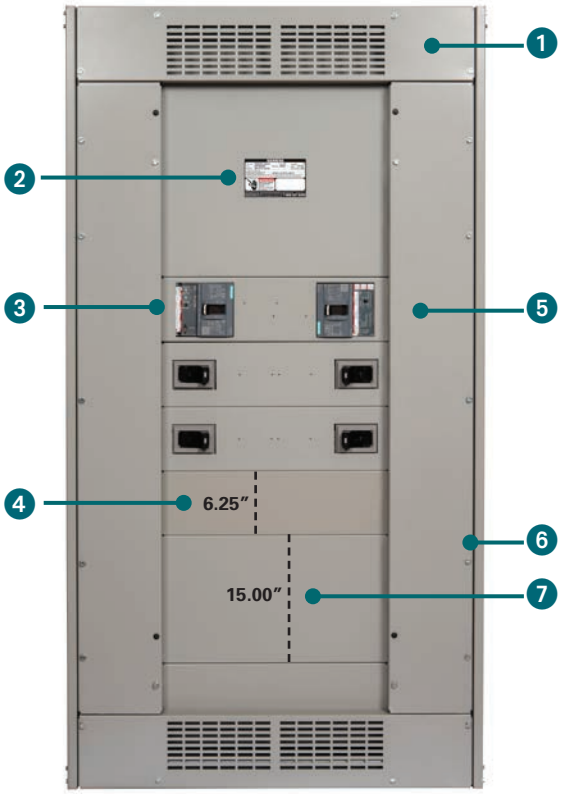
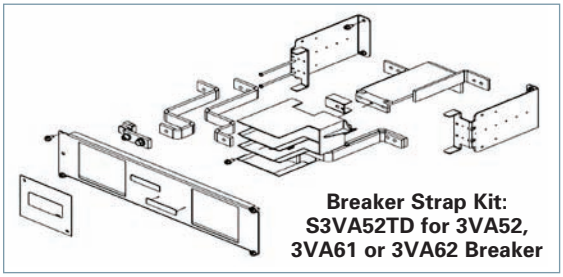
Types P5 and SPP/FPP, F2 (12 3/4" deep)



① Vented 4-Piece Trim
② Main Rating Label
③ Twin Mounted Breakers
④ Open Unit Space (6.75")
⑤ Gutter Cover
⑥ NEMA 1 Enclosure
⑦ Open Unit Space (15.00")



Breaker Strap Kit: S3VA52TD for 3VA52, 3VA61 or 3VA62 Breaker

For inches / millimeters conversion, see Application Data section.

① Normal stock item.
② Includes cover plate and mounting hardware, less circuit breaker.
③ Also fits Types FCI, FCII, SB1 and SB2 switchboards.
④ Strap Kit can also accommodate xGB breakers, reference Installation Instructions
⑤ High Density Kit, requires 7.5″ Unit Space to fit QTY (6) 2 Pole breakers
⑥ Includes qty 1 kit #S3VA52PR
⑦ Includes qty 1 kit #S3VA53PR
⑧ VL 600A & below breaker phase out planned for 10/1/2022, strap kit availability may be limited.

Connecting Strap Kits①②③ Circuit Breaker

Siemens offers strap kits to field install molded case circuit breakers in existing P5 Powerpanels with available Unit Space. Unit Space represents the amount of vertical height required to mount each breaker. Strap kits are unique to breaker frame size and/or trip unit type (thermal magnetic or electronic trip).

The connecting kits below are for use with P5 and SPP/FPP, F2 (12 3/4" deep) panelboards. Includes straps, coverplates and necessary hardware to mount the breaker to distribution bus.

Information Required When Selecting Strap Kits and Blank Plates:

1. How much available Unit Space is in the Switchboard?
2. What breaker frame is being installed?
3. Are blank plates required? To calculate the size of the blank plate required, use the following formula: Available Unit Space - Connection Strap Kit Height = Height of Blank Plates. Reference Blank Plate table below. on page 11-120.

Example: A customer needs to add two 125 Amp, 3VA41 circuit breakers to an existing P5 Powerpanel.

- There is a total of 21.25 inches of available unit space in the P5 Panel. (adding up the heights of covers marked by bullets #4 & #7).
- Referencing the connection strap table, 3.75 inches of Unit Space is required to mount two 3VA41 breakers. #S3VA41TD is the appropriate strap kit.
- 3VA41 twin mounting only requires 3.75 inches of Unit Space thus an additional filler plate is necessary. 6.25 -3.75 inches = 2.5 inch blank filler cover is required part #6FPB02. Refer to the Blank Plate table on page 11-120.

For use with P5, Sentron Deep or Type S5 Power Panels						
Max Amp Rating	**Breaker Family**	**Breaker Type**	**Catalog Number**	**Unit Height (in)**	**Min. Box Width**	**Mounting**
100	General	BL, BQD	**SBLBD**	3.75	32	Twin
125	3VA	3VA41, xGB	**S3VA41TD**④	3.75	32	Twin
	3VA	3VA41, xGB	**S3VA41TDHD**④⑤	7.50	32	Twin, High Density
	General	ED	**SE6D**	3.75	32	Twin
	General	CED	**6CLE2**	3.75	32	Twin
150	3VA	3VA61	**S3VA52TD**⑥	5.00	32	Twin
	VL	DG	**SDGD**⑧	5.00	32	Twin
225	General	QR	**6QR2**	5.00	32	Twin
250	3VA	3VA52, 3VA62	**S3VA52TD**⑥⑦	5.00	32	Twin
	VL	FG	**SFGD**⑦	5.00	32	Twin
	Sentron	FD	**SF6D**	5.00	32	Twin
	Sentron	CFD	**SCFD**	5.00	32	Single
400	3VA	3VA53, 3VA63	**S3VA53TD**⑥	6.25	32	Single
	3VA	3VA53, 3VA63	**S3VA53T2D**	6.25	38	Twin
	VL	JG	**SJG2D**⑦	6.25	32	Twin
	VL	JG	**SJG1D**⑦	6.25	32	Single
	Sentron	JD	**SJ1D**	8.75	32	Single
	Sentron	JD	**SJ2D**	8.75	32	Twin
	Sentron	CJD	**SCJD**	8.75	32	Single
	Sentron	SJD	**SCJD**	8.75	32	Single
600	3VA	3VA54, 3VA64	**S3VA54TD**⑥⑫	6.25	32	Single
	3VA	3VA54, 3VA64	**S3VA54T2D**	6.25	46	Twin
	VL	LG	**SLGD**⑫	6.25	32	Single
	Sentron	LD	**SL6D**	8.75	32	Single
	Sentron	CLD	**SCLD**	8.75	32	Single
	Sentron	SLD	**SSL6D**	8.75	32	Single
	Sentron	SCLD	**SSCLD**	8.75	32	Single
800	3VA	3VA55, 3VA65	**S3VA55TD**	8.75	32	Single
	VL	MG	**MG1D**	8.75	32	Single
	Sentron	LMD	**SLM1D**	8.75	38	Single
	Sentron	MD, CMD	**SMND**	10.00	38	Single
	Sentron	SMD	**SSMND**	10.00	38	Single
1000	3VA	3VA66	**S3VA55TD**	8.75	32	Single
1200	3VA	3VA57, 3VA67	**S3VA57TD**	10.00	38	Single
	VL	NG	**NG1D**	10.00	38	Single
	Sentron	ND	**SMND**	10.00	38	Single
	Sentron	SND	**SSMND**	10.00	38	Single