2	1	600-#2	1	420	69640	69641	69642	69643	68640	68641	68642	68643	100kA*
1000-250	1	1000-250	1	545	69000	69001	69002	69003	68000	68001	68002	68003	100kA*
		500-#4	2		69010	69011	69012	69013	68010	68011	68012	68013	100kA*
		350-#6	2		69020	69021	69022	69023	68020	68021	68022	68023	100kA*
		4/0-#6	4		69300**	69301**	69302**	69303**	-	-	-	-	
		4/0-#10	4		-	-	-	-	68300**	68301**	68302**	68303**	
		2/0-#14	6		69030	69031	69032	69033	68030	68031	68032	68033	100kA*
		#2-14	10		69530**	69531**	69532**	69533**	68530**	68531**	68532**	68533**	
#4-14	12	69040	69041	69042	69043	68040	68041	68042	68043	100kA*			
#4-14	2	#4-14	12	170	69180	69181	69182	69183	68180	68181	68182	68183	100kA*
2/0-#14	2	#4-14	12	350	69160	69161	69162	69163	68160	68161	68162	68163	100kA*
		#10-14*	20		69600	69601	69602	69603	68600	68601	68602	68603	100kA*
350-#6	2	350-#6	2	620	69120	69121	69122	69123	68120	68121	68122	68123	100kA*
		4/0-#6	4		69320**	69321**	69322**	69323**	-	-	-	-	
		4/0-#10	4		-	-	-	-	68320**	68321**	68322**	68323**	
		2/0-#14	6		69130	69131	69132	69133	68130	68131	68132	68133	100kA*
500-#4	2	#4-14	12	760	69140	69141	69142	69143	68140	68141	68142	68143	100kA*
		500-#4	2		69090	69091	69092	69093	68090	68091	68092	68093	100kA*
		4/0-#6	4		69310	69311	69312	69313	-	-	-	-	
		4/0-#10	4		-	-	-	-	68310	68311	68312	68313	100kA*
		2/0-#14	6		69100	69101	69102	69103	68100	68101	68102	68103	100kA*
600-#2	2	600-#2	2	840	69650	69651	69652	69653	-	-	-	-	
		#14.4 & 3/0-#10	4		69540	69541	69542	69543	68540**	68541**	68542**	68543**	
1000-250	2	500-#4	4	1090	-	69561**†	-	-	-	68561**†	-	-	
600-#2	3	600-#2	3	1260	-	69331**†	-	-	-	-	-	-	
500-#4	4	#6-14	30	1520	-	69191**†	-	-	-	68191**†	-	-	
		#6-14 & 2/0-#14	22		-	69521**†	-	-	-	68521**†	-	-	
		2/0-#14	4		-	69341**†	-	-	-	-	-	-	
600-#2	4	600-#2	4	1680	-	69341**†	-	-	-	-	-		
500-#4	3	4/0-#10	6	1140	-	-	-	-	-	800011**†	-	-	
500-#4	7	500-#4	7	2660	-	-	-	-	-	800061***	-	-	
500-#4	3	2/0-#14	8	1140	-	900061**†	-	-	-	-	-	-	
500-#4	4	500-#4	4	1520	-	900071**†	-	-	-	800031**†	-	-	
500-#4	4	2/0-#12	6	1050	-	900121†	-	-	-	800121**†	-	-	

*Copper wire only

**Not UL Recognized or CSA Certified

***These pole blocks are triple width (7.81")

†These 1 pole blocks are double width (5.31")

*Short Circuit current rating with correctly sized fuse 100kA. Contact Mersen technical services for fuse type and maximum ampere required.

Aluminum connectors are rated for 90° C Cu/AL wire, copper connectors are rated for 75° C Cu wire.



Large 68000-69000 Series

Catalog Numbers - 68000 and 69000 Series (Continued)

Ampere rating based on NEC Table 310-16 for 75°C copper wire.

Primary		Secondary		Ampere Rating (A)	Aluminum				Copper			
Wire Range AWG/kcmil or Stud Size	Openings or Studs per Pole	Wire Range AWG/kcmil or Stud Size	Openings or Studs per Pole		Adder	1-Pole	2-Pole	3-Pole	Adder	1-Pole	2-Pole	3-Pole
Box to Stud												
500-#4	1	3/8-16 x 1	1	Cu 380	69210	69211	69212	69213	68210	68211	68212	68213
			2	Al 310	69270	69271	69272	69273	68270	68271	68272	68273
500-#4	2	3/8-16 x 1	2	Cu 380	-	69221	69222	69223	-	-	-	-
			2	Al 310	-	-	-	-	-	-	-	-
1000-250	1	1/2-13 x 1-3/16	1	Cu 545	69280	69281	69282	69283	68280	68281	68282	68283
		3/8-16 x 1	2	Al 445	69240	69241	69242	69243	68240	68241	68242	68243
1/2-13 x 1	1	2/0-#14	4	545	69260	69261	69262	69263	-	-	-	-
		#4-14	12	545	69290	69291	69292	69293	-	-	-	-
		2/0-#14	4	1000	-	-	-	-	68260	68261	68262	68263
		#4-14	12	1000	-	-	-	-	68290	68291	68292	68293
500-#4	4	3/8-16 x 1	4	1520	-	900091†	-	-	-	-	-	
Stud to Stud												
1/2-13 x 1-3/8	1	1/2-13 x 1-3/8	1	400	-	-	-	-	68220**	68221**	68222**	68223**

*Stud type connectors are furnished with nuts and washers. Recommended stud torque: (3/8-16) - 228 in.-lbs; (1/2-13) - 496 in.-lbs.

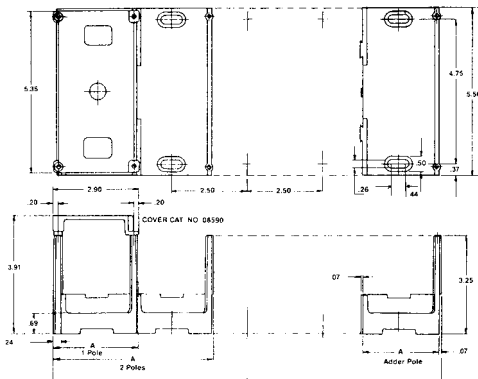
**Not UL Recognized or CSA Certified

† These 1 pole blocks are double width (5.31")

Aluminum connectors are rated for 90° C Cu/AL wire, copper connectors are rated for 75° C Cu wire.



Dimensions – 68000 and 69000 Series Power Distribution Blocks

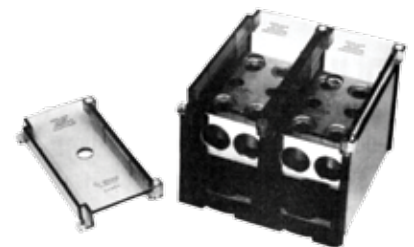


Number of Poles	Dimension A (Inches)
Adder	2.50
1	2.81
2	5.31
3	7.81
N	(2.50 x N) + .31

Example for 10 poles:
 $A = (2.50 \times 10) + .31 = 25.31$ inches

Safety Cover - Catalog No. 08590

Polycarbonate safety covers provide dead-front protection to 68000 and 69000 series power distribution blocks. One cover is needed for each pole (1-pole block requires 1 cover, 3-pole requires 3 covers, etc.) Each cover has a test probe hole in the center for circuit checking and each is marked with the reminder "REPLACE AFTER SERVICING EQUIPMENT". Mounting screws are supplied with cover. To order, simply determine the total number of poles to be protected and specify the same number of 08590 safety covers. Recommended mounting screws for all 68000-69000 series: 1/4" (.250 dia.). For double wide blocks use 08592W safety cover.



08590 cover and 69092 PDB with 2-08590 covers installed

End Barrier - Catalog No. U09911

Polycarbonate end barriers snap on to PDB Adder blocks to form 1-pole blocks. Use one barrier per block.

