


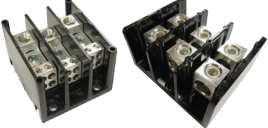




Power Blocks

Marathon Special Products has been an industry leader for supplying power blocks in North America since 1955. We've achieved this by providing one of the broadest line offerings with various sizes, terminal styles, electrical ratings and features. Our power block offerings listed below are sure to meet your needs.

Power Block Type	Page #	Description	
Bulk Fastening (BFPB)	5	The BFPB Series is a single pole design that consists of a series of stud fasteners to allow you to terminate various combinations of crimp lugs or flexible bus bar with one configuration. The series is ideal for use with flexible stranded wire terminations or large and abnormal wiring combinations.	
Enclosed (EPB)	7	The EPB Series are enclosed versions of our traditional power block configurations. This series consists of a modular single pole design that provides touch proof protection for splicer and distribution connector styles.	
High Voltage (HVPB)	9	The HVPB Series are High Voltage (1500 AC/DC) versions of our traditional power block configurations. This series consists of a modular single pole design for splicer, distribution and studded connector styles.	
Splicer & Distribution	11	Splicer and distribution power blocks are our traditional NEMA style offering. Splicer power blocks provide the same number of wire inputs as outputs, and distribution power blocks provide multiple load outputs per each incoming wire(s).	
Stud Configurations	17	Studded power blocks are part of our traditional NEMA style offering. These power blocks provide studs, or a combination of bare wire terminals with the stud, to terminate crimp lugs or bus bar to our power blocks to splice or distribute power.	
Miscellaneous Configurations	20	Miscellaneous power blocks are part of our traditional NEMA style offering. These power blocks provide tapped holes or quick-connects in addition to bare wire terminals to splice or distribute power.	

Standards:

MSP's power blocks are either UL recognized or listed. Most have either CSA certification or cUR recognition for Canadian customers, as well as compliance to CE (Component IEC 60947-7-1).

Recognized power blocks comply to UL 1059 and CSA C22.2 No. 158. All of our power blocks meet the 600V spacing requirements for application classes B & C and some Class A (135s):

- Class A - Service; including dead front switchboards, panel boards and service equipment
- Class B - Commercial appliances; including business equipment and electronic data processing equipment
- Class C - Industrial, general

Listed power blocks comply to UL 1953. These are all rated 600V and are intended to be used on the load side of service equipment in accordance with the National Electrical Code, NFPA 70. These blocks are used for splicing conductors in metallic wireways, auxiliary gutters, junction boxes, termination boxes and control panels in order to distribute power to separate loads. Listed power blocks additionally provide feeder circuit terminal spacing requirements of UL508A.

Bulk Fastening Power Block

Electrical

- 1605 amps
- 1000 volts AC/DC (cULus)
- Multiple wire rating - refer to data sheets for details
- Provides feeder circuit terminal spacing

Mechanical

- Insulator - thermoplastic: 125°C (257°F) - UL RTI
- Flammability, UL 94 V-0
- Mounting: panel mountable

Standards

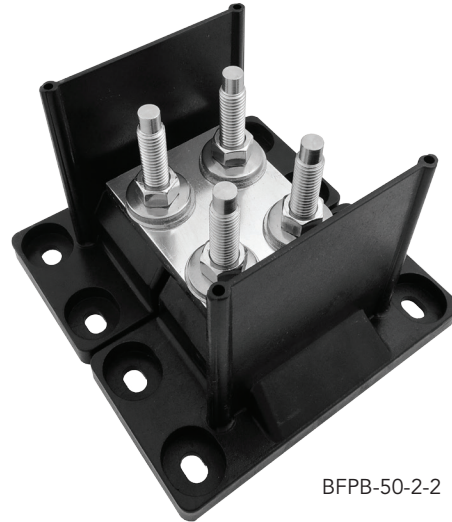
- UL recognized file no. XCFR2.E62806 (UL 1059)
- cUR recognized file no. XCFR8.E62806 (UL 1059)
- RoHS compliant (all)

Accessories (consult customer service)

- Covers - Flat screw-on - see chart for catalog numbers
- Hardware - included with the block as shown

Features/Benefits

- Modular construction to accommodate numerous terminal options
- Available for 2 to 6 stud terminal positions
- Accommodates power distribution options for listed lugs sized up to 1000kcmil
- First power terminal block to have a high SCCR rating (35k) with no over current protection device
- Reliably terminates flexible stranded classes of wire with crimp lugs
- Suitable to terminate and distribute power with flexible bus bar



BFPB-50-2-2



BFPB-37-1-4
With Cover

Ordering Code:

BFPB

Bulk
Fastening
Power
Block

XX

Stud Size
50 = 1/2" Studs
37 = 3/8" Studs

X

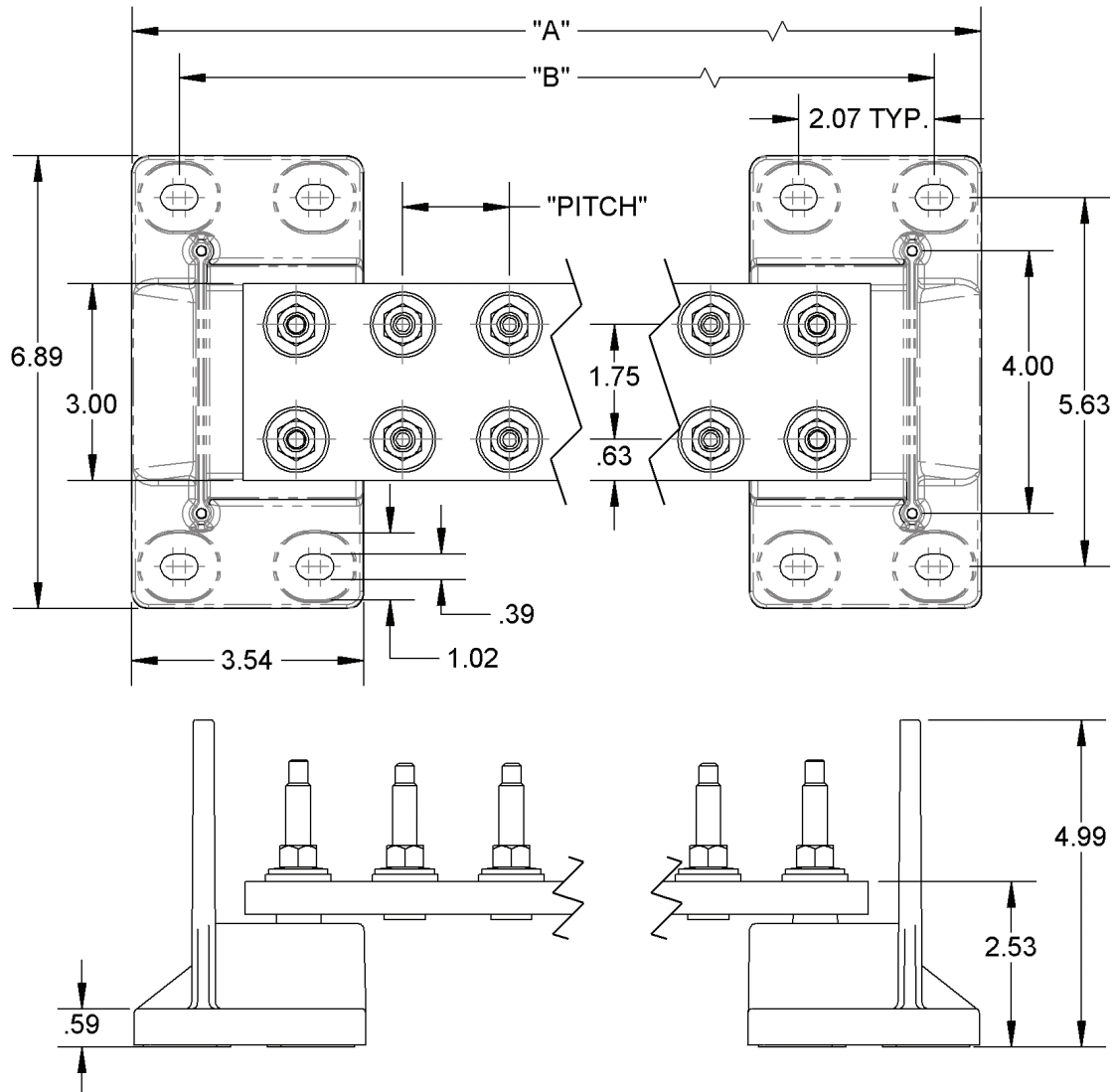
Pitch
1 = 1.625"
2 = 2.125"

X

of Stud Positions
1 to 6

Bulk Fastening Power Block

Catalog #	Stud Positions	Stud Size	Dimensions			Cover Part #
			Pitch	A	B	
BFPB-50-2-2	2	1/2	2.125	7.14	5.69	CC-BFPB-2-2
BFPB-50-2-3	3	1/2	2.125	9.27	7.82	CC-BFPB-2-3
BFPB-50-2-4	4	1/2	2.125	11.39	9.94	CC-BFPB-2-4
BFPB-50-2-5	5	1/2	2.125	13.52	12.07	CC-BFPB-2-5
BFPB-50-2-6	6	1/2	2.125	15.64	14.19	CC-BFPB-2-6
BFPB-37-1-3	3	3/8	1.625	8.27	6.82	CC-BFPB-1-3
BFPB-37-1-4	4	3/8	1.625	9.89	8.44	CC-BFPB-1-4
BFPB-37-1-5	5	3/8	1.625	11.52	10.07	CC-BFPB-1-5
BFPB-37-1-6	6	3/8	1.625	13.14	11.69	CC-BFPB-1-6



Enclosed Power Blocks - Splicer/Distribution

Electrical

- 115 - 510 amps
- 600 volts AC/DC (UL)
- Up to 1000 volts (IEC) - reference data sheets
- Flexible stranded wire compliant
- Multiple wire rating - refer to data sheets for details
- Listed products provide feeder circuit terminal spacing

Mechanical

- Insulator - thermoplastic: 125°C (257°F) - UL RTI
- Flammability, UL 94 V-0
- Mounting: panel and/or DIN mountable

Standards

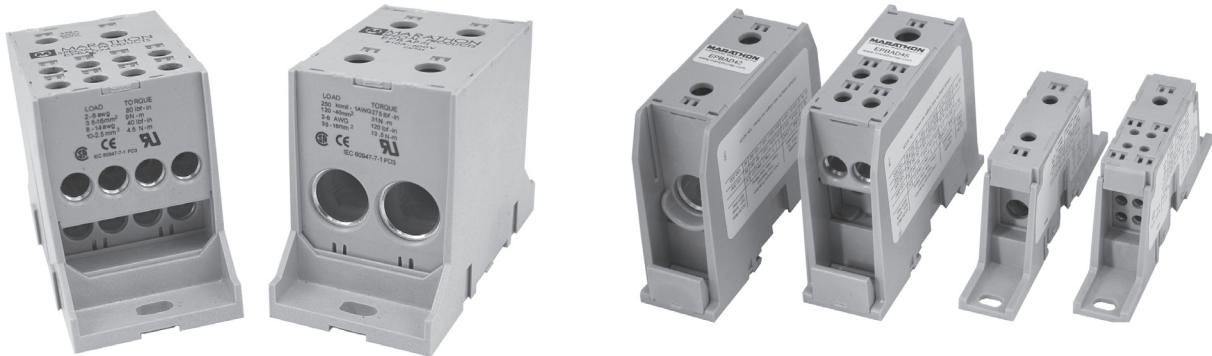
- See chart for product specific approvals listed
- UL listed - or - UL recognized
 - Listed file no. QPQS.E309401 (UL 1953)
 - Recognized file no. XCFR2.E62806 (UL 1059)
- CSA certified file no. LR19766 (CSA C22-2 No. 158)
- CE (component IEC 60947-7-1)
- IEC 60529, IP-20
- RoHS compliant (All)

Accessories (consult customer service)

- Marker-cards - available with custom printing
- DIN rail and anchors

See on-line data sheets for:

- Dimensional drawings
- Detailed SCCR information
- Termination and mounting specifications



Shown left to right: EPBAD74, EPBAD71 EPBAD42, EPBAD45, EPBAD21, EPBAD24

Ordering Code:

EPB

Enclosed Power Block

X

Connector material:
A - Aluminum rated copper or aluminum wire
C - Copper rated copper wire only

X













Mounting:
D - Mount on 35 mm DIN rail
P - Flat panel

(21/24 are DIN and panel mountable)

XX

21 - (1) #2 to (1) #2
24 - (1) #2 to (4) #10
42 - (1) 3/0 to (1) 3/0
45 - (1) 3/0 to (4) #2
71 - (2) 250 kcmil to (2) 250 kcmil
74 - (1) 400 kcmil to (1) 2/0 to (8) #2

Enclosed Power Blocks - Splicer/Distribution

Amp	Catalog #	Mounting Style	MAX SCCR	Connector Material	LINE SIDE		LOAD SIDE		Agency Compliance
					Wire Range AWG/kcmil	Connector Openings/ Pole	Wire Range AWG/kcmil	Connector Openings/ Pole	
115	EPBAD21	Both DIN/ Panel	100,000	AL	#2 - #14	1 	#2 - #14	1 	UL Listed CSA Certified CE Compliant
115	EPBAD24	Both DIN/ Panel	65,000	AL	#2 - #14	1 	#10 - #18	4 	UL Listed CSA Certified CE Compliant
200	EPBAD42	DIN	100,000	AL	3/0 - #14	1 	3/0 - #14	1 	UL Listed CSA Certified CE Compliant
	EPBAP42	Panel							
	EPBCD42	DIN	100,000	CU					
	EPBCP42	Panel							
200	EPBAD45	DIN	100,000	AL	3/0 - #14	1 	#2 - #14	4 	UL Listed CSA Certified CE Compliant
	EPBAP45	Panel							
	EPBCD45	DIN	100,000	CU					
	EPBCP45	Panel							
335	EPBAD74	DIN	10,000	AL	400 - #6/ 2/0 - #14	1/1 	#2 - #14	8 	UL Recognized CSA Certified CE Compliant
	EPBAP74	Panel	100,000						
	EPBCD74	DIN	10,000	CU					
	EPBCP74	Panel	100,000						
510	EPBAD71	DIN	10,000	AL	250 - #6	2 	250 - #6	2 	UL Recognized CSA Certified CE Compliant
	EPBAP71	Panel	100,000						
	EPBCD71	DIN	10,000	CU					
	EPBCP71	Panel	100,000						

Go to WWW.MARATHONSP.COM for:

- Product specific data sheets (includes detailed drawings & SCCR Ratings)
- Request 2D/3D CAD files
- Check distributor stock
- Request samples



Power Blocks - High Voltage (1500)

Electrical

- 350 - 950 amps
- 1500 volts AC/DC (UL)
- Flexible stranded wire compliant
- Multiple wire rating - refer to data sheets for detail

Mechanical

- Base, thermoplastic
- Insulator temp-rating: 110°C (230°F) - UL RTI
- Flammability, UL 94 V-0
- Mounting: panel mountable
- Modular construction for multi-pole configurations

Standards

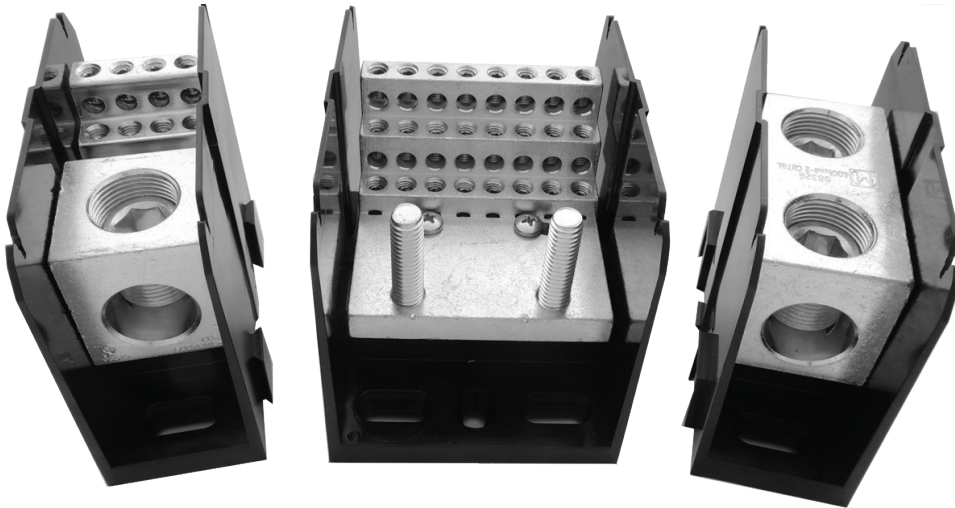
- UL recognized file No. XCFR2.E62806 (UL 1059)
- cUR recognized file No. XCFR8.E62806 (UL 1059)
- RoHS compliant

Accessories

- Covers - Hinge covers available (see ordering code)
- Printing - consult factory for custom requests

See on-line data sheets for:

- Dimensional drawings
- Detailed product specific information
- Termination and mounting specifications































Shown left to right: HVPB108, HVPB203, HVPB109

Ordering Code:

SERIES	IDENTIFIER	COVER OPTION
HVPB	XXX	XX
High Voltage Power Block	Random 3-digit Identifier	Blank = No Cover CH = Hinge Cover Attached

Power Blocks - High Voltage (1500)

Amps	Catalog #	Connector Temp. Rating	MATERIAL		LINE SIDE		LOAD SIDE		Agency Compliance
			Insulator	Conn	Wire Range AWG/kcmil	Connector Openings/Pole	Wire Range AWG/kcmil	Connector Openings/Pole	
350	HVPB105	90°C	Plastic	AL	Stud, M10	1 	#10 - #14 (a)	24 	UL Recognized (cURus)
420	HVPB108	75°C	Plastic	AL	600 - #2	1 	#4 - #14	12 	UL Recognized (cURus)
420	HVPB109	75°C	Plastic	AL	600 - #2	1 	600 - #2	1 	UL Recognized (cURus)
430	HVPB101	90°C	Plastic	AL	Stud, M10	1 	#6 - #14 (b)	12 	UL Recognized (cURus)
430	HVPB103	90°C	Plastic	AL	Stud, M10	1 	#4 - #14 (c)	8 	UL Recognized (cURus)
430	HVPB107	90°C	Plastic	CU	Stud, M10	1 	Stud, M10	1 	UL Recognized (cURus)
430	HVPB208	90°C	Plastic	CU	Stud, 1/2-13 x 1.44"	1 	Stud, 1/2-13 x 1.44"	1 	UL Recognized (cURus)
760	HVPB210	75°C	Plastic	AL	500 - #4	2 	#2 - #14	12 	UL Recognized (cURus)
760	HVPB211	75°C	Plastic	AL	500 - #4	2 	2/0 - #14	8 	UL Recognized (cURus)
860	HVPB205	90°C	Plastic	AL	Stud, M10	1 	#4 - #14 (c)	16 	UL Recognized (cURus)
860	HVPB207	90°C	Plastic	AL	Stud, M10	2 	#4 - #14 (c)	16 	UL Recognized (cURus)
860	HVPB201	90°C	Plastic	AL	Stud, M10	1 	#6 - #14 (b)	24 	UL Recognized (cURus)
860	HVPB203	90°C	Plastic	AL	Stud, M10	2 	#6 - #14 (b)	24 	UL Recognized (cURus)
950	HVPB602	90°C	Plastic	AL	600 - #2	2 	600 - #2	2 	UL Recognized (cURus)

(a) suitable for #8 AWG, limited to 40A per wire, copper only

(b) suitable for #4 AWG, limited to 75A per wire, copper only

(c) suitable for #2 AWG, limited to 95A per wire, copper; 75A per wire, aluminum

Power Blocks - Splicer/Distribution

Electrical

- 60 - 2280 amps
- 600 volts AC/DC (UL)
- Flexible stranded wire compliant
- Multiple wire rating - refer to data sheets for details
- Listed products provide feeder circuit terminal spacing

Mechanical

- Base, black thermoplastic or phenolic (see chart)
- Insulator temp-ratings
 - Thermoplastic: 125°C (257°F) - UL RTI
 - Phenolic: 150°C (302°F) - UL RTI
- Flammability, UL 94 V-0
- Mounting: panel mountable, 132 series is also DIN mountable

Standards

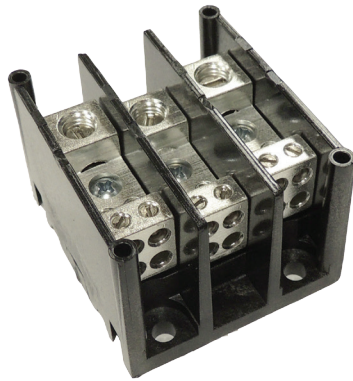
- See chart for product specific approvals listed
- UL listed - or - UL recognized
 - Listed file no. QPQS.E309401 (UL 1953)
 - Recognized file no. XCFR2.E62806 (UL 1059)
- CSA certified file no. LR19766 (CSA C22-2 No. 158)
- CE (Component IEC 60947-7-1)
- RoHS compliant (All)

Accessories (consult customer service)

- Covers - see page 24 for series cover specifications
- Marking strips - available with custom printing
- Printing - consult factory for custom requests

See on-line data sheets for:

- Dimensional drawings
- Detailed SCCR information
- Termination and mounting specifications



1413400

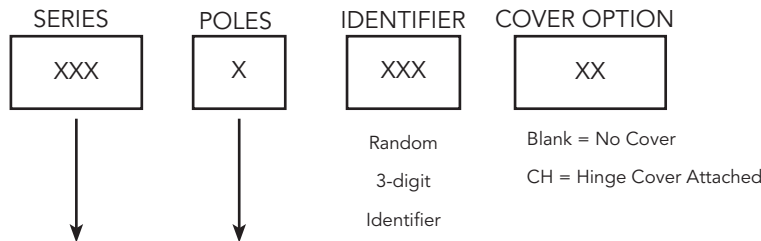


1333587CH
(shown with cover)





































1433124
(shown with marking strip)

Ordering Code:







































Series	Poles Available	Dimensions	Cover Type Available
141	1/2/3/4	Pg 21	Flat
140	2/3	Pg 22	Flat
132	0/1/2/3	Pg 21	Hinge
142	1/2/3	Pg 21	Flat
143		Pg 22	Flat
133		Pg 22	Hinge
144		Pg 23	Flat
145		Pg 23	Flat
135		Pg 23	Hinge



































Power Blocks - Splicer/Distribution

Amps	Catalog #	Poles (X)	MATERIAL		LINE SIDE		LOAD SIDE		Agency Compliance
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole	Wire Range AWG/kcmil	Connector Openings/Pole	
60	141x403	1/2/3/4	Plastic	AL	#2 - #14	1 	#10 - #18	2 	UL Recognized CSA Certified CE Compliant
115	141x300	1/2/3/4	Plastic	AL	#2 - #14	1 	#2 - #14	1 	UL Recognized CSA Certified CE Compliant
115	142x552	1/2/3	Phenolic	AL	#2 - #14	1 	#2 - #14	1 	UL Recognized CSA Certified CE Compliant
115	141x400	1/2/3/4	Plastic	AL	#2 - #14	1 	#10 - #18	4 	UL Recognized CSA Certified CE Compliant
150	142x121	1/2/3	Phenolic	CU	1/0-#14	1 	1/0-#14	1 	UL Recognized CSA Certified CE Compliant
175	132x572	0/1/2/3	Plastic	AL	2/0 - #14	1 	2/0 - #14	1 	UL Recognized CSA Certified CE Compliant
175	142x572	1/2/3	Phenolic	AL	2/0 - #14	1 	2/0 - #14	1 	UL Recognized CSA Certified CE Compliant
175	132x972	1/2/3	Plastic	CU	2/0 - #14	1 	2/0 - #14	1 	UL Recognized CSA Certified CE Compliant
175	132x570	0/1/2/3	Plastic	AL	2/0 - #14	1 	#4 - #14	4 	UL Recognized CSA Certified CE Compliant
175	142x570	1/2/3	Phenolic	AL	2/0 - #14	1 	#4 - #14	4 	UL Recognized CSA Certified CE Compliant
175	132x580	0/1/2/3	Plastic	AL	2/0 - #14	1 	#4 - #14	6 	UL Recognized CSA Certified CE Compliant
175	140x402	2/3	Phenolic	AL	2/0 - #14	1 	#4 - #14	4 	UL Recognized CSA Certified CE Compliant
175	140x401	2/3	Phenolic	AL	2/0 - #14	1 	#4 - #14	6 	UL Recognized CSA Certified CE Compliant
175	132x970	0/1/2/3	Plastic	CU	2/0 - #14	1 	#4 - #14	4 	UL Recognized CSA Certified CE Compliant
175	142x970	1/2/3	Phenolic	CU	2/0 - #14	1 	#4 - #14	4 	UL Recognized CSA Certified CE Compliant
255	143x124	1/2/3	Phenolic	CU	250 kcmil - #6	1 	250 kcmil - #6	1 	UL Recognized CSA Certified CE Compliant
255	143x123	1/2/3	Phenolic	AL	250 kcmil - #6	1 	250 kcmil - #6	1 	UL Recognized CSA Certified CE Compliant



































Power Blocks - Splicer/Distribution

Amps	Catalog #	Poles (X)	MATERIAL		LINE SIDE		LOAD SIDE		Agency Compliance
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole	Wire Range AWG/kcmil	Connector Openings/Pole	
255	140x801	2/3	Phenolic	CU	250 - #6	1 	250 - #6	1 	UL Recognized CSA Certified CE Compliant
310	140x303	2/3	Phenolic	AL	350 - #6	1 	350 - #6	1 	UL Recognized CSA Certified CE Compliant
310	143x126	1/2/3	Plastic	AL	350 - #6	1 	350 - #6	1 	UL Recognized CSA Certified CE Compliant
310	133x126	1/2/3	Plastic	AL	350 - #6	1 	350 - #6	1 	UL Recognized CSA Certified CE Compliant
310	140x404	2/3	Phenolic	AL	350 - #6	1 	#4 - #14	6 	UL Recognized CSA Certified CE Compliant
310	133x554	1/2/3	Plastic	AL	350 - #6	1 	2/0 - #14	2 	UL Recognized CSA Certified CE Compliant
310	140x410	2/3	Phenolic	AL	350 - #6	1 	2/0 - #14	2 	UL Recognized CSA Certified CE Compliant
310	143x554	1/2/3	Phenolic	AL	350 - #6	1 	2/0 - #14	2 	UL Recognized CSA Certified CE Compliant
310	133x324	1/2/3	Plastic	AL	350 - #6	1 	#8 - #14	24 	UL Recognized cUL Recognized CE Compliant
335	144x401	1/2/3	Phenolic	CU	400 - #6	1 	#2 - #14	6 	UL Recognized CSA Certified CE Compliant
335	143x552	1/2/3	Phenolic	AL	400 - #6	1 	#2 - #14	4 	UL Recognized CSA Certified CE Compliant
335	143x553	1/2/3	Phenolic	AL	400 - #6	1 	#2 - #14	6 	UL Recognized CSA Certified CE Compliant
335	144x560	1/2/3	Phenolic	AL	400 - #6	1 	#2 - #14	8 	UL Recognized CSA Certified CE Compliant
335	133x552	1/2/3	Plastic	AL	400 - #6	1 	#2 - #14	4 	UL Recognized CSA Certified CE Compliant
350	133x305	1/2/3	Plastic	AL	2/0 - #14	2 	2/0 - #14	2 	UL Recognized CSA Certified CE Compliant
350	143x306	1/2/3	Phenolic	AL	2/0 - #14	2 	2/0 - #14	2 	UL Recognized CSA Certified CE Compliant
350	143x555	1/2/3	Phenolic	AL	2/0 - #14	2 	#4 - #14	6 	UL Recognized CSA Certified CE Compliant
350	133x555	1/2/3	Plastic	AL	2/0 - #14	2 	#4 - #14	6 	UL Recognized CSA Certified CE Compliant

Power Blocks - Splicer/Distribution

Amps	Catalog #	Poles (X)	MATERIAL		LINE SIDE		LOAD SIDE		Agency Compliance
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole	Wire Range AWG/kcmil	Connector Openings/Pole	
350	133x555	1/2/3	Plastic	AL	2/0 - #14	2 	#4 - #14	6 	UL Recognized CSA Certified CE Compliant
350	143x955	1/2/3	Phenolic	CU	2/0 - #14	2 	#4 - #14	6 	UL Recognized CSA Certified CE Compliant
350	133x955	1/2/3	Plastic	CU	2/0 - #14	2 	#4 - #14	6 	UL Recognized CSA Certified CE Compliant
380	143x953	1/2/3	Phenolic	CU	500 - #4	1 	#2 - #14	6 	UL Recognized CSA Certified CE Compliant
380	133x953	1/2/3	Plastic	CU	500 - #4	1 	#2 - #14	6 	UL Recognized CSA Certified CE Compliant
380	144x551	1/2/3	Phenolic	AL	500 - #4	1 	#2 - #14	6 	UL Recognized CSA Certified CE Compliant
380	145x579	1/2/3	Phenolic	AL	500 - #4	1 	#2/0 - #14	4 	UL Recognized CSA Certified CE Compliant
380	133x587	1/2/3	Plastic	AL	500 - #4	1 	#2 - #14 350 - #6	3/1 	UL Recognized CSA Certified CE Compliant
380	143x587	1/2/3	Phenolic	AL	500 - #4	1 	#2 - #14 350 - #6	3/1 	UL Recognized CSA Certified CE Compliant
380	145x594	1/2/3	Phenolic	AL	500 - #4	1 	#2 - #14	8 	UL Recognized CSA Certified CE Compliant
380	145x552	1/2/3	Phenolic	AL	500 - #4	1 	#2 - #14	12 	UL Recognized CSA Certified CE Compliant
420	144x557	1/2/3	Phenolic	AL	600 - #4	1 	600 - #4	1 	UL Recognized CSA Certified CE Compliant
420	133x360	1/2/3	Phenolic	AL	600 - #2	1 	600 - #2	1 	UL Recognized CSA Certified CE Compliant
420	133x588	1/2/3	Plastic	AL	600 - #2	1 	#2 - #14 1/0 - #14	6/3 	UL Recognized CSA Certified CE Compliant
420	133x595	1/2/3	Plastic	AL	600 - #2	1 	#4 - #14	12 	UL Recognized CSA Certified CE Compliant
420	133x585	1/2/3	Plastic	AL	600 - #2	1 	#2 - #14	8 	UL Recognized CSA Certified CE Compliant
420	133x575	1/2/3	Plastic	AL	600 - #2	1 	2/0 - #14	4 	UL Recognized CSA Certified CE Compliant

Power Blocks - Splicer/Distribution

Amps	Catalog #	Poles (X)	MATERIAL		LINE SIDE		LOAD SIDE		Agency Compliance
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole	Wire Range AWG/kcmil	Connector Openings/Pole	
420	133x565	1/2/3	Plastic	AL	600 - #2	1 	250 - #6	2 	UL Recognized CSA Certified CE Compliant
420	135x601	1/2/3	Plastic	AL	600 - #2	1 	#6 - #14	24 	UL Recognized cUL Recognized
475	135x701	1/2/3	Plastic	AL	750 - 1/0	1 	750 - 1/0	1 	UL Listed ¹
510	133x320	1/2/3	Plastic	AL	250 - 1/0	2 	250 - 1/0	2 	UL Recognized CSA Certified CE Compliant
510	133x596	1/2/3	Plastic	AL	250 - 1/0	2 	#4 - #14	12 	UL Recognized CSA Certified CE Compliant
510	133x597	1/2/3	Plastic	AL	250 - 1/0	2 	#2 - #14	8 	UL Recognized CSA Certified CE Compliant
510	133x598	1/2/3	Plastic	AL	250 - 1/0	2 	2/0 - #14	4 	UL Recognized CSA Certified CE Compliant
620	145x129	1/2/3	Phenolic	AL	350 - #4	2 	350 - #4	2 	UL Recognized CSA Certified CE Compliant
620	1331348	1	Plastic	AL	350 - #4	2 	#8 - #14	48 	UL Recognized CSA Certified CE Compliant
690	145x587	1/2/3	Phenolic	AL	500 - #4 350 - #4	1/1 	2/0 - #14	4 	UL Recognized CSA Certified CE Compliant
760	145x301	1/2/3	Phenolic	AL	500 - #4	2 	500 - #4	2 	UL Recognized CSA Certified CE Compliant
760	145x592	1/2/3	Phenolic	AL	500 - #4	2 	#4 - #14	12 	UL Recognized CSA Certified CE Compliant
760	145x586	1/2/3	Phenolic	AL	500 - #6	2 	2/0 - #14	8 	UL Recognized CSA Certified CE Compliant
760	145x992	1/2/3	Phenolic	CU	500 - #4	2 	#2 - #14	12 	UL Recognized CSA Certified CE Compliant
760	145x986	1/2/3	Phenolic	CU	500 - #4	2 	2/0 - #14	8 	UL Recognized CSA Certified CE Compliant
760	145x408	1/2/3	Phenolic	AL	500 - #6	2 	#2 - #14	12 	UL Recognized CSA Certified CE Compliant
840	145x411	1/2/3	Phenolic	AL	600 - #2	2 	3/0 - #6 #4 - #14	4/4 	UL Recognized CSA Certified CE Compliant

¹UL Listed without a cover (CH). When covered, the product is UL Recognized to US and Canadian and standards (cULus).

Power Blocks - Splicer/Distribution

Amps	Catalog #	Poles (X)	MATERIAL		LINE SIDE		LOAD SIDE		Agency Compliance
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/ Pole	Wire Range AWG/kcmil	Connector Openings/ Pole	
950	135x605	1/2/3	Plastic	AL	600 - #2	2	350 - 4	4	UL Recognized cUL Recognized CE Compliant
950	135x702	1/2/3	Plastic	AL	750 - 1/0	2	750 - 1/0	2	UL Listed ¹
950	135x703	1/2/3	Plastic	AL	750 - 1/0	2	250 - #6	6	UL Listed ¹
950	135x704	1/2/3	Plastic	AL	750 - 1/0	2	2/0 - #14	10	UL Listed ¹
950	135x705	1/2/3	Plastic	AL	750 - 1/0	2	#2 - #14 250 - #6	12/3	UL Listed ¹
950	135x706	1/2/3	Plastic	AL	750 - 1/0	2	#2 - #14 250 - #6	4/5	UL Listed ¹
950	135x707	1/2/3	Plastic	AL	750 - 1/0	2	#2 - #14 3/0 - #6	12/4	UL Listed ¹
950	135x708	1/2/3	Plastic	AL	750 - 1/0	2	3/0 - #6	8	UL Listed ¹
2280	1453401 ²	1	Phenolic	AL	500 - #4	6	2/0 - #14	18	UL Recognized cUL Recognized CE Compliant

¹ UL Listed when purchased without a cover (CH). When purchased with a cover, the product is UL Recognized to US and Canadian and standards (cURus).

² Special 1-pole power block with the dimensions of a 3-pole 145 series power block.

Go to WWW.MARATHONSP.COM for:

Product specific data sheets (includes detailed drawings & SCCR Ratings)

Request 2D/3D CAD files

Check distributor stock

Request samples



Power Blocks - Stud Configurations

Electrical

- 115 - 1680 amps
- 600 volts AC/DC (UL)
- Flexible stranded wire compliant
- Multiple wire rating - refer to data sheets for details

Mechanical

- Base, black thermoplastic or phenolic (see chart)
- Insulator temp-ratings
 - Thermoplastic: 125°C (257°F) - UL RTI
 - Phenolic: 150°C (302°F) - UL RTI
- Flammability, UL 94 V-0
- Mounting: panel mountable, 132 series is also DIN mountable

Standards

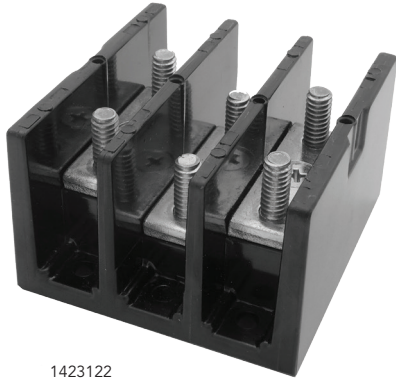
- See chart for product specific approvals listed
- UL recognized file no. XCFR2.E62806 (UL 1059)
- CSA certified file no. LR19766 (CSA C22-2 No. 158)
- CE (Component IEC 60947-7-1)
- RoHS compliant (all)

Accessories (consult customer service)

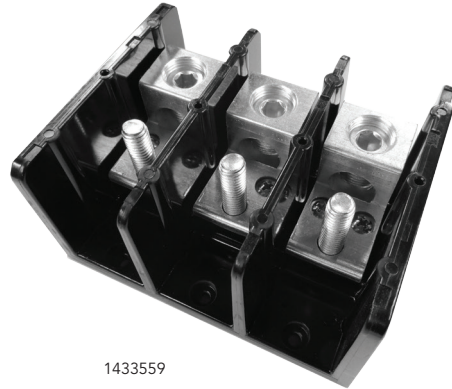
- Covers - see page 24 for series cover specifications
- Marking strips - available with custom printing
- Printing - consult factory for custom requests

See on-line data sheets for:

- Dimensional drawings
- Detailed SCCR information
- Termination and mounting specifications

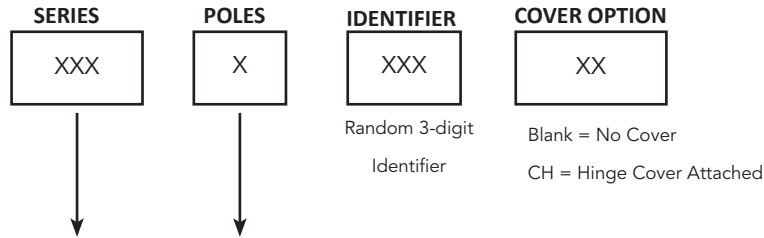


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






















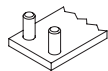










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











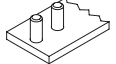







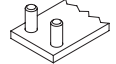











Series	Poles Available	Dimensions	Cover Type Available
141	1/2/3/4	Pg 21	Flat
140	2/3	Pg 22	Flat
132	0/1/2/3	Pg 21	Hinge
142	1/2/3	Pg 21	Flat
143		Pg 22	Flat
133		Pg 22	Hinge
144		Pg 23	Flat
145		Pg 23	Flat
135		Pg 23	Hinge

Power Blocks - Stud Configurations

Amps	Catalog #	Poles (X)	MATERIAL		LINE SIDE		LOAD SIDE		Agency Compliance
			Insulator	Conn.	Wire Range AWG/kcmil - or - Stud Size	Stud or Connector Openings/Pole	Wire Range AWG/kcmil - or - Stud Size	Stud or Connector Openings/Pole	
115	141x203	1/2/3/4	Plastic	AL	#2 - #14	1 	#10-32 X .60	1 	UL Recognized CSA Certified CE Compliant
175	132x574	0/1/2/3	Plastic	AL	2/0 - #14	1 	1/4-20 x .50	1 	UL Recognized CSA Certified CE Compliant
175	132x474	0/1/2/3	Plastic	AL	2/0 - #14	1 	M6 X 13	1 	UL Recognized CSA Certified CE Compliant
175	142x574	1/2/3	Phenolic	AL	2/0 - #14	1 	1/4-20 X .50	1 	UL Recognized CSA Certified CE Compliant
175	143x590	1/2/3	Phenolic	AL	2/0 - #14	1 	1/4-20 X 1.38	1 	UL Recognized CSA Certified CE Compliant
200	132x122	0/1/2/3	Plastic	CU	1/4-20 X .56	1 	1/4-20 X .56	1 	UL Recognized CSA Certified CE Compliant
200	132x422	0/1/2/3	Plastic	CU	M6 X 15	1 	M6 X 15	1 	UL Recognized CSA Certified CE Compliant
200	142x122	1/2/3	Phenolic	CU	1/4-20 X .56	1 	1/4-20 X .56	1 	UL Recognized CSA Certified CE Compliant
230	143x563	1/2/3	Phenolic	CU	3/8-16 x 1.18	1 	3/8-16 x 1.18	1 	UL Recognized CSA Certified CE Compliant
230	143x561	1/2/3	Phenolic	CU	3/8-16 x 1.18	1 	1/4-20 x 1.38	1 	UL Recognized CSA Certified CE Compliant
230	144x553	1/2/3	Phenolic	CU	3/8-16 x 1.44	1 	3/8-16 x 1.44	1 	UL Recognized CSA Certified CE Compliant
260	144x122	1/2/3	Phenolic	CU	3/8-16 x 1.44	1 	1/4-20 X .56	2 	UL Recognized CSA Certified CE Compliant
310	133x564	1/2/3	Plastic	CU	M10 x 30	1 	M10 x 30	1 	UL Recognized CSA Certified CE Compliant
310	133x563	1/2/3	Plastic	CU	3/8-16 x 1.18	1 	3/8-16 x 1.18	1 	UL Recognized CSA Certified CE Compliant
310	143x559	1/2/3	Phenolic	AL	350 - #6	1 	3/8-16 x 1.13	1 	UL Recognized CSA Certified CE Compliant
310	133x559	1/2/3	Phenolic	AL	350 - #6	1 	3/8-16 x 1.25	1 	UL Recognized CSA Certified CE Compliant
310	133x558	1/2/3	Phenolic	AL	350 - #6	1 	M10 x 30	1 	UL Recognized CSA Certified CE Compliant

Power Blocks - Stud Configurations

Amps	Catalog #	Poles (X)	MATERIAL		LINE SIDE		LOAD SIDE		Agency Compliance
			Insulator	Conn.	Wire Range AWG/kcmil - or - Stud Size	Stud or Connector Openings/ Pole	Wire Range AWG/kcmil - or - Stud Size	Stud or Connector Openings/ Pole	
360	145x573	1/2/3	Phenolic	CU	3/8-16 x 1.44	1 	3/8-16 x 1.44	2 	UL Recognized CSA Certified CE Compliant
360	145x583	1/2/3	Phenolic	CU	3/8-16 x 1.44	1 	1/4-20 x 1.44	2 	UL Recognized CSA Certified CE Compliant
380	144x569	1/2/3	Phenolic	AL	500 - #4	1 	1/4-20 x 1.06	2 	UL Recognized CSA Certified CE Compliant
380	144x575	1/2/3	Phenolic	AL	500 - #4	1 	3/8-16 x 1.31	1 	UL Recognized CSA Certified CE Compliant
410	145x606	1/2/3	Phenolic	CU	1/2-13 x 1.44	1 	1/2-13 x 1.44	1 	UL Recognized CSA Certified CE Compliant
410	133x611	1/2/3	Plastic	CU	1/2-13 x 1.38	1 	1/2-13 x 1.38	1 	UL Recognized CSA Certified CE Compliant
475	145x613	1/2/3	Phenolic	CU	3/8-16 x 1.44	1 	3/8-16 x 1.44	1 	UL Recognized CSA Certified CE Compliant
510	133x272	1/2/3	Phenolic	AL	3/8-16 x 1.19 ^(a)	1 	4 - #14	12 	UL Recognized CSA Certified CE Compliant
510	133x280	1/2/3	Phenolic	AL	3/8-16 x 1.19 ^(a)	1 	#2 - #14	8 	UL Recognized cUL Recognized CE Compliant
510	133x270	1/2/3	Plastic	AL	3/8-16 x 1.19 ^(a)	1 	2/0 - #14	4 	UL Recognized CSA Certified CE Compliant
760	145x282	1/2/3	Phenolic	AL	3/8-16 x 1.00	2 	2/0 - #14	8 	UL Recognized CSA Certified CE Compliant
760	145x599	1/2/3	Phenolic	AL	500 - #4	2 	3/8-16 x 1.31	2 	UL Recognized CSA Certified CE Compliant
760	145x610	1/2/3	Phenolic	AL	500 - #4	2 	1/2-13 x 1.31	1 	UL Recognized (cURus)
840	144x614	1/2/3	Phenolic	CU	3/8-16 x 1.00	1 	3/8-16 x 1.00	1 	UL Recognized CSA Certified CE Compliant
1680	145x615	1/2/3	Phenolic	AL	600 - #4	2 	1/2-13 x 1.56	1 	UL Recognized CSA Certified CE Compliant

^(a) M10 x 30mm stud is available as an alternate.

Consult customer service or visit <http://www.marathonsp.com/EngineeringRequest.html> for part numbers and availability.

Power Blocks - Miscellaneous Configurations

Electrical

- 115 - 200 amps
- 600 volts AC/DC (UL)
- Flexible stranded wire compliant
- Multiple wire rating - refer to data sheets for details

Mechanical

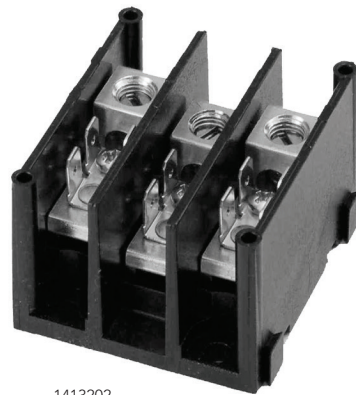
- Base, black thermoplastic or phenolic (see chart)
- Insulator temp-ratings
 - Thermoplastic: 125°C (257°F) - UL RTI
 - Phenolic: 150°C (302°F) - UL RTI
- Flammability, UL 94 V-0
- Mounting: panel mountable, 132 series is also DIN mountable

Standards

- See chart for product specific approvals listed
- UL recognized file no. XCFR2.E62806 (UL 1059)
- CSA certified file no. LR19766 (CSA C22-2 No. 158)
- CE (Component IEC 60947-7-1)
- RoHS compliant (All)

Accessories (consult customer service)















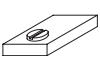

- Covers - see page 24 for series cover specifications
- Marking strips - available with custom printing
- Printing - consult factory for custom requests



1413202

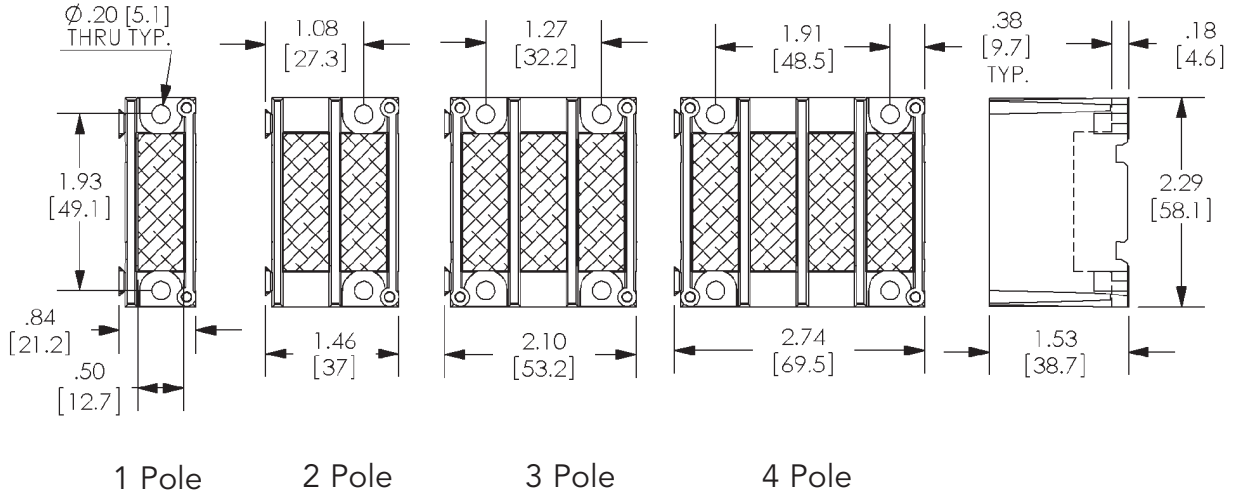


1413205

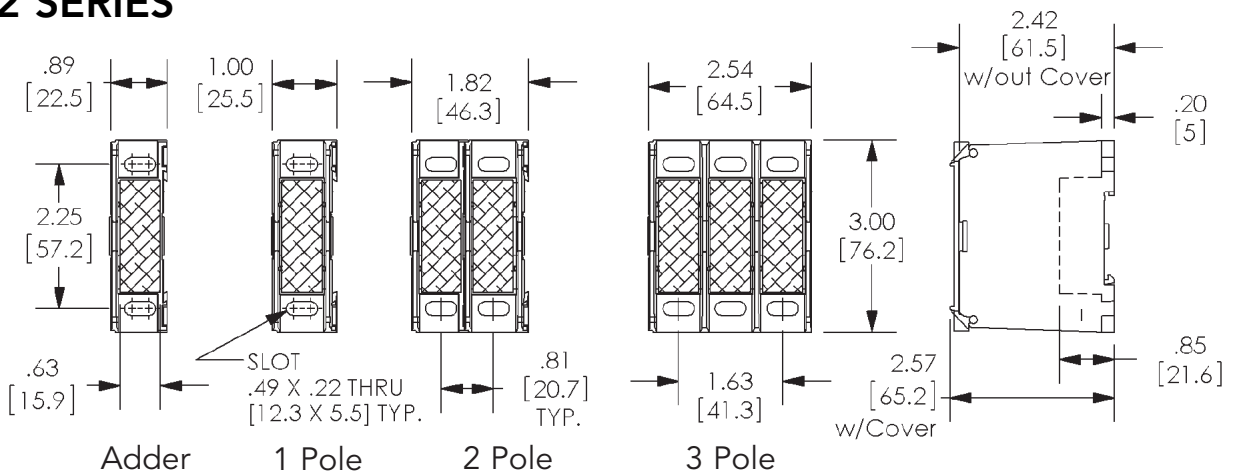
Amps	Catalog #	Poles (X)	MATERIAL		LINE SIDE		LOAD SIDE		Agency Compliance
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole	Wire Range AWG/kcmil	Connector Openings/Pole	
115	141x201	1/2/3/4	Plastic	AL	#2 - #14	1 	#10-32 Tapped Hole	1 	UL Recognized CSA Certified CE Compliant
115	141x202	1/2/3/4	Plastic	AL	#2 - #14	1 	1/4 Quick Connects	4 	UL Recognized CSA Certified CE Compliant
115	141x205	1/2/3/4	Plastic	AL	#2 - #14	1 	1/4 Quick Connects (2) & #10-32 Tap	2/1 	UL Recognized CSA Certified CE Compliant
115	141x301	1/2/3/4	Plastic	AL	#2 - #14	1 	#2 - #14 & 1/4 Quick Connect	1/1 	UL Recognized CSA Certified CE Compliant
175	142x553	1/2/3	Phenolic	AL	#2/0 - #14	1 	1/4-20 Tapped Hole	1 	UL Recognized CSA Certified CE Compliant
175	132x579	1/2/3	Plastic	AL	#2/0 - #14	1 	#2 - #14 & (1) Quick Connect	1/1 	UL Recognized
175	132x670	1/2/3	Plastic	AL	#2/0 - #14	1 	#4 - #14 & (1) Quick Connect	4/1 	UL Recognized
200	142x123	1/2/3	Phenolic	CU	1/4-20 Screw	1 	1/4-20 Screw	1 	UL Recognized CSA Certified CE Compliant

Power Terminal Block Dimensions

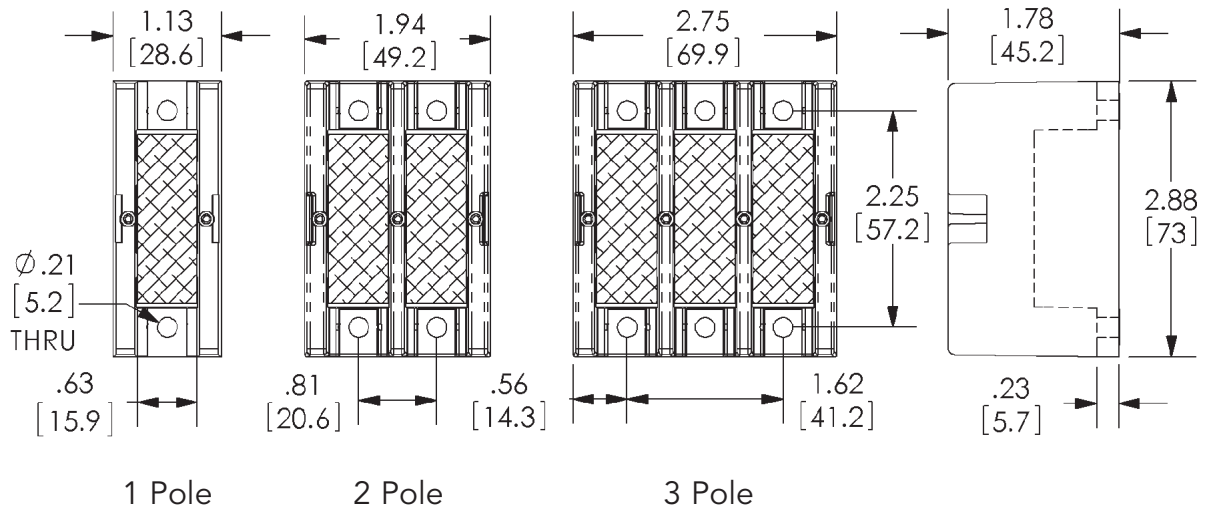
141 SERIES



132 SERIES

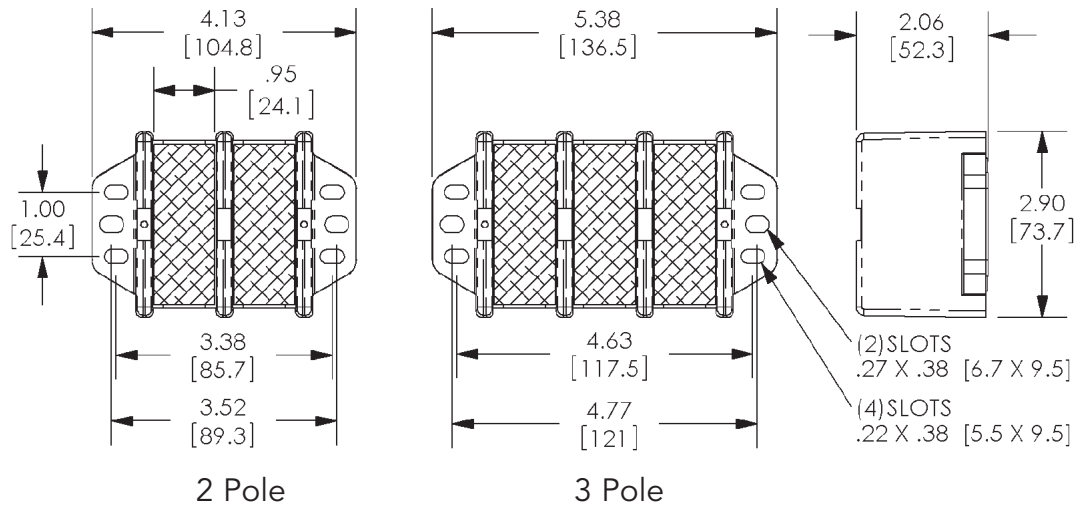


142 SERIES

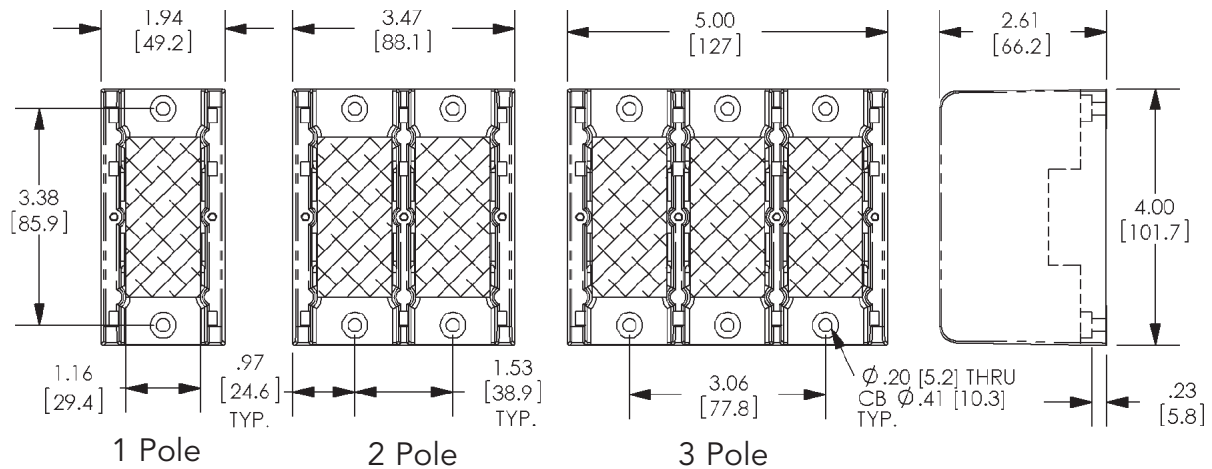


Power Terminal Block Dimensions

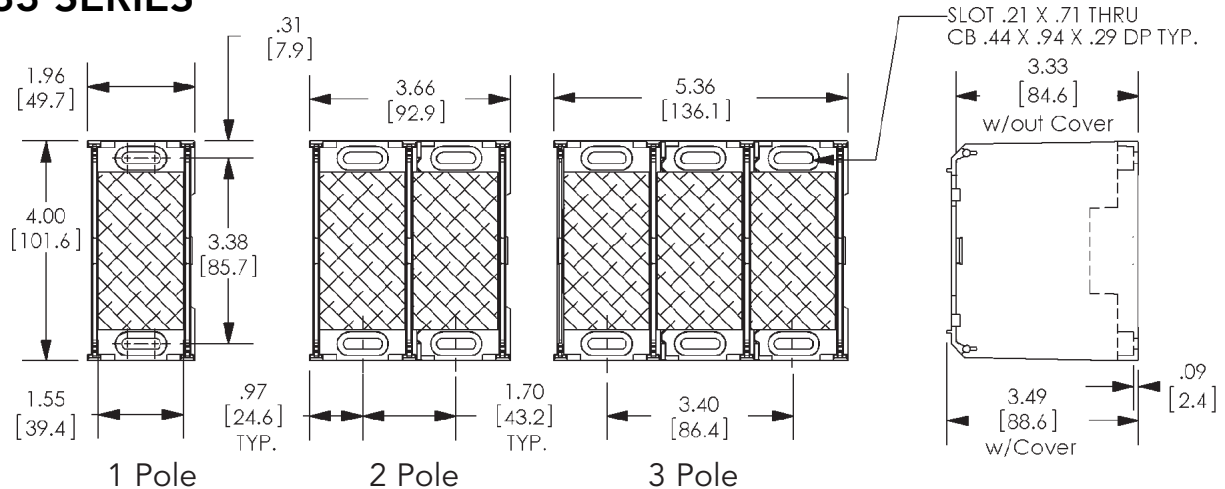
140 SERIES



143 SERIES

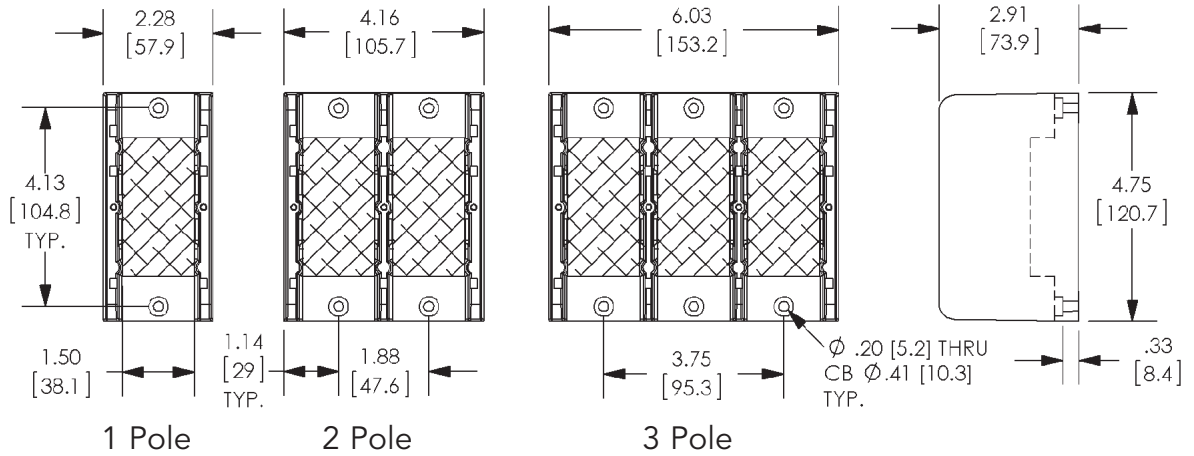


133 SERIES

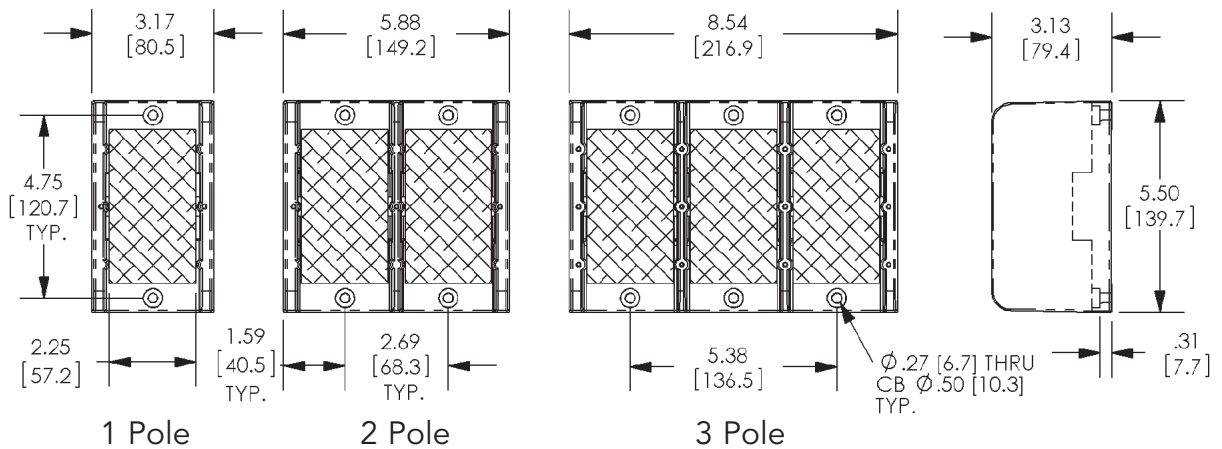


Power Terminal Block Dimensions

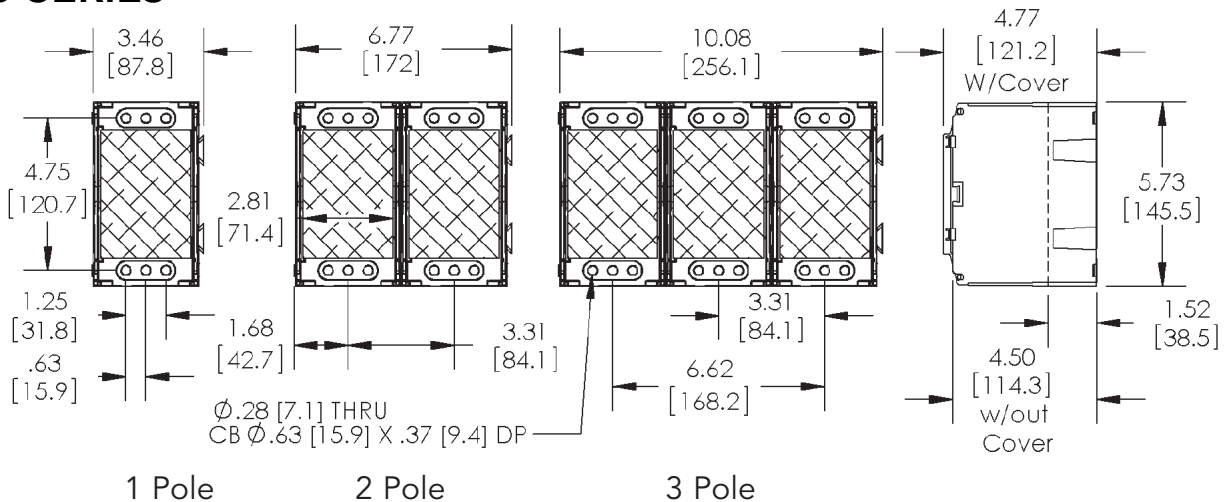
144 SERIES



145 SERIES



135 SERIES



Power Block Covers

Specifications:

140/141/142/143/144/145 Series (Figures 1 & 2)

- Material UL recognized, QMFZ2, 125°C, .06 clear protective plastic
- Thread cutting screws furnished per cover
- RoHS compliant

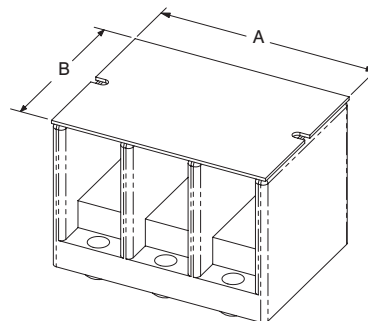


FIGURE 1

132/133 Series (Figure 3)

- Snap on, hinge cover, black thermoplastic
- UL recognized, QMFZ2, 125°C
- RoHS compliant

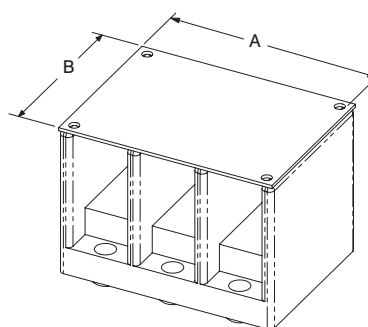


FIGURE 2

135 Series (Figure 4)

- Snap on, hinge cover, black thermoplastic
- UL recognized, QMFZ2, 125°C
- RoHS compliant

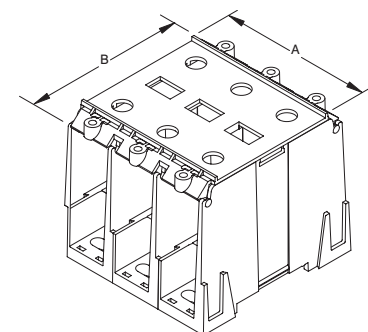


FIGURE 3
(Hinge Cover)

Dimensions (inches):

Catalog #	A	B	Figure #
CC1402	2.75	2.50	1
CC1403	4.00		
CC1411	0.77	2.40	2
CC1412	1.42		
CC1413	2.05		
CC1414	2.68		
CC1421	1.06	2.75	1
CC1422	1.87		
CC1423	2.68		
CC1431	1.78	3.38	1
CC1432	3.31		
CC1433	4.84		
CC1411	2.12	4.00	1
CC1442	4.00		
CC1443	5.87		
CC1451	2.87	4.5	1
CC1452	5.56		
CC1453	8.28		
CH1321	0.88	2.87	3
CH1322	1.69		
CH1323	2.50		
CH1331	1.93	3.89	3
CH1332	3.61		
CH1333	5.30		
CH1351 (one pole only)	3.35		

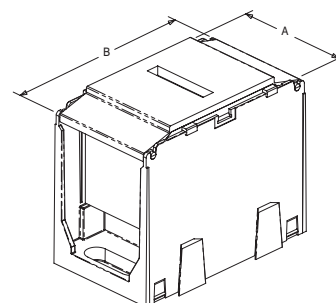


FIGURE 4
(Hinge Cover)