

2021 CATALOG

POWER BLOCK TYPES

POWER BLOCK TYPE	PAGE #	DESCRIPTION	IMAGE
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.	
SPLICER & DISTRIBUTION	9	Splicer and distribution power blocks are our traditional 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.	
STUD CONFIGURATIONS	17	Studded power blocks in variations of our traditional Open Style (600V) Series, as well as variations of our higher voltage rated series (HVPB's) and our robust multi-stud series (BFPB's). These power blocks provide studs, or a combination of bare wire terminals with the stud to terminate crimp lugs or bus bar to distribute power.	

STANDARDS:

Regal's Marathon® Special Products 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 terminal 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): See General Information (pg 4) for class descriptions.

LISTED power distribution 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. Listed power blocks provide feeder circuit terminal spacing requirements of UL508A.

ENCLOSED - SPLICER/DISTRIBUTION

ELECTRICAL:

115 to 760 amps
600 volts AC/DC (UL)
High SCCRs (35 to 100kA) with fusing or circuit breakers
Flexible stranded wire compliant

STANDARDS:

UL 1953 listed - or - UL 1059 recognized

- Listed file no. QPQS.E309401
- Recognized file no. XCFR2.E62806

 CSA certified file no. LR19766 (CSA C22-2 No. 158)
 CE (Component IEC 60947-7-1)
 RoHS compliant (All)

RESOURCES:

Detailed product data sheet links below:

- Material information
- Termination & mounting specifications
- Multiple wire rating specifications
- Detailed SCCR information
- Dimensional drawings
- Accessories available



EPBAP48

2D & 3D CAD Files

AMPS	CATALOG #	MOUNTING STYLE	MAX SCCR	CONNECTOR MATERIAL	LINE SIDE		LOAD SIDE		FEEDER CIRCUIT COMPLIANT PER UL508
					WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/ POLE	WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/ POLE	
115	EPBAD21	DIN/ Panel	100,000	AL	#2 - #14	1	#2 - #14	1	Yes
115	EPBAD24	DIN/ Panel	65,000	AL	#2 - #14	1	#10 - #18	4	Yes
200	EPBAD42	DIN	100,000	AL	3/0 - #14	1	3/0 - #14	1	Yes
200	EPBAP42	Panel	100,000	AL	3/0 - #14	1	3/0 - #14	1	Yes
200	EPBCD42	DIN	100,000	CU	3/0 - #14	1	3/0 - #14	1	Yes
200	EPBCP42	Panel	100,000	CU	3/0 - #14	1	3/0 - #14	1	Yes

ENCLOSED - SPLICER/DISTRIBUTION

AMPS	CATALOG #	MOUNTING STYLE	MAX SCCR	CONNECTOR MATERIAL	LINE SIDE		LOAD SIDE		FEEDER CIRCUIT COMPLIANT PER UL508
					WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/ POLE	WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/ POLE	
200	EPBAD45	DIN	100,000	AL	3/0 - #14	1 	#2 - #14	4 	Yes
200	EPBAP45	Panel	100,000	AL	3/0 - #14	1 	#2 - #14	4 	Yes
200	EPBCD45	DIN	100,000	CU	3/0 - #14	1 	#2 - #14	4 	Yes
200	EPBCP45	Panel	100,000	CU	3/0 - #14	1 	#2 - #14	4 	Yes
200	EPBAP48	Panel	100,000	AL	3/0 - #14	1 	#6 - #14 #2 - #14	8 	Yes
200	EPBAD48	DIN	100,000	AL	3/0 - #14	1 	#6 - #14 #2 - #14	8 	Yes
335	EPBAD74	DIN	10,000	AL	400 - #6/ 2/0 - #14	1/1 	#2 - #14	8 	--
335	EPBAP74	Panel	100,000	AL	400 - #6/ 3/0 - #14	1/1 	#2 - #14	8 	--
335	EPBCD74	DIN	10,000	CU	400 - #6/ 3/0 - #14	1/1 	#2 - #14	8 	--
335	EPBCP74	Panel	100,000	CU	400 - #6/ 3/0 - #14	1/1 	#2 - #14	8 	--
510	EPBAD71	DIN	10,000	AL	250 - #6	2 	250 - #6	2 	--
510	EPBAP71	Panel	100,000	AL	250 - #6	2 	250 - #6	2 	--
510	EPBCD71	DIN	10,000	CU	250 - #6	2 	250 - #6	2 	--
510	EPBCP71	Panel	100,000	CU	250 - #6	2 	250 - #6	2 	--
760	EPBAP81	Panel	100,000	AL	500 - #4	2 	500 - #4	2 	Yes
760	EPBAP84	Panel	100,000	AL	500 - #4	2 	2/0 - #14	8 	Yes
760	EPBCP84	Panel	100,000	CU	500 - #4	2 	2/0 - #14	8 	Yes
760	EPBAP86	Panel	100,000	AL	500 - #4	2 	#4 - #14	12 	Yes

SPLICER/DISTRIBUTION

ELECTRICAL:

60 to 2280 amps
 600 volts AC/DC (UL)
 High SCCRs (35 to 100kA) with fusing or circuit breakers
 Flexible stranded wire compliant
 Multiple wire ratings

STANDARDS:

UL 1953 listed - or - UL 1059 recognized
 • Listed file no. QPQS.E309401
 • Recognized file no. XCPR2.E62806
 CSA certified file no. LR19766 (CSA C22-2 No. 158)
 CE (Component IEC 60947-7-1)
 RoHS compliant (All)

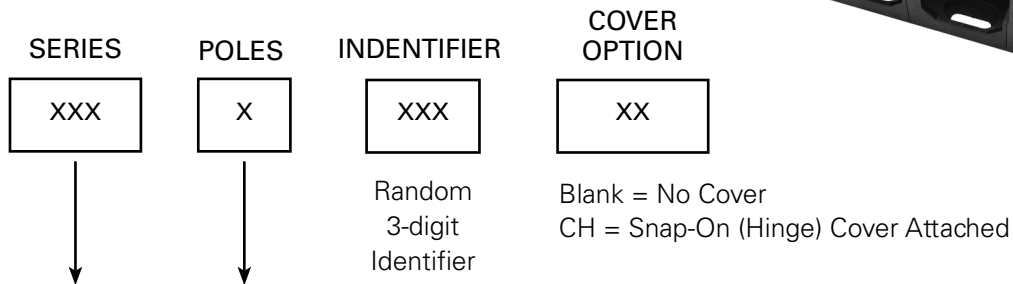
RESOURCES:

Detailed product data sheets links below:

- Material information
- Termination & mounting specifications
- Multiple wire rating specifications
- Detailed SCCR information
- Dimensional drawings
- Accessories available

[2D & 3D CAD Files](#)

ORDERING CODE:



SERIES	POLES (x)	DIMENSIONS (INCHES) 3-POLE			COVER TYPE AVAILABLE *
		WIDTH	LENGTH	HEIGHT	
132	0/1/2/3	2.54	3.00	2.42	SNAP-ON
133	1/2/3	5.36	4.00	3.33	SNAP-ON
134	1/2/3	5.64	5.00	3.92	SNAP-ON
135	1/2/3	10.08	5.73	4.77	SNAP-ON
141	1/2/3/4	2.12	2.29	1.62	SNAP-ON
145	1/2/3	8.54	5.5	3.13	SCREW-ON

*Covers can be found on Page 21



1413400



1333595CH

SPLICER/DISTRIBUTION

AMPS	CATALOG #	POLES (x)	CONN.	LINE SIDE		LOAD SIDE		FEEDER CIRCUIT COMPLIANT PER UL508
				WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/ POLE	WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/ POLE	
60	141x403	1/2/3/4	AL	#2 - #14	1 	#10 - #18	2 	--
115	141x300	1/2/3/4	AL	#2 - #14	1 	#2 - #14	1 	--
115	141x400	1/2/3/4	AL	#2 - #14	1 	#10 - #18	4 	--
175	132x572	0/1/2/3	AL	2/0 - #14	1 	2/0 - #14	1 	--
175	132x972	1/2/3	CU	2/0 - #14	1 	2/0 - #14	1 	--
175	132x570	0/1/2/3	AL	2/0 - #14	1 	#4 - #14	4 	--
175	132x580	0/1/2/3	AL	2/0 - #14	1 	#4 - #14	6 	--
175	132x970	0/1/2/3	CU	2/0 - #14	1 	#4 - #14	4 	--
175	134x580	1/2/3	AL	2/0 - #14	1 	#4 - #14	6 	Yes
200	134x570	1/2/3	AL	3/0 - #14	1 	#2 - #14	4 	Yes
200	134x572	1/2/3	AL	3/0 - #14	1 	3/0 - #14	1 	Yes
200	134x548	1/2/3	AL	3/0 - #14	1 	#6 - #14 #2 - #14	8 	Yes
310	134x582	1/2/3	AL	350 - #6	1 	350 - #6	1 	Yes
310	134x554	1/2/3	AL	350 - #6	1 	2/0 - #14	2 	Yes
310	133x324	1/2/3	AL	350 - #6	1 	#8 - #14	24 	--
335	134x553	1/2/3	AL	400 - #6	1 	#2 - #14	6 	Yes
350	134x305	1/2/3	AL	2/0 - #14	2 	2/0 - #14	2 	Yes

SPLICER/DISTRIBUTION

AMPS	CATALOG #	POLES (x)	CONN.	LINE SIDE		LOAD SIDE		FEEDER CIRCUIT COMPLIANT PER UL 508
				WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/ POLE	WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/ POLE	
350	134x555	1/2/3	AL	2/0 - #14	2 	#4 - #14	6 	Yes
350	134x955	1/2/3	CU	2/0 - #14	2 	#4 - #14	6 	Yes
380	134x953	1/2/3	CU	500 - #4	1 	#2 - #14	6 	Yes
380	133x587	1/2/3	AL	500 - #4	1 	#2 - #14 350 - #6	3/1 	--
380	145x552	1/2/3	AL	500 - #4	1 	#2 - #14	12 	--
420	134x360	1/2/3	AL	600 - #2	1 	600 - #2	1 	Yes
420	134x588	1/2/3	AL	600 - #2	1 	#2 - #14 1/0 - #14	6/3 	Yes
420	134x595	1/2/3	AL	600 - #2	1 	#4 - #14	12 	Yes
420	134x585	1/2/3	AL	600 - #2	1 	#2 - #14	8 	Yes
420	133x565	1/2/3	AL	600 - #2	1 	250 - #6	2 	--
420	134x516	1/2/3	AL	600-#2	1 	2/0-14	6 	Avail. Q1 2022
420	135x601	1/2/3	AL	600 - #2	1 	#6 - #14	24 	--
475	135x701	1/2/3	AL	750 - 1/0	1 	750 - 1/0	1 	Yes
510	134x596	1/2/3	AL	250 - #6	2 	#4 - #14	12 	Yes
510	134x597	1/2/3	AL	250 - #6	2 	#2 - #14	8 	Yes
510	133x598	1/2/3	AL	250 - #6	2 	2/0 - #14	4 	--
620	134x350	1/2/3	AL	350 - #4	2 	350 - #4	2 	Avail. Q1 2022
620	134x526	1/2/3	AL	350 - #4	2 	2/0-#14	6 	Avail. Q1 2022

SPLICER/DISTRIBUTION

AMPS	CATALOG #	POLES (x)	CONN.	LINE SIDE		LOAD SIDE		FEEDER CIRCUIT COMPLIANT PER UL 508
				WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/ POLE	WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/ POLE	
620	1331348	1	AL	350 - #4	2 	#8 - #14	48 	--
760	145x301	1/2/3	AL	500 - #4	2 	500 - #4	2 	--
760	145x592	1/2/3	AL	500 - #4	2 	#4 - #14	12 	--
760	145x586	1/2/3	AL	500 - #6	2 	2/0 - #14	8 	--
760	145x992	1/2/3	CU	500 - #4	2 	#2 - #14	12 	--
760	145x986	1/2/3	CU	500 - #4	2 	2/0 - #14	8 	--
760	145x408	1/2/3	AL	500 - #6	2 	#2 - #14	12 	--
840	145x411	1/2/3	AL	600 - #2	2 	3/0 - #6 #4 - #14	4/4 	--
950	135x605	1/2/3	AL	600 - #2	2 	350 - #6	4 	--
950	135x702	1/2/3	AL	750 - 1/0	2 	750 - 1/0	2 	Yes ¹
950	135x703	1/2/3	AL	750 - 1/0	2 	250 - #6	6 	Yes ¹
950	135x704	1/2/3	AL	750 - 1/0	2 	2/0 - #14	10 	Yes ¹
950	135x705	1/2/3	AL	750 - 1/0	2 	#2 - #14 250 - #6	12/3 	Yes ¹
950	135x706	1/2/3	AL	750 - 1/0	2 	#2 - #14 250 - #6	4/5 	Yes ¹
950	135x707	1/2/3	AL	750 - 1/0	2 	#2 - #14 3/0 - #6	12/4 	Yes ¹
950	135x708	1/2/3	AL	750 - 1/0	2 	3/0 - #6	8 	Yes ¹
2280	1453401 ²	1	AL	500 - #4	6 	2/0 - #14	18 	--

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

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

STUD CONFIGURATIONS

ELECTRICAL:

115 to 1680 amps
600 v to 1500 volts AC/DC (UL)
Flexible stranded wire compliant
Multiple wire ratings

STANDARDS:

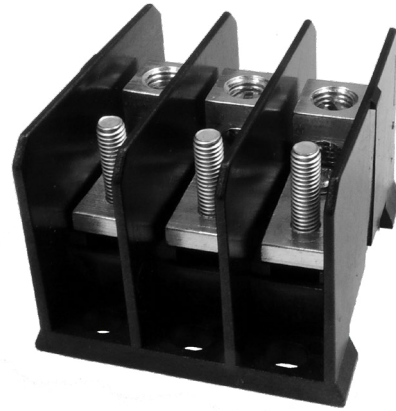
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RESOURCES:

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- Material information
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- Multiple wire rating specifications
- Detailed SCCR information
- Dimensional drawings
- Accessories available

[2D & 3D CAD Files](#)



1413203



SERIES INFORMATION:

SERIES	POLES Available	COVER TYPE AVAILABLE
132	0/1/2/3	SNAP-ON
133	1/2/3	SNAP-ON
135	1/2/3	SNAP-ON
141	1/2/3/4	SCREW-ON
145	1/2/3	SCREW-ON
BFPB	1	SCREW-ON
HVPB	1 (Modular)	SNAP-ON

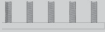
STUD CONFIGURATIONS

AMPS	CATALOG #	POLES (x)	CONN.	LINE SIDE		LOAD SIDE	
				WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/ POLE	WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/ POLE
115	141x203	1/2/3/4	AL	#2 - #14	1 	#10-32 X .60	1 
175	132x574	0/1/2/3	AL	2/0 - #14	1 	1/4-20 x .50	1 
175	132x474	0/1/2/3	AL	2/0 - #14	1 	M6 X 13	1 
200	132x122	0/1/2/3	CU	1/4-20 X .56	1 	1/4-20 X .56	1 
200	132x422	0/1/2/3	CU	M6 X 15	1 	M6 X 15	1 
310	133x564	1/2/3	CU	M10 x 30	1 	M10 x 30	1 
310	133x563	1/2/3	CU	3/8-16 x 1.18	1 	3/8-16 x 1.18	1 
310	133x559	1/2/3	AL	350 - #6	1 	3/8-16 x 1.25	1 
310	133x558	1/2/3	AL	350 - #6	1 	M10 x 30	1 
350	HVPB105	1	AL	Stud, M10	1 	#10 - #14 ^(a)	24 
360	145x573	1/2/3	CU	3/8-16 x 1.44	1 	3/8-16 x 1.44	2 
360	145x583	1/2/3	CU	3/8-16 x 1.44	1 	1/4-20 x 1.44	2 
410	145x606	1/2/3	CU	1/2-13 x 1.44	1 	1/2-13 x 1.44	1 
430	HVPB101	1	AL	Stud, M10	1 	#6 - #14 ^(b)	12 
430	HVPB103	1	AL	Stud, M10	1 	#4 - #14 ^(c)	8 
430	HVPB107	1	CU	Stud, M10	1 	Stud, M10	1 
475	145x613	1/2/3	CU	3/8-16 x 1.44	2 	3/8-16 x 1.44	1 
510	133x272	1/2/3	AL	3/8-16 x 1.19	1 	4 - #14	12 

STUD CONFIGURATIONS

AMPS	CATALOG #	POLES (x)	CONN.	LINE SIDE		LOAD SIDE	
				WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/ POLE	WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/ POLE
510	133x280	1/2/3	AL	3/8-16 x 1.19	1	#2 - #14	8
510	133x270	1/2/3	AL	3/8-16 x 1.19	1	2/0 - #14	4
750	HVPB112	1	CU	Stud, 3/8	1	Stud, 3/8	1
750	HVPB114	1	CU	Stud, 1/2	1	Stud, 1/2	1
760	145x282	1/2/3	AL	3/8-16 x 1.00	2	2/0 - #14	8
760	145x599	1/2/3	AL	500 - #4	2	3/8-16 x 1.31	2
760	145x610	1/2/3	AL	500 - #4	2	1/2-13 x 1.31	1
860	HVPB201	1	AL	Stud, M10	1	#6 - #14 ^(b)	24
860	HVPB203	1	AL	Stud, M10	2	#6 - #14 ^(b)	24
1500	HVPB212	1	CU	Stud, 3/8	2	Stud, 3/8	2
1500	HVPB214	1	CU	Stud, 1/2	2	Stud, 1/2	2
1605	BFPB-37-1-3	1	CU	3/8-16 x 1.80	3	3/8-16 x 1.80	3
1605	BFPB-37-1-4	1	CU	3/8-16 x 1.80	4	3/8-16 x 1.80	4
1605	BFPB-37-1-5	1	CU	3/8-16 x 1.80	5	3/8-16 x 1.80	5
1605	BFPB-37-1-6	1	CU	3/8-16 x 1.80	6	3/8-16 x 1.80	6
1605	BFPB-50-2-2	1	CU	1/2-13 x 2.00	2	1/2-13 x 2.00	2
1605	BFPB-50-2-3	1	CU	1/2-13 x 2.00	3	1/2-13 x 2.00	3
1605	BFPB-50-2-4	1	CU	1/2-13 x 2.00	4	1/2-13 x 2.00	4

STUD CONFIGURATIONS

AMPS	CATALOG #	POLES (x)	CONN.	LINE SIDE		LOAD SIDE	
				WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/POLE	WIRE RANGE AWG/kcmil	CONNECTOR OPENINGS/ POLE
1605	BFPB-50-2-5	1	CU	1/2-13 x 2.00	5 	1/2-13 x 2.00	5 
1605	BFPB-50-2-6	1	CU	1/2-13 x 2.00	6 	1/2-13 x 2.00	6 
1680	145x615	1/2/3	AL	600 - #4	4 	1/2-13 x 1.56	1 

(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

COVERS

SERIES	TYPE	CATALOG # (replace x with # of poles)	POLES (x)	FIGURE #
132	SNAP-ON	CH132x	1/2/3	3
133	SNAP-ON	CH133x	1/2/3	3
134	SNAP-ON	CH1343	3	4
135	SNAP-ON	CH1351	1	5
141	SNAP-ON	CC141x	1/2/3/4	2
145	SCREW-ON	CC145x	1/2/3	1
HVPB1	SNAP-ON	CH1331	1	5
HVPB2	SNAP-ON	CH1332	1	5
BFPB	SCREW-ON	CCBFPBXX	1	6

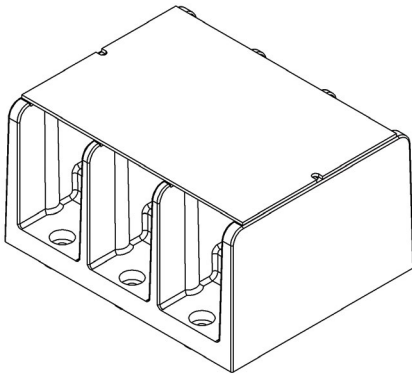


FIGURE 1

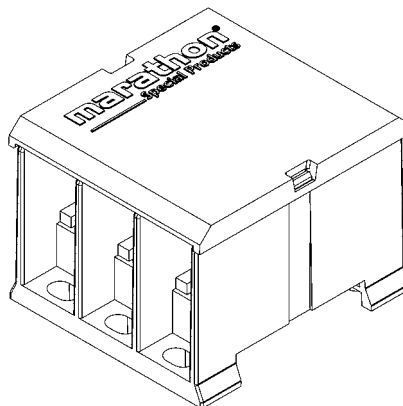


FIGURE 2

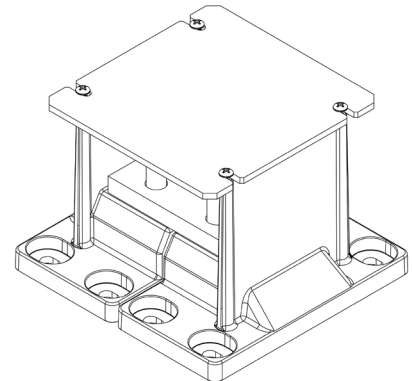


FIGURE 3

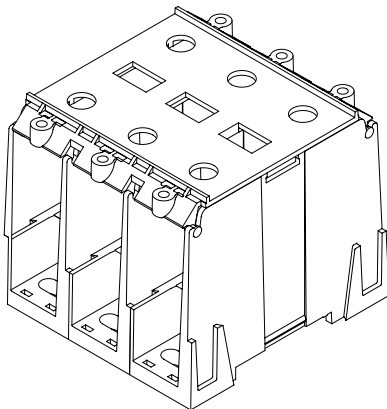


FIGURE 4

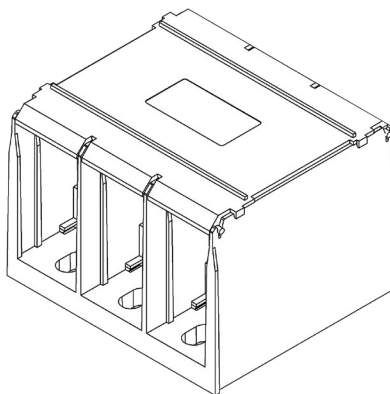


FIGURE 5

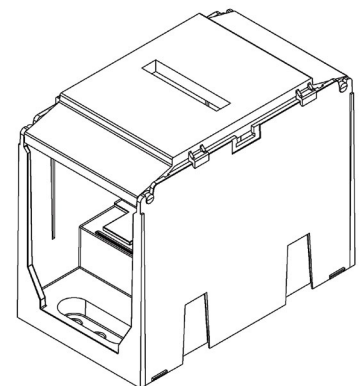
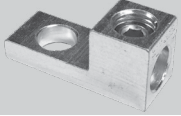
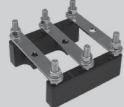


FIGURE 6

TERMINAL BLOCK TYPES

TERMINAL BLOCK TYPE	PAGE #	DESCRIPTION	IMAGE
Deadfront	28	These rugged terminal blocks provide protection from direct contact with live terminals.	
Barrier	30	These robust style of terminal strips are commonly used in utility panels to aide in the control of power generation and transmission equipment.	
Double Row	31	Barrier terminal strips are the most cost effective means of junctioning wires in lower power applications. Various hardware accessories are available to meet circuit requirements.	
Single Row	33	These terminals are intended for junctioning wires at a single point by means of a bare wire, prepared wire or hardware (quick-connects).	
DIN Sectionals	37	DIN sectionals provide a compact semi-touch proof construction for a range of wire sizes. These provide end-users the ability to construct terminals to various line lengths per application.	
NEMA® Sectionals	39	NEMA sectionals have an open barrier appearance and style in a sectional construction to provide end-users the ability to construct terminals to various line lengths per application.	
Grounding Lugs & Connectors	27	These wiring components are intended to be used for grounding in electrical systems.	
Military / Navy	Online	These terminal blocks are constructed to meet the requirements of Military Specifications A-A-59125 & MIL-T-55164-C, and are only to be used in applications requiring compliance with these specifications.	
Studded Feed-Thru	Online	Feed-thru terminal blocks are commonly used in telecom panel power distribution units (PDU's) and other applications where external power needs to be transferred to feed a circuit.	
Single Stud Connection	Online	Single stud terminals simply provide a single junction point to connect two or more ring type terminals.	
Motor Blocks	Online	Motor terminal blocks are specifically intended to be used with electric motor junction boxes to provide delta or wye wiring configurations.	

Website Resources:

Dimensional drawings & 3D CAD files
 Termination and mounting specifications
 Detailed product/series datasheets
 Check distributor stock
 Request samples

GROUNDING LUGS & CONNECTORS

ELECTRICAL:

See table

STANDARDS:

UL recognized file no. ZMVV2.E43665 (excludes KT375)
 Supplemental UL Certification: Grounding and bonding equipment (KDER)
 CSA certified file no. 63510-25
 Green screwhead for ID (GLxx's only)
 RoHS compliant (all)

WEBSITE RESOURCES:

Detailed product data sheets

- Material information
- Termination & mounting specifications

Dimensional drawings & 3D CAD files

Accessories available

CATALOG #	WIRE RANGE AWG/kcmil	MOUNTING HOLE DIAMETER
GL02* (9807052)	#2 - #3	.27
	#4 - #6	.27
	#8	.27
	#10 - #14	.27

*For hex drive screw, catalog number is GL02IH

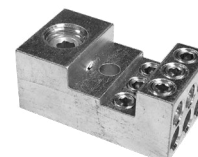
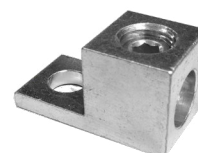
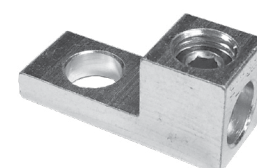
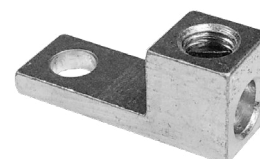
CATALOG #	WIRE RANGE AWG/kcmil	MOUNTING HOLE DIAMETER
GL20 (9818102)	2/0 - #6	.41
	#8	.41
	#10 - #14	.41

CATALOG #	WIRE RANGE AWG/kcmil	MOUNTING HOLE DIAMETER
GL35 (9819830)	350 kcmil - #6	.53

CATALOG #	WIRE RANGE AWG/kcmil	MOUNTING HOLE DIAMETER
WC12044 (9740701)	(1) 2/0 - #14 (4) #4 - #14	.21

CATALOG #	WIRE RANGE AWG/kcmil	MOUNTING HOLE DIAMETER
WC12064 (9797110)	(1) 2/0 - #14 (6) #4 - #14	.21

CATALOG #	WIRE RANGE AWG/kcmil	MOUNTING HOLE DIAMETER
KT375	1/4" Quick-connect	.13



0987 RZ, 985 GP & 885 RZ SERIES

ELECTRICAL:

Amps - see table
 600 volts AC/DC
 Short circuit current rating (SCCR) of 10K

STANDARDS:

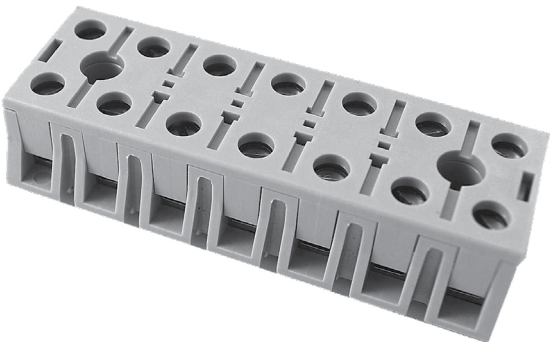
UL 1059 recognized file no. XCFR2.E62806
 CSA certified file no. LR19766 (CSA C22-2 No. 158)
 CE (Component IEC 60947-7-1)
 IP20 touch proof (0987 only)
 RoHS compliant (All)

WEBSITE RESOURCES:

Detailed product data sheets

- Material information
- Termination & mounting specifications
- Multiple wire rating specifications

Dimensional drawings & 3D CAD files
 Accessories available



0987 RZ TC 07



885 RZ 12

AMPS	CATALOG #	POLES (xx)	WIRE RANGE	INSULATOR BASE	CENTERLINE SPACING
50	0987 RZ TC xx	02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12	#8 - 24	Thermoplastic, 125°C (UL RTI)	.475"
85	885 RZ xx	01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12	#4 - 18	Thermoplastic, 130°C (UL RTI)	.432"

1500 SERIES

ELECTRICAL:

Amps

- 75 w/ prepared wire
- 30 w/ bare wire

600 volts AC/DC

Bare wire range #10 - 22 AWG CU

Accepts lugs with max width of .50 inches

Short circuit current rating (SCCR) of 10K

STANDARDS:

UL 1059 recognized file no. XCFR2.E62806

CSA certified file no. LR19766 (CSA C22-2 No. 158)

CE (Component IEC 60947-7-1)

RoHS compliant (All)

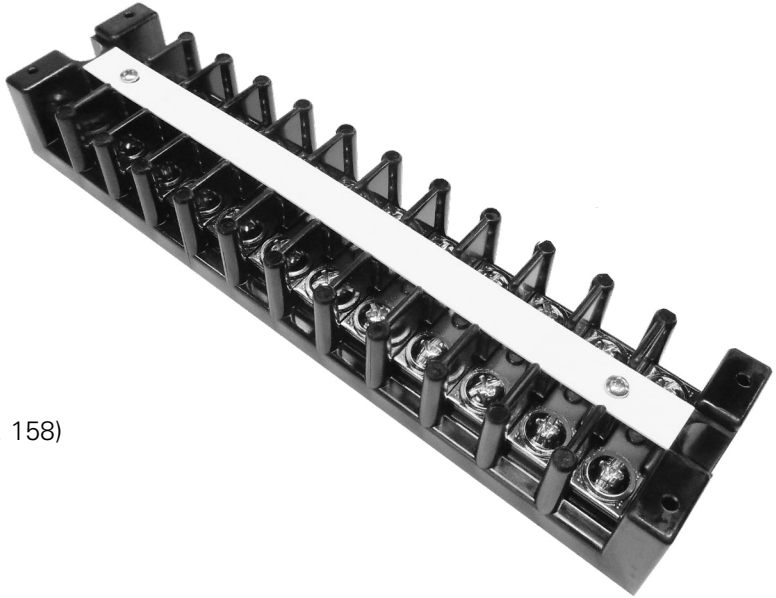
WEBSITE RESOURCES:

Detailed product data sheets

- Material information
- Termination & mounting specifications
- Multiple wire rating specifications

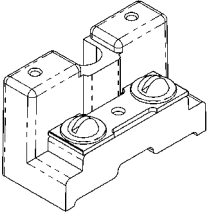
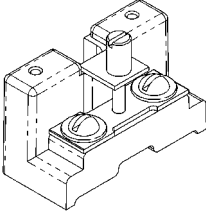
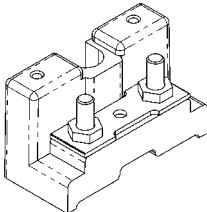
Dimensional drawings & 3D CAD files

Accessories available



SERIES	BASE CATALOG #	POLES (xx)	INSULATOR BASE	PITCH (POLE TO POLE SPACING)	CLEAR COVER	WHITE COVER
1500	15xx	02, 04, 06, 08, 12	Phenolic (150°C UL RTI)	0.625	CC 15xx	CW 15xx

SERIES CONFIGURATION OPTIONS

STD	SC	STRC ¹
1500 1600 1700	1500 1600 1700	1500 1600
		
Standard Connector	Short Circuiting Bar with Brass Insert, 4 Shorting Pins per Block	10-32 Stud, Terminals

¹Stud construction with a removable connector is available as option "ST".

DOUBLE ROW TERMINAL BLOCKS

DOUBLE ROW TERMINAL BLOCKS come in three basic options dependent on base material and style:

- **CLOSED BACK, THERMOPLASTIC** - the ideal option for standard configurations. Generally, these are the most cost effective and are more robust than any other style.
- **CLOSED BACK, PHENOLIC** - this is the second best option for standard configurations where temperature ratings are between 125° C and 150° C.
- **OPEN BACK, PHENOLIC** - should be used only for feed-thru hardware options, and requires an additional insulator strip in order to attain the noted voltage rating.

ELECTRICAL:

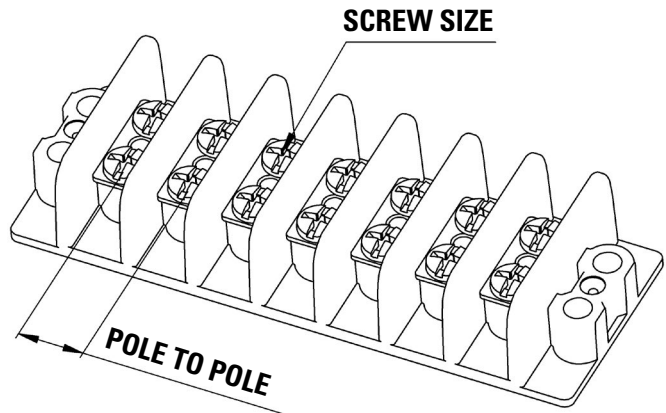
Amps & volts - see table

STANDARDS:

UL recognized file no. XCFR2.E62806 or E47811
CSA certified file no. LR19766 (CSA C22-2 No. 158)
CE (Component IEC 60947-7-1)
RoHS compliant (All)

WEBSITE RESOURCES:

Dimensional drawings & 3D CAD files
Termination and mounting specifications
Detailed product/series data sheets
Hardware options per series

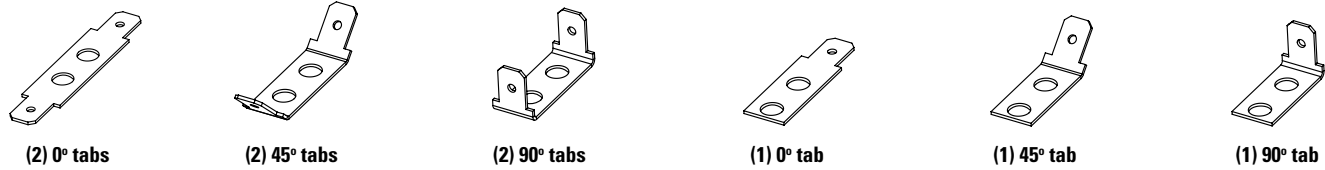


SERIES	AMPS	VOLTAGE CLASS B/C	BARE WIRE RANGE	MAX LUG WIDTH	SCREW SIZE	INCHES L TO L	POLES (xx)	WIDTH (INCHES)	HEIGHT (INCHES)	BASE MATERIAL	STYLE
670A RZ	20	300/150	#12-22	0.31	#6-32	0.375	1-30	0.87	0.48	Thermoplastic	Closed Back
621 RZ	30	600/600	#12-22	0.33	#6-32	0.437	1-30	1.38	0.75	Thermoplastic	Closed Back
671 RZ	30	300/150	#14-22	0.33	#6-32	0.437	1-30	1.13	0.53	Thermoplastic	Closed Back
672 RZ	30	600/600	#12-14	0.41	#8-32	0.562	1-24	1.31	0.71	Thermoplastic	Closed Back
400	30	NA/600	#10-22	0.47	#10-32	0.687	1-12	1.81	0.75	Phenolic	Closed Back
600	15	300/300	#14-22	0.30	#5-40	0.375	1-22	0.87	0.41	Phenolic	Open Back
600A	15	300/300	#12-22	0.30	#6-32	0.375	1-22	0.87	0.41	Phenolic	Open Back
601	20	300/300	#12-22	0.34	#6-32	0.437	1-23	1.13	0.50	Phenolic	Open Back
801	20	NA/150	#10	RIVET	#6-32	0.437	1-23	1.13	0.50	Phenolic	Open Back
602	30	300/300	#10-18	0.44	#8-32	0.562	1-26	1.32	0.64	Phenolic	Open Back
802	30	NA/150	#10	RIVET	#8-32	0.562	1-26	1.32	0.64	Phenolic	Open Back
603	50	600/600	#10-16	0.47	#10-32	0.687	1-12	1.81	0.75	Phenolic	Open Back
604	70	600/600	#10-14	0.58	#12-32	0.875	1-8	2.00	0.94	Phenolic	Open Back
605	90	600/600	#10-14	0.67	1/4-28	1.125	1-6	2.48	1.13	Phenolic	Open Back

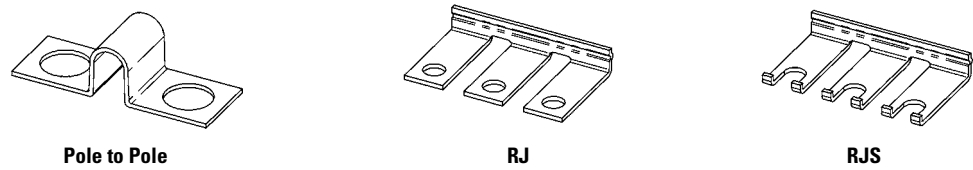
DOUBLE ROW ACCESSORIES

DOUBLE ROW HARDWARE GENERAL OPTIONS - see on-line product page for details and compatibility with each terminal block series.

QUICK CONNECT (KT) OPTIONS:



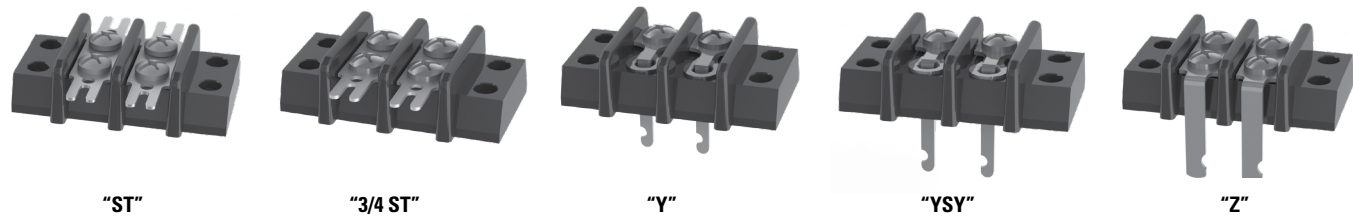
JUMPERS:



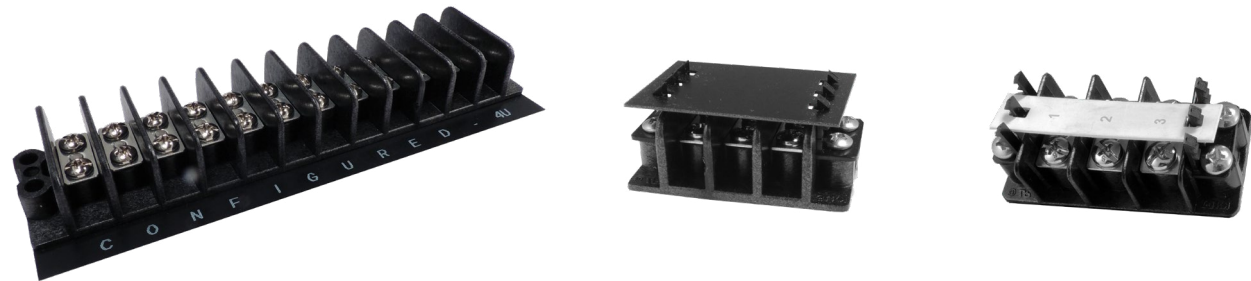
SCREW & STUD OPTIONS:



SOLDER COMPONENTS - FEED-THRU AND OVER THE SIDE:



COVERS & MARKING STRIPS:



SINGLE ROW TERMINAL BLOCKS

SINGLE ROW TERMINAL BLOCKS all consist of our classic open back, phenolic design that requires an additional insulator strip in order to achieve the noted voltage rating.

ELECTRICAL:

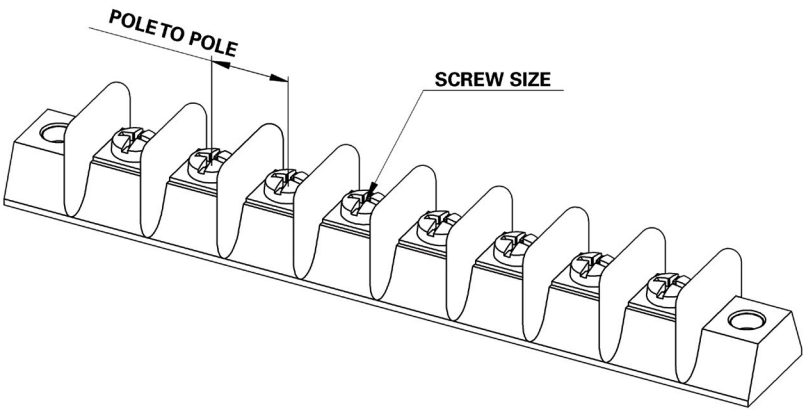
Amps & volts - see table

STANDARDS:

- UL recognized file no. XCFR2.E47811
- CSA certified file no. LR19766
- CE compliant (IEC 60947-7-1)
- RoHS compliant

WEBSITE RESOURCES:

- Dimensional drawings & 3D CAD files
- Termination and mounting specificatio
- Detailed product/series data sheets
- Hardware options per series

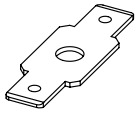


SERIES	AMPS	VOLTAGE CLASS B/C	BARE WIRE RANGE	MAX LUG WIDTH	SCREW SIZE	INCHES L TO L	# OF LINES	WIDTH (INCHES)	HEIGHT (INCHES)	BASE MATERIAL	STYLE
599	15	300/150	#16-22	0.30	#5-40	0.375	1-30	0.56	0.41	Phenolic	Open Back
799	15	NA/150	#14	RIVET	#5-40	0.375	1-30	0.56	0.41	Phenolic	Open Back
699	20	300/150	#14-20	0.33	#6-32	0.437	1-23	0.69	0.50	Phenolic	Open Back
899	20	NA/150	#14	RIVET	#6-32	0.437	1-23	0.69	0.50	Phenolic	Open Back
812	30	600/600	#12-14	0.41	#8-32	0.562	1-18	0.75	0.72	Phenolic	Open Back
912	30	NA/300	#10	RIVET	#8-32	0.562	1-18	0.75	0.72	Phenolic	Open Back

SINGLE ROW ACCESSORIES

SINGLE ROW HARDWARE GENERAL OPTIONS - see on-line product page for details and compatibility with each terminal block series.

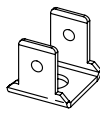
QUICK CONNECT (KT) OPTIONS:



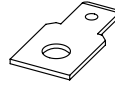
(2) 0° tabs



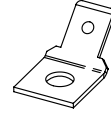
(2) 45° tabs



(2) 90° tabs



(1) 0° tab

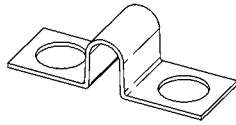


(1) 45° tab

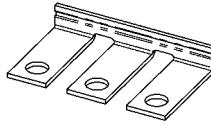


(1) 90° tab

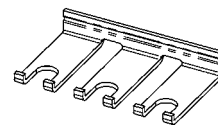
JUMPERS:



Pole to Pole



RJ



RJS

SCREW & STUD OPTIONS:



Standard or "PSB"



Stud Options

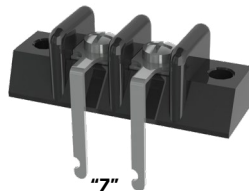
SOLDER COMPONENTS - FEED-THRU AND OVER THE SIDE:



"ST"



"3/4 ST"



"Z"

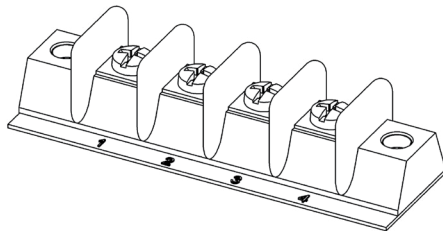


"1921"



"2204"

MARKING STRIPS:



SECTIONAL TERMINAL BLOCKS

DIN (EURO-STYLE) SECTIONAL TERMINAL BLOCKS

ELECTRICAL:

Insulating material:

- Nylon- 6/6, grey
- UL 94V-2 flammability rating
- 100° C / 212° F continuous, 170° C / 338° F intermittent & short exposure

Connector - copper, nickel plated

Screws - steel, zinc plated

Integrated pressure plate to avoid wire damage

For identification labels - see page 42

STANDARDS:

UL recognized file no. XCFR2.E62806

CSA certified file no. LR700930

VDE

CE compliant

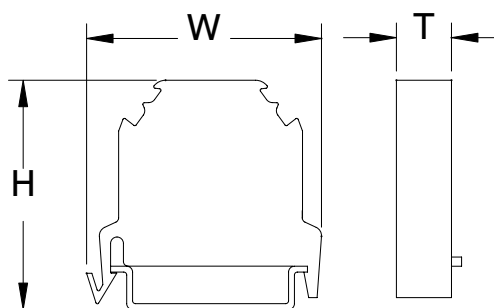
RoHS compliant

CATALOG #	WIRE RANGE	AMPS			VOLTS	DIMENSIONS (MM)			TERMINALS PER FOOT	TERMINAL TORQUE	DESCRIPTION
		UL	CSA	VDE		T	W	H			
MIK3	#12-#22 AWG	20	25	26	600	5	42	36	60	5	Terminal
MIK5	#10-#22 AWG	30	25	24	600	6	42	38	50	9 - 13.3	Terminal
MIK10	#8-#22 AWG	50	50	61	600	8	42	44	38	9.8	Terminal
MIK16	#6-#22 AWG	65	68	82	600	10	42	44	30	18	Terminal
MIK25	#4-#8 AWG	85	70	108	600	12	50	48	25	27	Terminal
MIKTS4	#12-#22 AWG	20	20	16	300	6	42	53	50	-	Disconnect
MIKSI5	#10-#20 AWG	10	-	6	300	8	60	47	38	-	Fused Terminal ¹
MIKE4	#10-#22 AWG	-	-	-	-	7	56	38	-	8.0	Grounding Lug ²
MIKE10	#8 AWG	-	-	-	-	8	56	44	-	13.3	Grounding Lug ²
MIKE16	#6 AWG	-	-	-	-	10	56	44	-	18	Grounding Lug ²

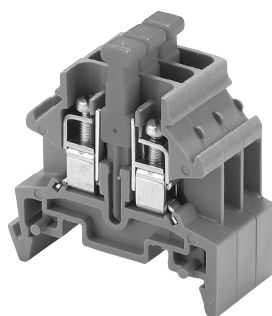
¹ UL File No. E35113, For Fuse Type - 5x20 or 5x25 mm

² Grounding Lugs are Green/Yellow Nylon

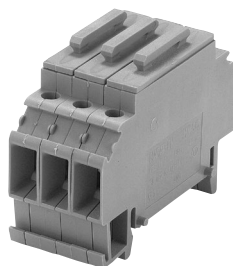
Dimensions:
H = Height
W = Width
T = Thickness



Terminal
(MIK5)



Disconnect Terminal
(MIKTS4)



Fused Terminal
(MIKSI5)



Grounding Lug
(MIKE10)

SECTIONAL TERMINAL BLOCKS

3/8" SECTIONAL CHANNEL (C), FLAT (F), & DIN MOUNT

ELECTRICAL:

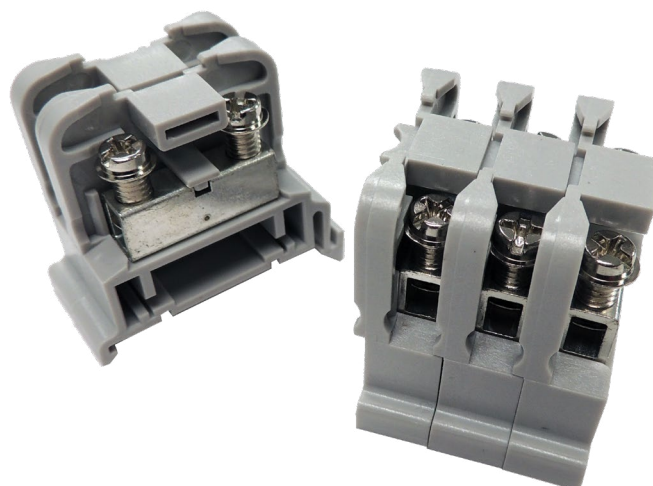
See table

STANDARDS:

UL recognized file no. XCFR2.E62806 or E47811
CSA certified file no. LR19766 (CSA C22-2 No. 158)
CE (Component IEC 60947-7-1)
RoHS compliant (All)

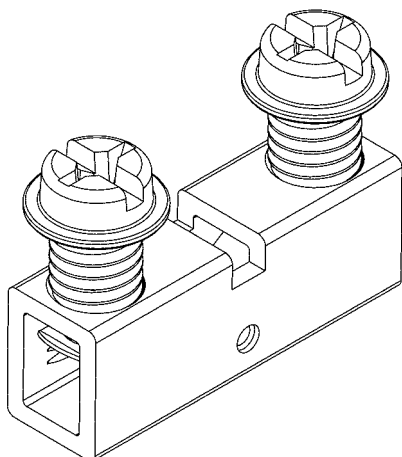
WEBSITE RESOURCES:

Dimensional drawings & 3D CAD files
Termination and mounting specifications
Detailed product/series data sheets



6G38 TSKK DIN

6G38 TS - TUBULAR SCREW CONNECTOR



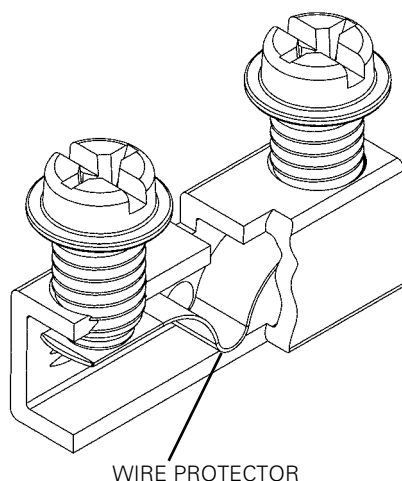
ELECTRICAL AND WIRE RANGE INFO:

50 amps (40 amps CSA)
32 circuits per foot
Single and multiple wire combinations:

Stranded CU	Solid CU
(1) #8 - #18 AWG	(1) #10 - #16 AWG
(1-3) #12 AWG	(1-3) #12 AWG
(1-4) #14 AWG	(1-4) #14 or #16 AWG

CATALOG #	DESCRIPTION	STD PK
6G38 TS F	Flat mount block	100
6G38 TS C	Channel mount block	100
6G38 TS DIN	DIN mount block	25

6G38 TSKK - TS WITH WIRE PROTECTOR CONNECTOR



ELECTRICAL AND WIRE RANGE INFO:

40 amps
32 circuits per foot
Single and multiple wire combinations:

Stranded CU	Solid CU
(1) #10 - #22 AWG	(1) #10 - #14 AWG
(1-2) #12 AWG	(1-2) #12 or #14 AWG
(1-3) #14 AWG	
(1-4) #16 AWG	
(1-5) #18 or #22 AWG	

CATALOG #	DESCRIPTION	STD PK
6G38 TSKK F	Flat mount block	100
6G38 TSKK C	Channel mount block	100
6G38 TSKK DIN	DIN mount block	25

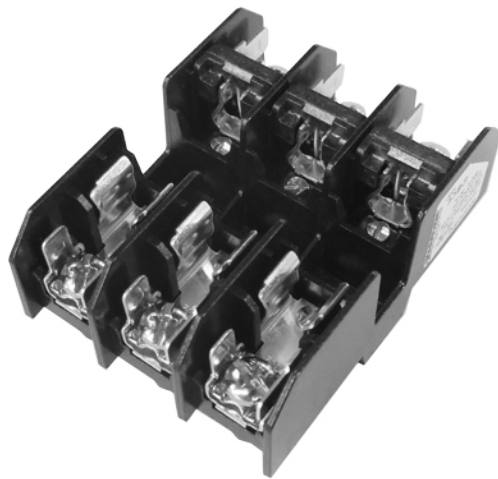
FUSED DISCONNECT SWITCH



FUSED DISTRIBUTION BLOCK



FUSED HOLDERS/BLOCKS



RESOURCES:

Detailed product page links below:

- Material information
- Termination & mounting specifications
- Multiple wire rating specifications
- Detailed SCCR information
- Dimensional drawings
- Accessories available

[2D & 3D CAD Files](#)

CLASS	STYLES	APPLICATIONS	AMP/VOLT RANGE	WITHSTAND/SCCR
CC Class	Barrier Enclosed	For branch and small motor protection where high current limitation is required.	30-60 A 600 V	200,000
Fused Disconnect Switch	Disconnect	UL98 load breaking disconnect switch.	30 A 120-600 V	200,000
Fused Distribution Block	Barrier	For use in Feeder circuits where (class-J) over-current protection is required as well as power distribution in the same device.	200A 600V	200,000
General Purpose (Semi-Cond.)	Stud, Stud / Terminal	Recognized holders for fuses with bolt down mounting such as semi-conductor, high-speed or industrial types (Classes J, T & L).	100-1200 A 1000 V	See Data Sheets
H-Class	Barrier Panel-Board	For protection where frequent outages are common and there are low levels of available fault current.	30-600 A 250-600 V	10,000
J Class	Barrier, Open Enclosed	For maximum protection of motors, controllers or panels.	30-600 A 250-600 V	200000
Midget (10x38)	See Website	For branch circuits in more general applications where current limitation requirements are lower.	30-60 A 600V	See Data Sheets
Photovoltaic	Enclosed	For protection in solar power generation systems.	Up to 30A 1000 V	30000
R Class	Barrier	For higher levels of protection at the same size of the H Class, where higher levels of fault current potential exist.	30-600 A 250-600 V	200000
T Class	Barrier, Open	For a high degree of protection in situations where space is limited.	30-800 A 300-600V	200000
Accessories	Covers, DIN Rail Adapters	H, R, J, CC & M styles.	N/A	N/A



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Fax: 419-352-0875
Technical Service: 419-373-4213

www.marathonsp.com

APPLICATION CONSIDERATIONS

The proper selection and application of power transmission products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and/or its affiliates ("Regal") with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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