

Catalog Numbering System

Revised P1 panelboards

P 1 C 4 2 F X 2 5 0 A T S T

Type of Panel

P1

Voltage and System*

C = 208Y/120 3Ø 4 W Wye AC (X for UPB)	R = 415/240 3Ø 4 W Wye AC
E = 480Y/277 3Ø 4 W Wye AC	S = 440/250 3Ø 4 W Wye AC
D = 240 3Ø 3 W Delta AC	L = 600/347 3Ø 4 W Wye AC
A = 120/240 1Ø 3 W Grounded Neutral AC	T = 230 3Ø 3 W Delta AC
J = 240 1Ø 2 W No Neutral AC	U = 120V AC 3Ø3W
M = 380/220 3Ø 4 W Wye AC	K = 220/127 3Ø 4 W Wye AC

*For any voltage system not listed, check with sales for availability.

Circuits

18, 30, 42, 54, 66 (See table P1-3 and P1-5 for options available)
 (Back-fed 1-phase will show: 16, 28, 40, 52, 64) (Back-fed 3-phase will show: 15, 27, 39, 51, 63)

Main Lug (ML), Main Breaker

(See Main Breaker Table coding below), Main Switch (MS)

Amperage

100–400A = P1

Bus Code

Bus Material

Bus Plating

P1^①

A	Temp rated AL.	Tin-Plated	•
B	750A/sq. in. AL.	Tin-Plated	n/a
C	Temp rated CU.	Tin-Plated	•
E	Temp rated CU.	Silver-Plated	n/a
F	Temp rated CU.	Tin-Plated	n/a
G	1000A/sq. in. CU.	Tin-Plated	n/a
H	1000A/sq. in. CU.	Silver-Plated	n/a

• Indicates default for this bus type.

Feed Location

T = Top B = Bottom

Mounting

S = Surface
 F = Flush. Flush trims extend 1 1/2" beyond the base box dimensions on P1 panels.

Subfeed Space Indicator (for Revised P1 only) T = Subfeed Space Included N = No Subfeed Space^②

Main Breaker Coding

Code	Breaker Type	Code	Breaker Type	Code	Breaker Type	Code	Breaker Type	Code	Breaker Type
BL	BL	HB	HBL	J6	JD6	QJ	QJ2	SX	SHJD6
BH	BLH	H4	HED4	JD	JXD2	Q2	QJ2H	SY	SHJD6H
BR	BLR	HF	HFD6	JX	JXD6	QH	QJH2	SJ	SJD6
BQ	BQD	H2	HFXD6	JH	JXD6H	QR	QR2	SH	SJD6H
B6	BQD6	H6	HJD6	L6	LD6	Q4	QRH2	S1	SCLD6
E4	ED4	H5	HJXD6	LX	LXD6	Q5	HQR2	S2	SHLD6
E6	ED6	HL	HLD6	LH	LXD6H	Q6	HQR2H	SL	SLD6
FD	FD6	HO	HLXD6	NB	NGB	Q7	QR2-MCS		
FX	FXD6	HP	HLXD6H						
G2	HGB								
G3	LGB								

① Standard bussing in P1 panels is tin-plated for aluminum and copper. Standard bus is temperature rated to the maximum amperage in the panel.
 ② Not available for Revised P1 xGB interiors.

Typical Catalog Numbers

Type P1 Panelboards

Shown with Standard Mains, Top Fed and Surface Trim

Catalog number is for aluminum main bus. For optional copper main bus change "A" in position 11 to "C".

Panels are top feed, surface mounted. For bottom feed, change "T" in position 12 to "B". For flush mounting, change "S" in position 13 to "F".

Replace fifth and sixth position in panelboard catalog number, with alternate main breaker code.

Note: Original P1 was produced until 2015 and in January the revised P1 was introduced. All interior numbers that end with "T" or "N" are the new Revised interiors. "T" at end of catalog number indicates there is a Subfeed area available. "N" at end of catalog number indicates there is no Subfeed area available.

Table P1-16 – Main Lugs Only

Main Lug Only			Original P1 – Subfeed Space	Revised P1 – Subfeed Space ③	Original P1 – Subfeed Space	Revised P1 – Subfeed Space ③	Original P1 – Subfeed Space	Revised P1 – Subfeed Space ③④
Max Panel Amp Rating	Max 1-Pole Circuits	Box Height (in.)	208Y/120V 3-Phase 4-Wire Catalog #	208Y/120V 3-Phase 4-Wire Catalog #	120/240V 1-Phase 3-Wire Catalog #	120/240V 1-Phase 3-Wire Catalog #	480Y/277V 3-Phase 4-Wire Catalog #	480Y/277V 3-Phase 4-Wire Catalog #
125	18	32	P1C18ML125ATS	P1C18ML125ATST ^②	P1A18ML125ATS	P1A18ML125ATST ^②	P1E18ML125ATS	P1E18ML125ATST ^②
	30	38	P1C30ML125ATS	P1C30ML125ATST	P1A30ML125ATS	P1A30ML125ATST	P1E30ML125ATS	P1E30ML125ATST
	42	44	P1C42ML125ATS	P1C42ML125ATST	P1A42ML125ATS	P1A42ML125ATST	P1E42ML125ATS	P1E42ML125ATST
	54	50	N/A	P1C54ML125ATST	N/A	P1A54ML125ATST	N/A	P1E54ML125ATST
	66	56	N/A	P1C66ML125ATST	N/A	P1A66ML125ATST	N/A	P1E66ML125ATST
250	18	32	P1C18ML250ATS	P1C18ML250ATST ^②	P1A18ML250ATS	P1A18ML250ATST ^②	P1E18ML250ATS	P1E18ML250ATST ^②
	30	38	P1C30ML250ATS	P1C30ML250ATST	P1A30ML250ATS	P1A30ML250ATST	P1E30ML250ATS	P1E30ML250ATST
	42	44	P1C42ML250ATS	P1C42ML250ATST	P1A42ML250ATS	P1A42ML250ATST	P1E42ML250ATS	P1E42ML250ATST
	54	50	N/A	P1C54ML250ATST	N/A	P1A54ML250ATST	N/A	P1E54ML250ATST
	66	56	N/A	P1C66ML250ATST	N/A	P1A66ML250ATST	N/A	P1E66ML250ATST
400	18	56	P1C18ML400ATS	–	P1A18ML400ATS	–	P1E18ML400ATS	–
	30	62	P1C30ML400ATS	P1C30ML400ATST	P1A30ML400ATS	P1A30ML400ATST	P1E30ML400ATS	P1E30ML400ATST
	42	68	P1C42ML400ATS	P1C42ML400ATST	P1A42ML400ATS	P1A42ML400ATST	P1E42ML400ATS	P1E42ML400ATST
	54	74	–	P1C54ML400ATST	–	P1A54ML400ATST	–	P1E54ML400ATST
	66 ^②	74 ^②	–	P1C66ML400ATSN ^②	–	P1A66ML400ATSN ^②	–	P1E66ML400ATSN ^②

Table P1-17 – Main Circuit Breaker

100	18	32	P1C18BL100ATS	P1C18BL100ATST ^②	P1A18BL100ATS	P1A18BL100ATST ^②	P1E18BD100ATS	P1E18BD100ATST ^②
	30	38	P1C30BL100ATS	P1C30BL100ATST	P1A30BL100ATS	P1A30BL100ATST	P1E30BD100ATS	P1E30BD100ATST
	42	44	P1C42BL100ATS	P1C42BL100ATST	P1A42BL100ATS	P1A42BL100ATST	P1E42BD100ATS	P1E42BD100ATST
	54	50	–	P1C54BL100ATST	–	P1A54BL100ATST	–	P1E54BD100ATST
	66	56	–	P1C66BL100ATST	–	P1A66BL100ATST	–	P1E66BD100ATST
125 ^②	18	32	P1C18NB125ATS	P1C18NB125ATST ^②	–	–	P1E18NB125ATS	P1E18NB125ATST ^②
	30	38	P1C30NB125ATS	P1C30NB125ATST	–	–	P1E30NB125ATS	P1E30NB125ATST
	42	44	P1C42NB125ATS	P1C42NB125ATST	–	–	P1E42NB125ATS	P1E42NB125ATST
	54	50	–	P1C54NB125ATST	–	–	–	P1E54NB125ATST
	66	56	–	P1C66NB125ATST	–	–	–	P1E66NB125ATST
225	18	32	P1C18QR225ATS	P1C18QR225ATST ^②	P1A18QR225ATS	P1A18QR225ATST ^②	P1E18FX250ATS	P1E18FX225ATST ^②
	30	38	P1C30QR225ATS	P1C30QR225ATST	P1A30QR225ATS	P1A30QR225ATST	P1E30FX250ATS	P1E30FX225ATST
	42	44	P1C42QR225ATS	P1C42QR225ATST	P1A42QR225ATS	P1A42QR225ATST	P1E42FX250ATS	P1E42FX225ATST
	54	50	–	P1C54QR225ATST	–	P1A54QR225ATST	–	P1E54FX225ATST
	66	56	–	P1C66QR225ATST	–	P1A66QR225ATST	–	P1E66FX225ATST
250	18	32	P1C18FX250ATS	P1C18FX250ATST ^②	P1A18FX250ATS	P1A18FX250ATST ^②	P1E18FX250ATS	P1E18FX250ATST ^②
	30	38	P1C30FX250ATS	P1C30FX250ATST	P1A30FX250ATS	P1A30FX250ATST	P1E30FX250ATS	P1E30FX250ATST
	42	44	P1C42FX250ATS	P1C42FX250ATST	P1A42FX250ATS	P1A42FX250ATST	P1E42FX250ATS	P1E42FX250ATST
	54	50	–	P1C54FX250ATST	–	P1A54FX250ATST	–	P1E54FX250ATST
	66	56	–	P1C66FX250ATST	–	P1A66FX250ATST	–	P1E66FX250ATST
400	18	56	P1C18JX400ATS	–	P1A18JX400ATS	–	P1E18JX400ATS	–
	30	62	P1C30JX400ATS	P1C30JX400ATST	P1A30JX400ATS	P1A30JX400ATST	P1E30JX400ATS	P1E30JX400ATST
	42	68	P1C42JX400ATS	P1C42JX400ATST	P1A42JX400ATS	P1A42JX400ATST	P1E42JX400ATS	P1E42JX400ATST
	54	74	–	P1C54JX400ATST	–	P1A54JX400ATST	–	P1E54JX400ATST
	66 ^②	74 ^②	–	P1C66JX400ATSN ^②	–	P1A66JX400ATSN ^②	–	P1E66JX400ATSN ^②

Table P1-18 – Standard Enclosures

Box Height (in.)	Catalog Number				
	Type 1 Standard Trim			Type 3R	Type 3R/12
Box	Surface	Flush			
26	B26	S26B	F26B	NR26	WP26
32	B32	S32B	F32B	NR32	WP32
38	B38	S38B	F38B	NR38	WP38
44	B44	S44B	F44B	NR44	WP44
50	B50	S50B	F50B	NR50	WP50
56	B56	S56B	F56B	NR56	WP56
62	B62	S62B	F62B	NR62	WP62
68	B68	S68B	F68B	NR68	WP68
74	B74	S74B	F74B	NR74	WP74

① For all products without subfeed space - change "T" at end to "N" and reduce box size by 6".

- ② No sub-feed space only for 400A 66 circuit.
- ③ BL/BQD/GB type mains are available in main/sub feed space and also can be used as back-fed in unit space. Either two or three positions of unit space are used when back-fed and circuit count is reduced.
- ④ xGB interiors are not available as Non-Feed-Thru, without Subfeed Space.
- ⑤ The New Revised P1 (18 circuit 250A only) is limited to 100A per connection (200A per pair) when installing Branch Breakers across from one another. All other configurations allow 125A per connection max. (250A per pair max.)