

Panelboards

Distributor Stock – Type P1 Panelboards

Selection

11
PANELBOARDS

Lug Kits — Main or Feed Thru

Amp Rating	Mat.	Wire Range (includes Neutral)	Service	Original P1 Catalog No.	Revised P1 Catalog No.
250	AL	(1) #6 AWG-350 kcmil (CU or AL)	1 Phase	MLKA1	MLKA1A
			3 Phase	MLKA3	MLKA3A
	CU	(1) #6 AWG-350 kcmil (CU)	1 Phase	MLKC1	MLKC1A
			3 Phase	MLKC3	MLKC3A
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	(1) AL 1/0-750 kcmil (2) AL/CU 250kcmil max. [max.(1) 600 kcmil CU wire]	1 Phase	—	4MLKA1B
			3 Phase	—	4MLKA3B

Breaker Mounting Kits — Main or Subfeed w/o Breaker

Ampere Rating	Breaker Types	Service	Original P1 Catalog No.	Revised P1 Catalog No. ②
100A	BL, BLH, HBL	1-Phase	MBKBL1	MBKBL1A
		3-Phase	MBKBL3	MBKBL3A
100A	BQD	1-Phase	—	MBKBC1NBA
125A	NGB, HGB, LGB		MBKBN1	
100A	BQD	3-Phase	MBKBC3	MBKBC3NBA
125A	NGB, HGB, LGB		MBKBN3	
125A	ED4, ED6, HED4, HHED6	1-Phase	MBKED1	MBKED1A
		3-Phase	MBKED3	MBKED3A
225A	QJ2, QJH2, QJ2H	1-Phase	MBKQJ1	MBKQJ1A
		3-Phase	MBKQJ3	MBKQJ3A
225A ^③	QR2, QRH2, HQR2, HQR2H	1-Phase	MBKQR1	MBKQR1A
		3-Phase	MBKQR3	MBKQR3A
250A	FXD6, FD6, HFD6, HFXD6	1-Phase	MBKFD1	MBKFD1A
		3-Phase	MBKFD3	MBKFD3A
400A ^④	JXD2, JD6, JXD6, HJD6, HJXD6	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 breaker 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

No. of Circuits	Description	Original P1 Catalog No.	Revised P1 Catalog No.
18	2 or 4 Branch Neutral Strips, 1 Main Neutral Lug, Hardware	CNKL18	Use 30 ckt kit
30		CNKL30	CNLK30A
42		CNKL42	CNLK42A
54, 66		—	CNLK54A

2/0 Neutral Lug Kits — 250A and 400A

No. of Circuits	Description	Original P1 Catalog No.	Revised P1 Catalog No.
18	2 or 4 Branch Neutral Strips, Hardware	—	Use 30 ckt kit
30		—	LNLK30A
42		—	LNLK42A
54, 66		—	LNLK54A

200% Neutral Lug Kits/250A

No. of Circuits	Description	Original P1 Catalog No.	Revised P1 Catalog No.
18	2 or 4 Branch Neutral Strips, 2 Main Neutral Lugs, Hardware	2NLK18	Use 30 ckt kit
30		2NLK30	2NLK30A
42		2NLK42	2NLK42A
54, 66		—	2NLK54A

200% Neutral Lug Kits/400A

No. of Circuits	Description	Original P1 Catalog No.	Revised P1 Catalog No.
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

NOTES:

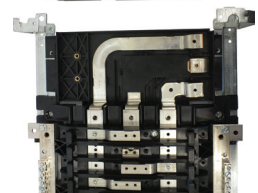
- ① Original P1 kits will not work with Revised P1 interiors if the chart shows different part numbers for each.
- ② Revised P1 kits will not work with Original P1 interiors if the chart shows different part numbers for each.
- ③ Field installable Service Entrance Barrier kits are now available as required by UL67 (In COMPAS, you must select Service Entrance Required).
- ④ Replacement parts only.
- ⑤ PDF can be downloaded (at no cost) and printed at this location: www.nema.org/standards/pages/Panelboards.aspx (ref. Material #11-1056-01)
- ⑥ Factory installed and Field installable Service Entrance Barrier kits are now available as required by UL67. (In COMPAS, you must select Service Entrance Required.)
- ⑦ Use for both CU and AL bus interiors.



MBKQJ3A



MBKFD3A



Miscellaneous Parts and Accessories

Catalog #	Description
BK1	Bonding Kit for 400A max. Original P1 Panels
BK1A	Bonding Kit for 400A max. Revised P1 Panels
BK2	Bonding kit for S1/S2 400 & 600
BK3	Bonding kit for S3 Panel
IMK1	Interior Adjusting Kit
LPDC01	Directory Card (Pack of 10; ref. 12-1110-01)
LPDC02	Directory Card Holder (Pack of 10; ref. 11-1824-01)
MCHK	Metal Card Holder Kit
NBK03	Number Strips 1–42. Stick-on type (P1 Panels only)
NBK04	Number Strips 43–84. Stick-on type (P1 Panels only)
NBK05	Number Strips 85–126. Stick-on type (P1 Panels only)
NBK06	Number Strips 127–168. Stick-on type (P1 Panels only)
EGK	AL Ground Bus 44 Connections
ECGK	CU Ground Bus 44 Connections
IGK	Insulated AL Ground Bus
ICGK	Insulated CU Ground Bus
SEBKRP1V1 ^③	FD, QJ, QR Service Entrance Barrier Kit (Revised P1)
SEBKRP1V2 ^③	ED Service Entrance Barrier Kit (Revised P1)
SEBKRP1V3 ^③	BL/BQD Service Entrance Barrier Kit (Revised P1) back-fed
SEBKRP1V4 ^③	xGB Service Entrance Barrier Kit (Revised P1) back-fed
SEBKRP1V5 ^③	BL/BQD/xGB Service Entrance Barrier Kit (RP1 in main space)
SEBKRP1P2P3V1 ^③	JD, LD Service Entrance Barrier Kit (RP1, P1, P2, P3)
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 (used for BL/BQD/xGB/xGB2/ED blank positions) (suitable for replacing QF3 in P1 thru P5 Panelboards and Switchboards)
P1CONBPHCU ^①	Connector kit – 6 pcs. B-phase Copper
P1CONBPHAL ^①	Connector kit – 6 pcs. B-phase Aluminum
P1CONACPHCU ^{①④}	Connector kit – 6 pcs. A or C-phase Copper
MBKQRFK	P1/Revised P1 Filler for 1PH/3PH QR. Horizontal mount only.
ANSI/NEMA PB 1.1-2013	General Instructions for Proper Installation, Operation, and Maintenance of Panelboards Rated 600 Volts or Less (O&M Manual) ^②