



SIEMENS

Ingenuity for life

Unassembled Panelboards

P4 and P5 Power Panels

usa.siemens.com/panelboards

Siemens announces the addition of P4 and P5 power panels to our unassembled panelboard program.

The new program brings all of the benefits of the current program and can now be applied to the most common power panel configurations. Participants in the program can now offer a range of P4 and P5 panelboards with:

Same day availability: Over the counter availability means your customer is on and off the job without the delays that come with waiting for factory assembled panelboards.

Flexibility and ease of assembly: Customers can purchase a panel and configure it with breakers locally rather than waiting the traditional lead time for an assembled panel. The P4 and P5 designs allow for main breaker to main lug conversion (and vice versa). Surface mount vent and gutter covers come included with every interior. All interiors are rated for 1200 amps and are available in copper or aluminum for maximum flexibility.

All Siemens unassembled panelboards are fully backed for high-quality, trouble-free operation and are labeled as suitable for use as service entrance equipment.

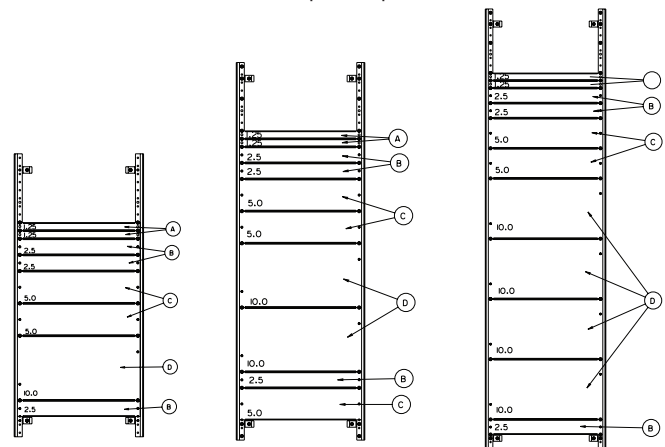
Enclosure sizes are setup to allow the user to customize the amount of unit space needed for any application.

The interiors for the power panels come assembled in the indoor enclosure for your convenience, while shipping out of warehouse stock to minimize lead time. Interiors ship with vent and outer covers for surface mount application.

Interiors are assembled with a variety of blank unit space plates. These pre-packaged kits allow for the flexibility to customize branch circuits while minimizing the complexity of traditional made-to-order power panels.

Filler Plates

Drawing image	Catalog number	Description	Mounting space used
	QF3	BL, BQD, ED filler plate	1"
A	6FPB01	Blank unit space plate	1.25"
B	6FPB02	Blank unit space plate	2.5"
C	6FPB03	Blank unit space plate	3.75"
D	6FPB05	Blank unit space plate	5"
E	6FPB10	Blank unit space plate	10"



Metal components: interiors and enclosures

Panel type	Bus ampere rating	Available branch circuit mounting space	Enclosure with interior 3 Phase, 4 Wire 208Y/120V	Enclosure with interior 3 Phase, 4 Wire 480Y/277V	Enclosure dimensions H x W x D	Bus material
P4	1200 ¹	30"	P4C60MC120A	P4E60MC120A	60" H x 32" W x 10" D	Aluminum
		30"	P4C60MC120E	P4E60MC120E	60" H x 32" W x 10" D	Copper
		45"	P4C75MC120A	P4E75MC120A	75" H x 32" W x 10" D	Aluminum
		45"	P4C75MC120E	P4E75MC120E	75" H x 32" W x 10" D	Copper
P5	1200A	60"	P5C90MC120A	P5E90MC120A	90" H x 38" W x 12.75" D	Aluminum
		60"	P5C90MC120E	P5E90MC120E	90" H x 38" W x 12.75" D	Copper

Metal components: P5 interiors with density rated bus (Enclosure not included)

Panel type	Bus ampere rating	Available branch circuit mounting space	Interior Only 3PH, 4W, 208Y/120V or 1PH 2W 240/120V	Interior Only 3PH, 4W, 480Y/277V	Bus material	Application
P5	1200A	60"	P5C90MC120H ⁴	P5E90MC120H	Copper	3 Phase
	1200A	60"	P5A90MC120H ⁴	—	Copper	Single Phase

Mounting Kits

Panel type	Main disconnect mounting kit ²	Catalog number	Unit space needed	Service entrance barrier kit ³
P4/P5	Sentron JD/LD	SMBKL6	8.75"	SEBP4V1
	VL Electronic JG/LG	SMBKLG	6.25"	SEBP4V3
	VL MG	SMBKMG	8.75"	SEBP4V1
P5	Sentron JD/LD	SMBKL6D	8.75"	SEBP4V1
	VL Electronic JG/LG	SMBKLG1D	6.25"	SEBP4V3
	VL MG	SMBKMG1D	8.75"	SEBP4V1
	HCP Main Switch	SMSKHCP	16.25"	SEBP5V4

Incoming lug kit

Panel type	Material	Wire range	Catalog number
P4/P5	Al/Cu	1/0-750 Kcmil	SMLK12

Enclosures

Panel type	Catalog number	Description
P5	PB890	P5 NEMA 1 Enclosure 90H
	WP890	P5 NEMA 3R Enclosure 90H

¹ Bus rating is 1200 amps. Maximum available main breaker is 800 amps.

Maximum available main lug is 1200 amps.

² Strap kits only, branch breakers must be ordered separately.

³ Service entrance barrier kits are required for service entrance only.

⁴ Density rated interior for use in NEMA1 or NEMA3R enclosures.

(Enclosure sold separately)

Branch circuit mounting kits

Amp	Application	Frame type	Poles	Trip amperage	120	240	480/277	480	P4 Strap	Mounting	P5 Strap	Mounting	Unit Height		
100	Thermal Magnetic	BL	1,2,3	15-125	10,000	10,000	1400		SBL	Twin	SBLBD	Twin	3.75"		
		BLR	2	15-100	10,000	10,000			SBL	Twin	SBLBD	Twin	3.75"		
		BLH	1,2,3	15-125	22,000	22,000			SBL	Twin	SBLBD	Twin	3.75"		
		HBL	1,2,3	15-125	65,000	65,000			SBL	Twin	SBLBD	Twin	3.75"		
		BQD	1,2,3	15-100	65,000	65,000			SBL	Twin	SBLBD	Twin	3.75"		
	Special application	BL - HID	1,2	15-30	10,000	10,000			SBL	Twin	SBLBD	Twin	3.75"		
		BL - BG	2,3	15-30	10,000	10,000			SBL	Twin	SBLBD	Twin	3.75"		
	Ground Fault Interrupter	BLE - GFCI	1,2	15-60	10,000	10,000			SBL	Twin	SBLBD	Twin	3.75"		
		BLEH - GFCI	1,2	15-60	22,000	22,000			SBL	Twin	SBLBD	Twin	3.75"		
		BLF - GFCI	1,2	15-60	10,000	10,000			SBL	Twin	SBLBD	Twin	3.75"		
		BLHF - GFCI	1,2	15-60	22,000	22,000			SBL	Twin	SBLBD	Twin	3.75"		
	Arc Fault Circuit Interrupter	BAF - AFCI	1,2	15,20	10,000	10,000			SBL	Twin	SBLBD	Twin	3.75"		
		BAFH - AFCI	1,2	15,20	22,000	22,000			SBL	Twin	SBLBD	Twin	3.75"		
		BAFC - AFCI	1,2	15,20	10,000	10,000			SBL	Twin	SBLBD	Twin	3.75"		
BAFCH - AFCI		1,2	15,20	22,000	22,000	SBL			Twin	SBLBD	Twin	3.75"			
125	Thermal Magnetic	NGB	1,2,3	15-125	100,000	100,000	25,000			SNB	Twin	SNBD	Twin	3.75"	
		HGB	1,2,3	15-125	100,000	100,000	35,000			SNB	Twin	SNBD	Twin	3.75"	
		LGB	1,2,3	15-125	100,000	100,000	65,000			SNB	Twin	SNBD	Twin	3.75"	
		ED4	1,2,3	15-125	65,000	65,000	18,000			18,000	SE6	Twin	SE6D	Twin	3.75"
		HED4	1,2,3	15-125	100,000	100,000	42,000			42,000	SE6	Twin	SE6D	Twin	3.75"
		CED6	2,3	15-125		200,000	200,000			200,000	SCE	Twin	SCED	Twin	3.75"
225	Thermal Magnetic	QJ2	2,3	60-225		10,000			SQJ	Twin	SQJD	Twin	5"		
		QJH2	2,3	60-225		22,000			SQJ	Twin	SQJD	Twin	5"		
		QJ2H	2,3	60-225		42,000			SQJ	Twin	SQJD	Twin	5"		
		QR2	2,3	100-225		10,000			SQR	Twin	SQRD	Twin	5"		
		QRH2	2,3	100-225		25,000			SQR	Twin	SQRD	Twin	5"		
		HQR2	2,3	100-225		65,000			SQR	Twin	SQRD	Twin	5"		
		HQR2H	2,3	100-225		100,000			SQR	Twin	SQRD	Twin	5"		
250	Thermal Magnetic	FXD6, FD6	2,3	70-250		65,000	35,000	35,000	SF6	Twin	SF6D	Twin	5"		
		HFXD6, HFD6	2,3	70-250		100,000	65,000	65,000	SF6	Twin	SF6D	Twin	5"		
		HHFXD6, HHFD6	2,3	70-250		200,000	100,000	100,000	SF6	Twin	SF6D	Twin	5"		
		CFD6	2,3	70-250		200,000	200,000	200,000	SCF	Single	SCFD	Single	5"		
400	Thermal Magnetic	JXD6, JD6	2,3	200-400		65,000	35,000	35,000	SJ1	Single	SJ2D	Twin	8.75"		
		HJXD6, HJD6	2,3	200-400		100,000	65,000	65,000	SJ1	Single	SJ2D	Twin	8.75"		
		HHJXD6, HHJD6	2,3	200-400		200,000	100,000	100,000	SJ1	Single	SJ2D	Twin	8.75"		
		CJD6	2,3	200-400		200,000	200,000	200,000	SCJ	Single	SCJD	Single	8.75"		
600	Thermal Magnetic	LXD6, LD6	2,3	250-600		65,000	35,000	35,000	SL6	Single	SL6D	Single	8.75"		
		HLXD6, HLD6	2,3	250-600		100,000	65,000	65,000	SL6	Single	SL6D	Single	8.75"		
		HHLXD6, HHLD6	2,3	250-600		200,000	100,000	100,000	SL6	Single	SL6D	Single	8.75"		
		CLD6	2,3	250-600		200,000	200,000	200,000	SCL	Single	SCLD	Single	8.75"		
800	Thermal Magnetic	NM	2,3	600-800		65,000	35,000	35,000	MG1	Single	MG1D	Single	8.75"		
		HM	2,3	600-800		100,000	65,000	65,000	MG1	Single	MG1D	Single	8.75"		
		LM	2,3	600-800		200,000	100,000	100,000	MG1	Single	MG1D	Single	8.75"		

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