

Warehouse Stock / Unassembled

Main Breaker Mounting Kits with Breakers for P1 Panels (250A and lower can be used as subfeed kits also)

Original P1 Catalog Number	Revised P1 Catalog Number (Q/QR type listed where applicable)	Description	Ratings	
			240V	480V
MBKED3100	MBKED3100A	Kit w/3-pole ED4 100A breaker	65kA / —	18kA
MBKED3125	MBKED3125A	Kit w/3-pole ED4 125A breaker	65kA / —	18kA
MBKQJ1125 / MBKQR1125	MBKQJ1125A / MBKQR1125A	Kit w/2-pole QJ2/QR2 125A breaker	10kA / 10kA	—
MBKQJ1150 / MBKQR1150	MBKQJ1150A / MBKQR1150A	Kit w/2-pole QJ2/QR2 150A breaker	10kA / 10kA	—
MBKQJ1175 / MBKQR1175	MBKQJ1175A / MBKQR1175A	Kit w/2-pole QJ2/QR2 175A breaker	10kA / 10kA	—
MBKQJ1200 / MBKQR1200	MBKQJ1200A / MBKQR1200A	Kit w/2-pole QJ2/QR2 200A breaker	10kA / 10kA	—
MBKQJ1225 / MBKQR1225	MBKQJ1225A / MBKQR1225A	Kit w/2-pole QJ2/QR2 225A breaker	10kA / 10kA	—
MBKQJ3125 / MBKQR3125	MBKQJ3125A / MBKQR3125A	Kit w/3-pole QJ2/QR2 125A breaker	10kA / 10kA	—
MBKQJ3150 / MBKQR3150	MBKQJ3150A / MBKQR3150A	Kit w/3-pole QJ2/QR2 150A breaker	10kA / 10kA	—
MBKQJ3175 / MBKQR3175	MBKQJ3175A / MBKQR3175A	Kit w/3-pole QJ2/QR2 175A breaker	10kA / 10kA	—
MBKQJ3200 / MBKQR3200	MBKQJ3200A / MBKQR3200A	Kit w/3-pole QJ2/QR2 200A breaker	10kA / 10kA	—
MBKQJ3225 / MBKQR3225	MBKQJ3225A / MBKQR3225A	Kit w/3-pole QJ2/QR2 225A breaker	10kA / 10kA	—
MBKQJ1125H / MBKQR1125H	MBKQJ1125HA / MBKQR1125HA	Kit w/2-pole QJ2H/HQR2 125A breaker	42kA / 65kA	—
MBKQJ1150H / MBKQR1150H	MBKQJ1150HA / MBKQR1150HA	Kit w/2-pole QJ2H/HQR2 150A breaker	42kA / 65kA	—
MBKQJ1175H / MBKQR1175H	MBKQJ1175HA / MBKQR1175HA	Kit w/2-pole QJ2H/HQR2 175A breaker	42kA / 65kA	—
MBKQJ1200H / MBKQR1200H	MBKQJ1200HA / MBKQR1200HA	Kit w/2-pole QJ2H/HQR2 200A breaker	42kA / 65kA	—
MBKQJ1225H / MBKQR1225H	MBKQJ1225HA / MBKQR1225HA	Kit w/2-pole QJ2H/HQR2 225A breaker	42kA / 65kA	—
MBKQJ3125H / MBKQR3125H	MBKQJ3125HA / MBKQR3125HA	Kit w/3-pole QJ2H/HQR2 125A breaker	42kA / 65kA	—
MBKQJ3150H / MBKQR3150H	MBKQJ3150HA / MBKQR3150HA	Kit w/3-pole QJ2H/HQR2 150A breaker	42kA / 65kA	—
MBKQJ3175H / MBKQR3175H	MBKQJ3175HA / MBKQR3175HA	Kit w/3-pole QJ2H/HQR2 175A breaker	42kA / 65kA	—
MBKQJ3200H / MBKQR3200H	MBKQJ3200HA / MBKQR3200HA	Kit w/3-pole QJ2H/HQR2 200A breaker	42kA / 65kA	—
MBKQJ3225H / MBKQR3225H	MBKQJ3225HA / MBKQR3225HA	Kit w/3-pole QJ2H/HQR2 225A breaker	42kA / 65kA	—
MBKFD3150	MBKFD3150A	Kit w/3-pole FXD6 150A breaker	65kA / —	35kA
MBKFD3175	MBKFD3175A	Kit w/3-pole FXD6 175A breaker	65kA / —	35kA
MBKFD3200	MBKFD3200A	Kit w/3-pole FXD6 200A breaker	65kA / —	35kA
MBKFD3225	MBKFD3225A	Kit w/3-pole FXD6 225A breaker	65kA / —	35kA
MBKFD3250	MBKFD3250A	Kit w/3-pole FXD6 250A breaker	65kA / —	35kA
MBKJD1300 ^①	MBKJD1300A ^①	Kit w/2-pole JXD6 300A breaker	65kA / —	35kA
MBKJD3300 ^①	MBKJD3300A ^①	Kit w/3-pole JXD6 300A breaker	65kA / —	35kA
MBKJD1400 ^①	MBKJD1400A ^①	Kit w/2-pole JXD6 400A breaker	65kA / —	35kA
MBKJD3400 ^①	MBKJD3400A ^①	Kit w/3-pole JXD6 400A breaker	65kA / —	35kA
MBKJD12300 ^①	MBKJD12300A ^①	Kit w/2-pole JXD2 300A breaker	65kA / —	—
MBKJD32300 ^①	MBKJD32300A ^①	Kit w/3-pole JXD2 300A breaker	65kA / —	—
MBKJD12400 ^①	MBKJD12400A ^①	Kit w/2-pole JXD2 400A breaker	65kA / —	—
MBKJD32400 ^①	MBKJD32400A ^①	Kit w/3-pole JXD2 400A breaker	65kA / —	—

① Kits are for Main only. New "Revised P1" kits can be used for either top feed or bottom feed.

NOTES: Although QR is rated 250A, limited to 225A in panelboard applications.
"Revised P1" Kits above only work for interior numbers ending in "T" or "N". Use "Original P1" kits for all others.

Catalog Numbering System

Unassembled Panelboards

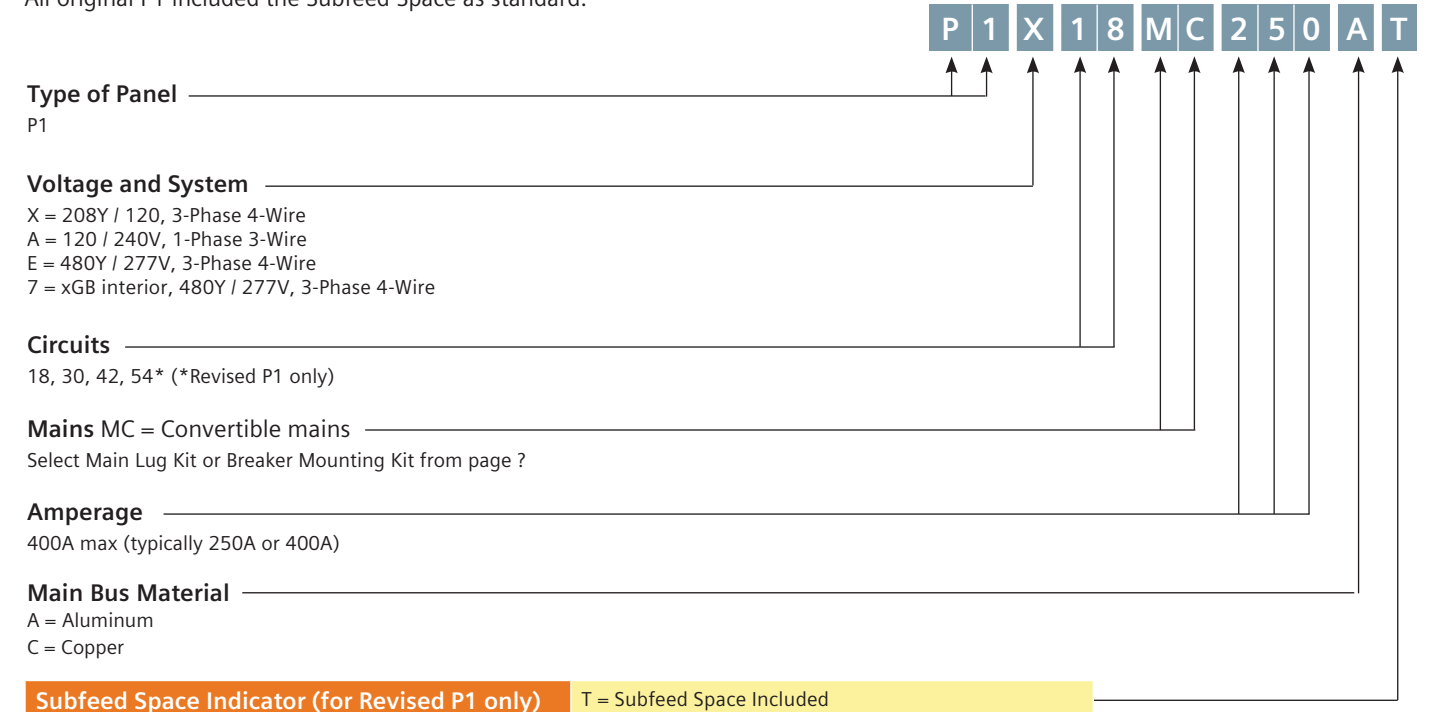
Type P1 unassembled panelboards are completely convertible from main lug to main breaker and vice-versa. Additionally feed-thru lugs, or subfeed circuit breakers up to 400 ampere can be added without increasing the box height for Revised P1 with "T" suffix, see the chart.

1. When BL / BQD or GB Main Breaker is chosen as back-fed in unit space, the Main Breaker will use 2 or 3 positions of unit space and will reduce usable branch circuit space.
2. List catalog number and price of interior, box and front.
3. Select main lug kit or main breaker kit from appropriate tables.

Note: Main/Subfeed Breaker mounting kits may be ordered with or without breakers included, see page 5 and 6 for selection.

4. List required branch circuit breakers and filler plates to cover any unused positions.
5. Select any modifications or accessories.

Note: Revised P1 was introduced in January 2015. All original P1 devices do not include the "Subfeed Space" Indicator. All original P1 included the Subfeed Space as standard.



Note: Standard bussing in P1 panels is tin plated for aluminum and copper. Standard bus is temperature rated to the maximum amperage in the panel.

Branch Breakers

Panel Type	Voltage (Max.)	Breaker Type	Additional Information
P1, Revised P1 ^①	240	BL, BLH, HBL, BQD, NGB, HGB, LGB	See Page 17
	480 / 277	BQD, NGB, HGB, LGB,	
	600 / 347 ^③	BQDG ^② , NGB, HGB, LGB	

① Consult sales office for availability of CSA.

② See Speedfax for additional information.

③ 600 / 347V options are not available in a UPB panel - see factory assembled section.

Distributor Stock

Type P1 Panelboards

Pricing an Unassembled Panel

400A Max. — 20" Wide x 5.75" Deep

- Choose the appropriate Interior from the table below.
- Choose the Main Device: Main Lugs from page 16, Main Breaker Kit from pages 16 - 17 and Main Breakers from Section 7.
- Choose Branch Breakers. BL, BQD and xGB breakers from Section 7.
- Choose Feed-Thru Lugs or Subfeed Breaker Kit from pages 16 - 17 and Subfeed Breaker from Section 7.

Type P1 Unassembled Panelboards (Revised P1 introduced 2014)

Amps	Max. # of Poles	Original Interior Catalog Number	Revised P1 Interior Catalog Number	Box Size	Type 1 Encl.	Type 3R/12 Encl.①	Type 1 Front Surface	Type 1 Front Flush
Convertible Mains — 1-Phase, 3-Wire 120/240V								
250	18	P1A18MC250A	P1A18MC250AT	32	B32	WP32	S32B	F32B
	30	P1A30MC250A	P1A30MC250AT	38	B38	WP38	S38B	F38B
	42	P1A42MC250A	P1A42MC250AT	44	B44	WP44	S44B	F44B
	54	P1A54MC250A	P1A54MC250AT	50	B50	WP50	S50B	F50B
400	18	P1A18MC400A	P1A18MC400AT	62	B62	WP62	S62B	F62B
	30	P1A30MC400A	P1A30MC400AT	68	B68	WP68	S68B	F68B
	42	P1A42MC400A	P1A42MC400AT	74	B74	WP74	S74B	F74B
	54	P1A54MC400A	P1A54MC400AT	74	B74	WP74	S74B	F74B
250	18	P1A18MC250C	P1A18MC250CT	32	B32	WP32	S32B	F32B
	30	P1A30MC250C	P1A30MC250CT	38	B38	WP38	S38B	F38B
	42	P1A42MC250C	P1A42MC250CT	44	B44	WP44	S44B	F44B
	54	P1A54MC250C	P1A54MC250CT	50	B50	WP50	S50B	F50B
400	18	P1A18MC400C	P1A18MC400CT	62	B62	WP62	S62B	F62B
	30	P1A30MC400C	P1A30MC400CT	68	B68	WP68	S68B	F68B
	42	P1A42MC400C	P1A42MC400CT	74	B74	WP74	S74B	F74B
	54	P1A54MC400C	P1A54MC400CT	74	B74	WP74	S74B	F74B
Convertible Mains — 3-Phase, 4-Wire 208Y/120V								
250	18	P1X18MC250A	P1X18MC250AT	32	B32	WP32	S32B	F32B
	30	P1X30MC250A	P1X30MC250AT	38	B38	WP38	S38B	F38B
	42	P1X42MC250A	P1X42MC250AT	44	B44	WP44	S44B	F44B
	54	P1X54MC250A	P1X54MC250AT	50	B50	WP50	S50B	F50B
400	18	P1X18MC400A	P1X18MC400AT	62	B62	WP62	S62B	F62B
	30	P1X30MC400A	P1X30MC400AT	68	B68	WP68	S68B	F68B
	42	P1X42MC400A	P1X42MC400AT	74	B74	WP74	S74B	F74B
	54	P1X54MC400A	P1X54MC400AT	74	B74	WP74	S74B	F74B
250	18	P1X18MC250C	P1X18MC250CT	32	B32	WP32	S32B	F32B
	30	P1X30MC250C	P1X30MC250CT	38	B38	WP38	S38B	F38B
	42	P1X42MC250C	P1X42MC250CT	44	B44	WP44	S44B	F44B
	54	P1X54MC250C	P1X54MC250CT	50	B50	WP50	S50B	F50B
400	18	P1X18MC400C	P1X18MC400CT	62	B62	WP62	S62B	F62B
	30	P1X30MC400C	P1X30MC400CT	68	B68	WP68	S68B	F68B
	42	P1X42MC400C	P1X42MC400CT	74	B74	WP74	S74B	F74B
	54	P1X54MC400C	P1X54MC400CT	74	B74	WP74	S74B	F74B
Convertible Mains — 3-Phase, 4-Wire 480Y/277V								
250	18	P1E18MC250A	P1E18MC250AT	32	B32	WP32	S32B	F32B
	30	P1E30MC250A	P1E30MC250AT	38	B38	WP38	S38B	F38B
	42	P1E42MC250A	P1E42MC250AT	44	B44	WP44	S44B	F44B
	54	P1E54MC250A	P1E54MC250AT	50	B50	WP50	S50B	F50B
400	18	P1E18MC400A	P1E18MC400AT	62	B62	WP62	S62B	F62B
	30	P1E30MC400A	P1E30MC400AT	68	B68	WP68	S68B	F68B
	42	P1E42MC400A	P1E42MC400AT	74	B74	WP74	S74B	F74B
	54	P1E54MC400A	P1E54MC400AT	74	B74	WP74	S74B	F74B
250	18	P1E18MC250C	P1E18MC250CT	32	B32	WP32	S32B	F32B
	30	P1E30MC250C	P1E30MC250CT	38	B38	WP38	S38B	F38B
	42	P1E42MC250C	P1E42MC250CT	44	B44	WP44	S44B	F44B
	54	P1E54MC250C	P1E54MC250CT	50	B50	WP50	S50B	F50B
400	18	P1E18MC400C	P1E18MC400CT	62	B62	WP62	S62B	F62B
	30	P1E30MC400C	P1E30MC400CT	68	B68	WP68	S68B	F68B
	42	P1E42MC400C	P1E42MC400CT	74	B74	WP74	S74B	F74B
	54	P1E54MC400C	P1E54MC400CT	74	B74	WP74	S74B	F74B
Interiors for xGB Breakers — 3-Phase, 4-Wire 480Y/277V								
250	18	P1718MC250A	P1718MC250AT	32	B32	WP32	S32B	F32B
	30	P1730MC250A	P1730MC250AT	38	B38	WP38	S38B	F38B
	42	P1742MC250A	P1742MC250AT	44	B44	WP44	S44B	F44B
	54	P1754MC250A	P1754MC250AT	50	B50	WP50	S50B	F50B
400	18	P1718MC400A	P1718MC400AT	62	B62	WP62	S62B	F62B
	30	P1730MC400A	P1730MC400AT	68	B68	WP68	S68B	F68B
	42	P1742MC400A	P1742MC400AT	74	B74	WP74	S74B	F74B
	54	P1754MC400A	P1754MC400AT	74	B74	WP74	S74B	F74B
250	18	P1718MC250C	P1718MC250CT	32	B32	WP32	S32B	F32B
	30	P1730MC250C	P1730MC250CT	38	B38	WP38	S38B	F38B
	42	P1742MC250C	P1742MC250CT	44	B44	WP44	S44B	F44B
	54	P1754MC250C	P1754MC250CT	50	B50	WP50	S50B	F50B
400	18	P1718MC400C	P1718MC400CT	62	B62	WP62	S62B	F62B
	30	P1730MC400C	P1730MC400CT	68	B68	WP68	S68B	F68B
	42	P1742MC400C	P1742MC400CT	74	B74	WP74	S74B	F74B
	54	P1754MC400C	P1754MC400CT	74	B74	WP74	S74B	F74B

① Front included in NEMA 3R and 3R/12 Box.

Distributor Stock

Type P1 Panelboards

Lug Kits — Main or Feed Thru

Amp Rating	Matl.	Wire Range (includes Neutral)	Service	Original Catalog Number	Revised P1 Catalog Number
250	AL	(1) #6 AWG-350 kcmil (CU or AL)	1 Phase	MLKA1	MLKA1A
	CU	(1) #6 AWG-350 kcmil (CU or AL)	3 Phase	MLKA3	MLKA3A
400	AL	(2) 1/0 - 250 kcmil or (1) #2 AWG-600 kcmil	1 Phase	4MLKA1	4MLKA1A
			3 Phase	4MLKA3	4MLKA3A
	CU	(2) 1/0 - 4/0 or (1) 1/0 - 600 kcmil	1 Phase	4MLKC1	4MLKC1A
			3 Phase	4MLKC3	4MLKC3A
400	AL	AL 1/0-750 kcmil (max. 600 kcmil CU wire)	1 Phase	—	4MLKA1B
			3 Phase	—	4MLKA3B

Breaker Mounting Kit – Main or Subfeed Strap Kit w/o Breaker

Amp Rating	Breaker Frames	Service	Original P1 Catalog Number	Revised P1 Catalog Number ②
100A	BL, BLH, HBL	1 Phase	MBKBL1	MBKBL1A
		3 Phase	MBKBL3	MBKBL3A
100A	BQD	1 Phase	—	MBKBC1NBA
125A	NGB, HGB, LGB	1 Phase	MBKNB1	—
100A	BQD	3 Phase	MBKBC3	MBKBC3NBA
125A	NGB, HGB, LGB	3 Phase	MBKNB3	—
125	ED4, ED6, HED4, HHED6	1 Phase	MBKED1	MBKED1A
		3 Phase	MBKED3	MBKED3A
225	QJ2, QJH2, QJ2H	1 Phase	MBKQJ1	MBKQJ1A
		3 Phase	MBKQJ3	MBKQJ3A
225③	QR2, QRH2, QHR2, QHR2H	1 Phase	MBKQR1	MBKQR1A
		3 Phase	MBKQR3	MBKQR3A
250	FXD6, FD6, HFD, HFXD6	1 Phase	MBKFD1	MBKFD1A
		3 Phase	MBKFD3	MBKFD3A
400①	JXD6, JD6	1 Phase	MBKJD1	MBKJD1A
		3 Phase	MBKJD3	MBKJD3A

① 400 amp kit is for main – only, not allowed for subfeed breaker.

② MBKBF kit is available to mount BL/BQD/xGB 2-pole or 3-pole in unit space as a "Back-Fed Main". This occupies branch space and reduces circuit count by 2 or 3 positions. (includes Neutral Lug, "MAIN" label and instructions)

③ Although QR is rated 250A, it is limited to 225A in panelboard.

Copper Neutral Lug Kits — 250A

Number of Circuits	Description	Original P1 Catalog Number	Revised P1 Catalog Number
18	2 or 4 Branch Neutral Strips, Hardware	CNKL18	Use 30 ckt kit
30		CNKL30	CNKL30A
42		CNKL42	CNKL42A
54, 66		—	CNKL54A

2/0 Neutral Lug Kits — 250A and 400A

18	2 or 4 Branch Neutral Strips, Hardware	—	Use 30 ckt kit
30		—	LNLK30A
42		—	LNLK42A
54, 66		—	LNLK54A

200% Neutral Lug Kits/250A

18	2 or 4 Branch Neutral Strips, 1 Main Neutral Lug, Hardware	2NLK18	Use 30 ckt kit
30		2NLK30	2NLK30A
42		2NLK42	2NLK42A
54, 66		—	2NLK54A

200% Neutral Lug Kits/400A

18	2 or 4 Branch Neutral Strips, 1 Main 600MCM Neutral Lug, Hardware	42NLK18	Use 30 ckt kit
30		42NLK30	42NLK30A
42		42NLK42	42NLK42A
54, 66		—	42NLK54A

① Replacement Parts Only

Warehouse Stock/ Unassembled

Miscellaneous Parts and Accessories

Catalog #	Description
BK1	Bonding Kit for 250A max. Original P1 Panels
BK1A	Bonding Kit for 250A max. Revised P1 Panels
BK2	Bonding Kit for S1/S2 400 & 600
BK3	Bonding Kit for S3 Panel
IMK1	Interior Adjusting Kit
11-1824-01	Directory Card Holder
12-1110-01	Directory Card
ANSI / NEMA PB 1.1-2013 ③	General Instructions for Proper Installation, Operation, and Maintenance of Panelboards Rated 600 Volts or Less (O&M Manual)
NBK03	Number Strips 1-42. Stick-on type; Use w/ P1 Series Panels
NBK04	Number Strips 43-84. Stick-on type; Use w/ P1 Series Panels
NBK05	Number Strips 85-126. Stick-on type; Use w/ P1 Series Panels
NBK06	Number Strips 127-168. Stick-on type; Use w/ P1 Series Panels
EGK	AL Ground Bus 44 Connections
ECGK	CU Ground Bus 44 Connections
IGK	Insulated AL Ground Bus
ICGK	Insulated CU Ground Bus
EWK1	End Wall Kit with Knockouts (20" W x 5.75" DP)
EWK2	End Wall Kit with Knockouts (24" W x 7.75" DP)
EBF1	NEB/HEB Filler Plate
P1SCRWS	Package of 42 breaker mounting screws for P1
DFFP1	1" Branch circuit filler plate (suitable for replacing QF3 in P1 thru P5 Panelboards and Switchboards)
SEBKRP1V1 ②	FD, QJ, QR Service Entrance Barrier Kit (Revised P1)
SEBKRP1V2 ②	ED Service Entrance Barrier Kit (Revised P1)
SEBKRP1V3 ②	BQD Service Entrance Barrier Kit (Revised P1 - back-fed)
SEBKRP1V4 ②	xGB Service Entrance Barrier Kit (Revised P1 - back-fed)
SEBKRP1V5 ③	BL/BQD/xGB Service Entrance Barrier Kit (RP1 in Main Space)
SEBKP1P2P3V1 ②	JD, LD Service Entrance Barrier Kit (RP1, P1, P2, P3)
P1CONBPHCU ①	Connector Kit – 6 pcs. B-phase Copper
P1CONBPHAL ①	Connector Kit – 6 pcs. B-phase Aluminum
P1CONACPHCU ①	Connector Kit – 6 pcs. A or C-phase Copper
P1CONACPHAL ①	Connector Kit – 6 pcs. A or C-phase Aluminum
MCHK	Metal Card Holder Kit
EWK1	End Wall Kit with KOs (20"W x 5.75"D)
MBKQRFK	P1/Revised P1 Filler for - 1PH/3PH QR. Horizontal mount only.

① Replacement parts only.

② Factory installed and field installable Service Entrance Barrier kits are now available as required by UL67. (In COMPAS, you must select Service Entrance Required.)

③ PDF can be downloaded at no charge and printed at this location: <http://www.nema.org/standards/pages/Panelboards.aspx>