

Panelboards

Type P2 Panelboards

Selection

Main Lugs Only — Examples of basic P2 Panel numbers w/o devices that add to box height.

Max Panel Amp Rating	Max. 1-pole Circuits	Min. Unit space	Standard or Extended Circuit	3Ø4W 208Y/120V	Box Height Inches Min.	1Ø3W 120/240V	Box Height Inches Min.	3Ø4W 480Y/277V	Box Height Inches Min.
				Panel Number		Panel Number		Panel Number	
125	18	9	Standard Circuit Panel	P2C18ML125ATS	26	P2A18ML125ATS	26	P2E18ML125ATS	26
	30	15		P2C30ML125ATS	32	P2A30ML125ATS	32	P2E30ML125ATS	32
	42	21		P2C42ML125ATS	38	P2A42ML125ATS	38	P2E42ML125ATS	38
	54	27		P2C54ML125ATS	44	P2A54ML125ATS	44	P2E54ML125ATS	44
	66	33	Extended Circuit Panel	P2C66ML125ATS	56	P2A66ML125ATS	56	P2E66ML125ATS	56
250	78	39		P2C78ML125ATS	62	P2A78ML125ATS	62	P2E78ML125ATS	62
	90	45		P2C90ML125ATS	68	P2A90ML125ATS	68	P2E90ML125ATS	68
	18	9	Standard Circuit Panel	P2C18ML250ATS	32	P2A18ML250ATS	32	P2E18ML250ATS	32
	30	15		P2C30ML250ATS	38	P2A30ML250ATS	38	P2E30ML250ATS	38
	42	21		P2C42ML250ATS	44	P2A42ML250ATS	44	P2E42ML250ATS	44
400	54	27		P2C54ML250ATS	50	P2A54ML250ATS	50	P2E54ML250ATS	50
	66	33	Extended Circuit Panel	P2C66ML250ATS	62	P2A66ML250ATS	62	P2E66ML250ATS	62
	78	39		P2C78ML250ATS	68	P2A78ML250ATS	68	P2E78ML250ATS	68
	90	45		P2C90ML250ATS	74	P2A90ML250ATS	74	P2E90ML250ATS	74
	18	9	Standard Circuit Panel	P2C18ML400ATS	38	P2A18ML400ATS	38	P2E18ML400ATS	38
600	30	15		P2C30ML400ATS	44	P2A30ML400ATS	44	P2E30ML400ATS	44
	42	21		P2C42ML400ATS	50	P2A42ML400ATS	50	P2E42ML400ATS	50
	54	27		P2C54ML400ATS	56	P2A54ML400ATS	56	P2E54ML400ATS	56
	66	33	Extended Circuit Panel	P2C66ML400ATS	62	P2A66ML400ATS	62	P2E66ML400ATS	62
	78	39		P2C78ML400ATS	68	P2A78ML400ATS	68	P2E78ML400ATS	68
	90	45		P2C90ML400ATS	74	P2A90ML400ATS	74	P2E90ML400ATS	74
	18	9	Standard Circuit Panel	P2C18ML600ATS	38	P2A18ML600ATS	38	P2E18ML600ATS	38
	30	15		P2C30ML600ATS	44	P2A30ML600ATS	44	P2E30ML600ATS	44
	42	21		P2C42ML600ATS	50	P2A42ML600ATS	50	P2E42ML600ATS	50
	54	27		P2C54ML600ATS	56	P2A54ML600ATS	56	P2E54ML600ATS	56
	66	33	Extended Circuit Panel	P2C66ML600ATS	62	P2A66ML600ATS	62	P2E66ML600ATS	62
	78	39		P2C78ML600ATS	68	P2A78ML600ATS	68	P2E78ML600ATS	68
	90	45		P2C90ML600ATS	74	P2A90ML600ATS	74	P2E90ML600ATS	74

Main Circuit Breaker — Examples of Panel numbers w/o options that add to box height.

Max Panel Amp Rating	Main Type ref	Max. 1-pole Circuits	Unit space	Standard or Extended	1Ø3W 120/240V	Box Height Inches Min.	3Ø4W 208Y/120V	Box Height Inches Min.	3Ø4W 480Y/277V	Box Height Inches Min.
					Panel Number		Panel Number		Panel Number	
100	BL/BQD, xGB, ED horiz.	18	9	Standard Circuit Panel	P2A18BL100ATS	26	P2C18BL100ATS	26	P2E18BQ100ATS	26
		30	15		P2A30BL100ATS	32	P2C30BL100ATS	32	P2E30BQ100ATS	32
		42	21		P2A42BL100ATS	38	P2C42BL100ATS	38	P2E42BQ100ATS	38
		54	27		P2A54BL100ATS	44	P2C54BL100ATS	44	P2E54BQ100ATS	44
125	Horiz. Main ^① BQD, xGB, ED	18	9	Standard Circuit Panel	P2A18BQ125ATS	26	P2C18NB125ATS	26	P2E18E4125ATS	26
		30	15		P2A30BQ125ATS	32	P2C30NB125ATS	32	P2E30E4125ATS	32
		42	21		P2A42BQ125ATS	38	P2C42NB125ATS	38	P2E42E4125ATS	38
		54	27		P2A54BQ125ATS	44	P2C54NB125ATS	44	P2E54E4125ATS	56
		66	33	Extended Circuit Panel	P2A66BQ125ATS	56	P2C66NB125ATS	56	P2E66E4125ATS	56
225	Horiz. Main ^② QR, FD (225A max.)	78	39		P2A78BQ125ATS	62	P2C78NB125ATS	62	P2E78E4125ATS	62
		90	45		P2A90BQ125ATS	68	P2C90NB125ATS	68	P2E90E4125ATS	68
		18	9	Standard Circuit Panel	P2A18QR225ATS	32	P2C18QR225ATS	32	P2E18FX225ATS	38
		30	15		P2A30QR225ATS	38	P2C30QR225ATS	38	P2E30FX225ATS	44
		42	21		P2A42QR225ATS	44	P2C42QR225ATS	44	P2E42FX225ATS	50
250	Horiz. Main ^③ FD	54	27		P2A54QR225ATS	50	P2C54QR225ATS	50	P2E54FX225ATS	56
		66	33	Extended Circuit Panel	P2A66QR225ATS	56	P2C66QR225ATS	56	P2E66FX225ATS	68
		78	39		P2A78QR225ATS	62	P2C78QR225ATS	62	P2E78FX225ATS	74
		90	45		P2A90QR225ATS	68	P2C90QR225ATS	68	P2E90FX225ATS	n/a
		18	9	Standard Circuit Panel	P2A18FX250ATS	38	P2C18FX250ATS	38	P2E18FX250ATS	38
400	Vert. JD Main ^④	30	15		P2A30FX250ATS	44	P2C30FX250ATS	44	P2E30FX250ATS	44
		42	21		P2A42FX250ATS	50	P2C42FX250ATS	50	P2E42FX250ATS	50
		54	27		P2A54FX250ATS	56	P2C54FX250ATS	56	P2E54FX250ATS	56
		66	33	Extended Circuit Panel	P2A66FX250ATS	68	P2C66FX250ATS	68	P2E66FX250ATS	68
		78	39		P2A78FX250ATS	74	P2C78FX250ATS	74	P2E78FX250ATS	74
600	Vert. LD Main ^⑤	90	45		n/a	n/a	n/a	n/a	n/a	n/a
		18	9	Standard Circuit Panel	P2A18JX400ATS	50	P2C18JX400ATS	50	P2E18JX400ATS	50
		30	15		P2A30JX400ATS	56	P2C30JX400ATS	56	P2E30JX400ATS	56
		42	21		P2A42JX400ATS	62	P2C42JX400ATS	62	P2E42JX400ATS	62
		54	27		P2A54JX400ATS	68	P2C54JX400ATS	68	P2E54JX400ATS	68
		66	33	Extended Circuit Panel	P2A66JX400ATS	74	P2C66JX400ATS	74	P2E66JX400ATS	74
		18	9		P2A18LX600ATS	56	P2C18LX600ATS	56	P2E18LX600ATS	56
		30	15		P2A30LX600ATS	62	P2C30LX600ATS	62	P2E30LX600ATS	62
		42	21		P2A42LX600ATS	68	P2C42LX600ATS	68	P2E42LX600ATS	68
		54	27		P2A54LX600ATS	74	P2C54LX600ATS	74	P2E54LX600ATS	74

General Note: Panel numbers and box sizes are for reference only - COMPAS will configure proper box size needed based on all options.

- ① 125A: for vert ED & horiz. CED add 6" of box height for both Standard and Extended Circuit.
- ② 225A: for vert QR & FD add 6" of box height for Standard Circuit. Add 12" of box height for Extended Circuit FD Horizontal.

- ③ 250A: for vert FD add 6" of box height; for vert CFD add 12" of box height. (Standard Circuit- see chart for Extended Circuit)
- ④ 400A: for CLD add 12" of box height for Standard Circuit.
- ⑤ 600A: for CLD add 6" of box height for Standard Circuit.