

Marathon Special Products

Fused Disconnect Switch



Specifications

- 30 amps
- 600 volts AC
- Line/Load #4-18 AWG
- Factory & Field Wiring
- Minimum indicator voltage – 90V-AC
- Din-Rail mountable on any 35mm wide rail

Material Information

- Insulator base:
 - Thermoplastic
 - Flammability rating of insulator base UL94 V-0
 - Insulator base temperature rating: -40°C to 130°C (UL RTI)
- Fuse clip & Busses – plated copper
- Spring & Screws – plated steel
- RoHS compliant

Agency Compliance

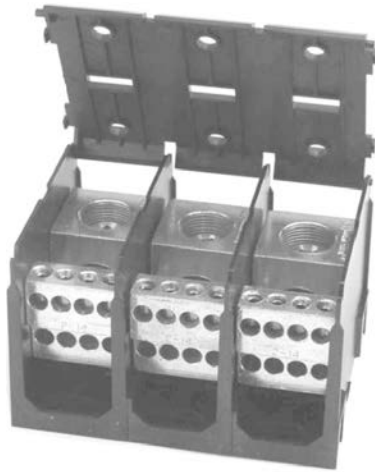
- cULus Listed file no. WHTY.E483215
 - UL98 – Open type switches
 - CSA C22.2 No.4 – enclosed and deadfront switches
- IEC 60947-3 (Pending)
- IEC 60529 degree of protection IP20



Catalog Number	No. of Poles	Amps	Volts (AC)	SCCR	Wire type	Fuse Class
FDS-30-C-1	1	30	120	200kA	75°C CU Wire or Higher (CU75)	CC
FDS-30-C-2	2		600	200kA		
FDS-30-C-3	2		600	200kA		

Power Blocks – Marathon Special Products

Splicer & Distribution NEMA Power Blocks



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 datasheets 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)



































Covers available – see page 15

Blocks with “CH” suffix are complete with removable hinged cover

Amps	Poles (X)	Catalog # Substitute (X) for # of poles	Material		Line Side			Load Side		
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole	Wire Range AWG/kcmil	Connector Openings/Pole		
60	1/2/3/4	141X403	Plastic	AL	#2 - #14	1		#10 - #18	2	
115	1/2/3/4	141X300	Plastic	AL	#2 - #14	1		#2 - #14	1	
	1/2/3	142X552	Phenolic	AL	#2 - #14	1		#2 - #14	1	
	1/2/3/4	141X400	Plastic	AL	#2 - #14	1		#10 - #18	4	
150	1/2/3	142X121	Phenolic	CU	1/0 - #14	1		1/0 - #14	1	
175	0/1/2/3	132X572CH	Plastic	AL	2/0 - #14	1		2/0 - #14	1	
	1/2/3	142X572	Phenolic	AL	2/0 - #14	1		2/0 - #14	1	



































Power Blocks – Marathon Special Products

Splicer & Distribution NEMA Power Blocks

Amps	Poles (X)	Catalog # Substitute (X) for # of poles	Material		Line Side			Load Side		
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole		Wire Range AWG/kcmil	Connector Openings/Pole	
175	1/2/3	132X972CH	Plastic	CU	2/0 - #14	1		2/0 - #14	1	
	0/1/2/3	132X570CH	Plastic	AL	2/0 - #14	1		#4 - #14	4	
	1/2/3	142X570	Phenolic	AL	2/0 - #14	1		#4 - #14	4	
	0/1/2/3	132X580CH	Plastic	AL	2/0 - #14	1		#4 - #14	6	
	2/3	140X402	Phenolic	AL	2/0 - #14	1		#4 - #14	4	
	2/3	140X401	Phenolic	AL	2/0 - #14	1		#4 - #14	6	
	0/1/2/3	132X970CH	Plastic	CU	2/0 - #14	1		#4 - #14	4	
	1/2/3	142X970	Phenolic	CU	2/0 - #14	1		#4 - #14	4	
255	1/2/3	143X124	Phenolic	CU	250 - #6	1		250 - #6	1	
	1/2/3	143X123	Phenolic	AL	250 - #6	1		250 - #6	1	
	2/3	140X801	Phenolic	CU	250 - #6	1		250 - #6	1	
310	2/3	140X303	Phenolic	AL	350 - #6	1		350 - #6	1	
	1/2/3	143X126	Plastic	AL	350 - #6	1		350 - #6	1	
	1/2/3	133X126CH	Plastic	AL	350 - #6	1		350 - #6	1	
	2/3	140X404	Phenolic	AL	350 - #6	1		#4 - #14	6	
	1/2/3	133X554CH	Plastic	AL	350 - #6	1		2/0 - #14	2	
	2/3	140X410	Phenolic	AL	350 - #6	1		2/0 - #14	2	








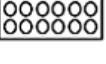















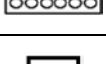










Power Blocks – Marathon Special Products

Splicer & Distribution NEMA Power Blocks

Amps	Poles (X)	Catalog # Substitute (X) for # of poles	Material		Line Side			Load Side		
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole		Wire Range AWG/kcmil	Connector Openings/Pole	
310	1/2/3	143X554	Phenolic	AL	350 - #6	1		2/0 - #14	2	
	1/2/3	133X324CH	Plastic	AL	350 - #6	1		#8 - #14	24	
335	1/2/3	144X401	Phenolic	AL	400 - #6	1		#2 - #14	6	
	1/2/3	143X552	Phenolic	AL	400 - #6	1		#2 - #14	4	
	1/2/3	143X553	Phenolic	AL	400 - #6	1		#2 - #14	6	
	1/2/3	144X560	Phenolic	AL	400 - #6	1		#2 - #14	8	
	1/2/3	133X552CH	Plastic	AL	400 - #6	1		#2 - #14	4	
350	1/2/3	133X305CH	Plastic	AL	2/0 - #14	2		2/0 - #14	2	
	1/2/3	143X306	Phenolic	AL	2/0 - #14	2		2/0 - #14	2	
	1/2/3	143X555	Phenolic	AL	2/0 - #14	2		#4 - #14	6	
	1/2/3	133X555CH	Plastic	AL	2/0 - #14	2		#4 - #14	6	
	1/2/3	143X955	Phenolic	CU	2/0 - #14	2		#4 - #14	6	
	1/2/3	133X955CH	Plastic	CU	2/0 - #14	2		#4 - #14	6	
380	1/2/3	143X953	Phenolic	CU	500 - #4	1		#2 - #14	6	
	1/2/3	133X953CH	Plastic	CU	500 - #4	1		#2 - #14	6	
	1/2/3	144X551	Phenolic	AL	500 - #4	1		#2 - #14	6	
	1/2/3	145X579	Phenolic	AL	500 - #4	1		2/0 - #14	6	




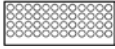






























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Splicer & Distribution NEMA Power Blocks

Amps	Poles (X)	Catalog # Substitute (X) for # of poles	Material		Line Side			Load Side		
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole		Wire Range AWG/kcmil	Connector Openings/Pole	
380	1/2/3	133X587CH	Plastic	AL	500 - #4	1		#2 - #14 350 - #6	3/1	
	1/2/3	143X587	Phenolic	AL	500 - #4	1		#2 - #14 350 - #6	3/1	
	1/2/3	145X594	Phenolic	AL	500 - #4	1		#2 - #14	8	
	1/2/3	145X552	Phenolic	AL	500 - #4	1		#2 - #14	12	
420	1/2/3	144X557	Phenolic	AL	600 - #4	1		600 - #4	1	
	1/2/3	133X360CH	Plastic	AL	600 - #2	1		600 - #2	1	
	1/2/3	133X588CH	Plastic	AL	600 - #2	1		#2 - #14 1/0 - #14	6/3	
	1/2/3	133X595CH	Plastic	AL	600 - #2	1		#4 - #14	12	
	1/2/3	133X585CH	Plastic	AL	600 - #2	1		#2 - #14	8	
	1/2/3	133X575CH	Plastic	AL	600 - #2	1		2/0 - #14	4	
	1/2/3	133X565CH	Plastic	AL	600 - #2	1		250 - #6	2	
	1/2/3	135X601CH	Plastic	AL	600 - #2	1		#6 - #14	24	
475	1/2/3	135X701CH	Plastic	AL	750 - 1/0	1		750 - 1/0	1	
510	1/2/3	133X320CH	Plastic	AL	250 - 1/0	2		250 - 1/0	2	
	1/2/3	133X596CH	Plastic	AL	250 - 1/0	2		#4 - #14	12	
	1/2/3	133X597CH	Plastic	AL	250 - 1/0	2		#2 - #14	8	
	1/2/3	133X598CH	Plastic	AL	250 - 1/0	2		2/0 - #14	4	





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Splicer & Distribution NEMA Power Blocks


Amps	Poles (X)	Catalog # Substitute (X) for # of poles	Material		Line Side			Load Side		
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole		Wire Range AWG/kcmil	Connector Openings/Pole	
620	1/2/3	145X129	Phenolic	AL	350 - #4	2		350 - #4	2	
	1	1331348CH	Plastic	AL	350 - #4	2		#8 - #14	48	
690	1/2/3	145X587	Phenolic	AL	500 - #4 350 - #4	2		2/0 - #14	4	
760	1/2/3	145X301	Phenolic	AL	500 - #4	2		500 - #4	2	
	1/2/3	145X592	Phenolic	AL	500 - #4	2		#4 - #14	12	
	1/2/3	145X596	Phenolic	AL	500 - #6	2		2/0 - #14	8	
	1/2/3	145X992	Phenolic	CU	500 - #4	2		#2 - #14	12	
	1/2/3	145X986	Phenolic	CU	500 - #4	2		2/0 - #14	8	
	1/2/3	145X408	Phenolic	AL	500 - #6	2		#2 - #14	12	
840	1/2/3	145X411	Phenolic	AL	600 - #2	2		3/0 - #6 #4 - #14	4/4	
950	1/2/3	135X605 UL Listed	Plastic	AL	600 - #2	2		350 - #4	4	
	1/2/3	135X702 UL Listed	Plastic	AL	750 - 1/0	2		750 - 1/0	2	
	1/2/3	135X703 UL Listed	Plastic	AL	750 - 1/0	2		250 - #6	6	
	1/2/3	135X704 UL Listed	Plastic	AL	750 - 1/0	2		2/0 - #14	10	
	1/2/3	135X705 UL Listed	Plastic	AL	750 - 1/0	2		#2 - #14 250 - #6	12/3	
	1/2/3	135X706 UL Listed	Plastic	AL	750 - 1/0	2		#2 - #14 250 - #6	4/5	
	1/2/3	135X707 UL Listed	Plastic	AL	750 - 100	2		#2 - #14 3/0 - #6	12/4	

Power Blocks – Marathon Special Products

Splicer & Distribution NEMA Power Blocks

Amps	Poles (X)	Catalog # Substitute (X) for # of poles	Material		Line Side			Load Side		
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole		Wire Range AWG/kcmil	Connector Openings/Pole	
950	1/2/3	135X708 UL Listed	Plastic	AL	750- 1/0	2		3/0 - #6	8	
2280	1	1453401	Phenolic	AL	500 - #4	6		2/0 - #14	18	

Splicer & Distribution - Enclosed Power Blocks (EPB)



Electrical





- 115 - 760 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 mountable and/or DIN mountable












Standards

- See datasheets 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)

Amps	Catalog Number	Mounting Style	Max SCCR	Conn. Material	Line Side			Load Side		
					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	
	EPBAD24	Both DIN & Panel	65,000	AL	#2 - #14	1		#10 - #18	4	

Power Blocks – Marathon Special Products

Splicer & Distribution - Enclosed Power Blocks (EPB)

Amps	Catalog Number	Mounting Style	Max SCCR	Conn. Material	Line Side			Load Side								
					Wire Range AWG/kcmil	Connector Openings/Pole		Wire Range AWG/kcmil	Connector Openings/Pole							
200	EPBAD42	DIN	100,000	AL	3/0 - #14	1		3/0 - #14	1							
	EPBAP42	Panel														
	EPBCD42	DIN	100,000	CU												
	EPBCP42	Panel														
	EPBAD45	DIN	100,000	AL							3/0 - #14	1		#2 - #14	4	
	EPBAP45	Panel														
	EPBCD45	DIN	100,100	CU												
	EPBCP45	Panel														
335	EPBAD74	DIN	10,000	AL	400 - #6 2/0 - #14	1/1		#2 - #14	8							
	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							
	EPBAP71	Panel	100,000													
	EPBCD71	DIN	10,000	CU												
	EPBCP71	Panel	100,000													
760	EPBAP81	Panel	100,000	AL	500 - #4	2		500 - #4	2							
	EPBAP84			CU				2/0 - #14	8							
	EPBCP84															

Power Blocks – Marathon Special Products

Bulk Fastening Power Blocks (BFPB)

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

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

Standards

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



Catalog Number	Stud Positions	Stud Size	Cover Part Number
BFPB-50-2-2	2	1/2"	CC-BFPB-2-2
BFPB-50-2-3	3		CC-BFPB-2-3
BFPB-50-2-4	4		CC-BFPB-2-4
BFPB-50-2-5	5		CC-BFPB-2-5
BFPB-50-2-6	6		CC-BFPB-2-6
BFPB-37-1-3	3	3/8"	CC-BFPB-1-3
BFPB-37-1-4	4		CC-BFPB-1-4
BFPB-37-1-5	5		CC-BFPB-1-5
BFPB-37-1-6	6		CC-BFPB-1-6

Power Blocks – Marathon Special Products

High Voltage Power Blocks (HVPB)



Electrical

- 350 - 950 amps
- 1500 volts AC/DC (UL)
- Provides feeder circuit terminal spacing at 600V
- Flexible stranded wire compliant
- Multiple wire rating - refer to data sheets for details











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

- See datasheets for product specific approvals listed
- UL recognized file no. XCFR2.E62806 (UL 1059)
- cUR recognized file no. XCFR8.E62806 (UL 1059)
- RoHS compliant










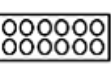

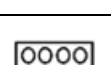

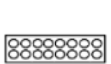

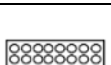

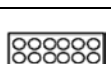

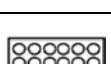






Covers available – see page 15

Amps	Catalog Number	Conn. Temp Rating	Material		Line Side			Load Side		
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole	Wire Range AWG/kcmil	Connector Openings/Pole	Connector Openings/Pole	
350	HVPB105	90°C	Plastic	AL	Stud, M10	1		#10 - #14 (a)	24	
420	HVPB108	75°C	Plastic	AL	600 - #2	1		#4 - #14	12	
	HVPB109	75°C	Plastic	AL	600 - #2	1		600 - #2	1	
430	HVPB101	90°C	Plastic	AL	Stud, M10	1		#6 - #14 (b)	12	
	HVPB103	90°C	Plastic	AL	Stud, M10	1		#4 - #14 (c)	8	

- (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 – Marathon Special Products

High Voltage Power Blocks (HVPB)

Amps	Catalog Number	Conn. Temp Rating	Material		Line Side			Load Side		
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole	Wire Range AWG/kcmil	Connector Openings/Pole		
430	HVPB107	90°C	Plastic	CU	Stud, M10	1		Stud, M10	1	
	HVPB208	90°C	Plastic	CU	Stud, 1/2-13 x 1.44	1		Stud, 1/2-13 x 1.44	1	
750	HVPB112	90°C	Plastic	CU	Stud, 3/8"	1		Stud, 3/8"	1	
	HVPB114	90°C	Plastic	CU	Stud, 1/2"	1		Stud, 1/2"	1	
760	HVPB210	75°C	Plastic	AL	500 - #4	2		#2 - #14	12	
	HVPB211	75°C	Plastic	AL	500 - #4	2		2/0 - #14	8	
860	HVPB205	90°C	Plastic	AL	Stud, M10	1		#4 - #14 (c)	16	
	HVPB207	90°C	Plastic	AL	Stud, M10	2		#4 - #14 (c)	16	
	HVPB201	90°C	Plastic	AL	Stud, M10	1		#6 - #14 (b)	24	
	HVPB203	90°C	Plastic	AL	Stud, M10	2		#6 - #14 (b)	24	
950	HVPB602	90°C	Plastic	AL	600 - #2	2		600 - #2	2	
1500	HVPB212	90°C	Plastic	CU	Stud, 3/8"	2		Stud, 3/8"	2	
	HVPB214	90°C	Plastic	CU	Stud, 1/2"	2		Stud, 1/2"	2	

- (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 – Marathon Special Products

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 datasheets 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)

































Covers available – see page 15

Blocks with “CH” suffix are complete with removable hinged cover

Amps	Poles (X)	Catalog # Substitute (X) for # of poles	Material		Line Side			Load Side		
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole	Wire Range AWG/kcmil	Connector Openings/Pole		
115	1/2/3/4	141X203	Plastic	AL	#2 - #14	1		#10-32 x .60	1	
175	0/1/2/3	132X574CH	Plastic	AL	2/0 - #14	1		1/4-20 x .50	1	
	0/1/2/3	132X474CH	Plastic	AL	2/0 - #14	1		M6 x 13	1	
	1/2/3	142X574	Phenolic	AL	2/0 - #14	1		1/4-20 x .50	1	
	1/2/3	143X590	Phenolic	AL	2/0 - #14	1		1/4-20 x 1.38	1	
200	0/1/2/3	132X122CH	Plastic	CU	1/4-20 x .56	1		1/4-20 x .56	1	
	0/1/2/3	132X422CH	Plastic	CU	M6 x 15	1		M6 x 15	1	



















Power Blocks – Marathon Special Products

Power Blocks - Stud Configurations

Amps	Poles (X)	Catalog # Substitute (X) for # of poles	Material		Line Side			Load Side		
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole	Wire Range AWG/kcmil	Connector Openings/Pole		
200	1/2/3	142X122	Phenolic	CU	1/4-20 x .56	1		1/4-20 x .56	1	
230	1/2/3	143X563	Phenolic	CU	3/8-16 x 1.18	1		3/8-16 x 1.18	1	
	1/2/3	143X561	Phenolic	CU	3/8-16 x 1.18	1		1/4-20 x 1.38	1	
	1/2/3	144X553	Phenolic	CU	3/8-16 x 1.44	1		3/8-16 x 1.44	1	
260	1/2/3	144X122	Phenolic	CU	3/8-16 x 1.44	1		1/4-20 x .56	2	
310	1/2/3	133X564CH	Plastic	CU	M10 x 30	1		M10 x 30	1	
	1/2/3	133X563CH	Plastic	CU	3/8-16 x 1.18	1		3/8-16 x 1.18	1	
	1/2/3	143X559	Phenolic	AL	350 - #6	1		3/8-16 x 1.13	1	
	1/2/3	133X559CH	Plastic	AL	350 - #6	1		3/8-16 x 1.25	1	
	1/2/3	133X558CH	Plastic	AL	350 - #6	1		M10 x 30	1	
360	1/2/3	145X573	Phenolic	CU	3/8-16 x 1.44	1		3/8-16 x 1.44	2	
	1/2/3	145X583	Phenolic	CU	3/8-16 x 1.44	1		1/4-20 x 1.44	2	
380	1/2/3	144X569	Phenolic	AL	500 - #4	1		1/4-20 x 1.06	2	
	1/2/3	144X575	Phenolic	AL	500 - #4	1		3/8-16 x 1.31	1	
410	1/2/3	145X606	Phenolic	CU	1/2-13 x 1.44	1		1/2-13 x 1.44	1	
	1/2/3	133X611CH	Plastic	CU	1/2-13 x 1.38	1		1/2-13 x 1.38	1	

Power Blocks – Marathon Special Products

Power Blocks - Stud Configurations

Amps	Poles (X)	Catalog # Substitute (X) for # of poles	Material		Line Side			Load Side		
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole		Wire Range AWG/kcmil	Connector Openings/Pole	
475	1/2/3	145X613	Phenolic	CU	3/8-16 x 1.44	2		3/8-16 x 1.44	1	
510	1/2/3	133X272CH	Plastic	AL	3/8-16 x 1.19	1		#4 - #14	12	
	1/2/3	133X280CH	Plastic	AL	3/8-16 x 1.19	1		#2 - #14	8	
	1/2/3	133X270CH	Plastic	AL	3/8-16 x 1.19	1		2/0 - #14	4	
760	1/2/3	145X282	Phenolic	AL	3/8-16 x 1.00	2		2/0 - #14	8	
	1/2/3	145X599	Phenolic	AL	500 - #4	2		3/8-16 x 1.31	2	
	1/2/3	145X610	Phenolic	AL	500 - #4	2		1/2-13 x 1.31	1	
840	1/2/3	144X614	Phenolic	CU	3/8-16 x 1.00	1		3/8-16 x 1.00	1	
1680	1/2/3	145X615	Phenolic	AL	600 - #4	4		1/2-13 x 1.56	1	

Power Blocks – Marathon Special Products

Power Blocks - Miscellaneous Configurations



Electrical

- 115 - 200 amps
- 600 volts AC/DC (cULus)
- 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 datasheets for 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)

Covers available – see page 15

Blocks with “CH” suffix are complete with removable hinged cover

Amps	Poles (X)	Catalog # Substitute (X) for # of poles	Material		Line Side			Load Side		
			Insulator	Conn.	Wire Range AWG/kcmil	Connector Openings/Pole	Wire Range AWG/kcmil	Connector Openings/Pole		
115	1/2/3/4	141X201	Plastic	AL	#2 - #14	1		#10-32 Tapped Hole	1	
	1/2/3/4	141X202	Plastic	AL	#2 - #14	1		1/4 Quick Connects	4	
	1/2/3/4	141X205	Plastic	AL	#2 - #14	1		1/4 Quick Connects & #10-32 Tap	2/1	
	1/2/3/4	141X301	Plastic	AL	#2 - #14	1		#2 - #14 & 1/4 Quick Connects	1/1	
175	1/2/3	142X553	Phenolic	AL	2/0 - #14	1		1/4-20 Tapped Hole	1	
	1/2/3	132X579CH	Plastic	AL	2/0 - #14	1		#2 - #14 & 1/4 Quick Connect	1/1	
	1/2/3	132X670CH	Plastic	AL	2/0-#14	1		#4 - #14 & 1/4 Quick Connect	4/1	
200	1/2/3	142X123	Phenolic	CU	1/4-20 Screw	1		1/4-20 Screw	1	

Power Block Covers

Specifications: (please refer to spec sheets)

141 Series (Figure 1)

- Material UL recognized, QMFZ2, 125°C, clear protective plastic
- Snap on
- RoHS compliant

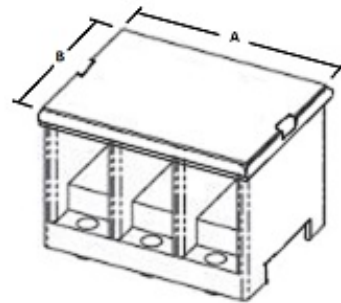


FIGURE 1

140/142/143/144/145 Series (Figure 2)

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

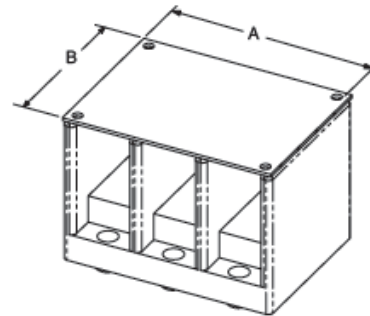


FIGURE 2

132/133/HVPB Series (Figure 3)

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

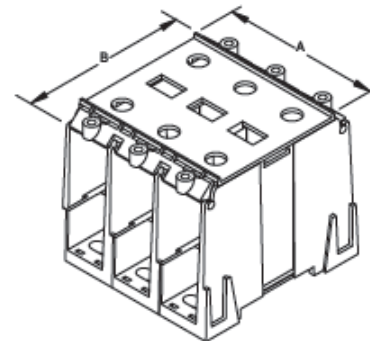


FIGURE 3
(Hinge Cover)

135 Series (Figure 4)

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

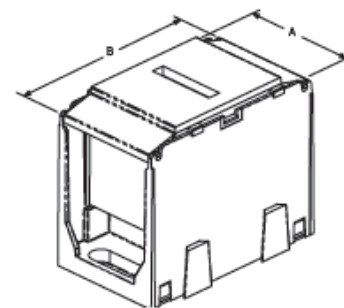


FIGURE 4
(Hinge Cover)

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	4.50	1
CC1452	5.56		
CC1453	8.28		
CH1321	0.88		
CH1322	1.69		
CH1323	2.50		
CH1331*	1.93	3.89	3
CH1332**	3.61		
CH1333	5.30		
CH1351 (1 POLE ONLY)	3.35	5.65	4

*HVPB1xx **HVPB2xx