

## P4 & P5 Power Panelboards and Switchboard Kits

Contains all parts necessary to connect the breaker to the panel's bus.

**Bus kits:** Contain all the current carrying parts and any hard tooled items, such as molded barriers, die-made steel parts and specialty hardware. Will contain barrier support if top barrier is included.

**Steel kits:** include any steel or non-current carrying parts that do not require a mold or costly die to make. Typically these parts can be made on universal tooling such as punch and press brakes.



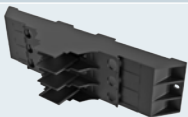

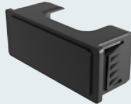
**Hardware kits:** Contain readily available hardware (not specialty items) needed for the assembly: common thread forming screws, machine screws, hex nuts, etc.

**3VA Breaker Provision Kit:** Contains the hardware, nut keepers and bus extensions to land the breaker to the strap kit.

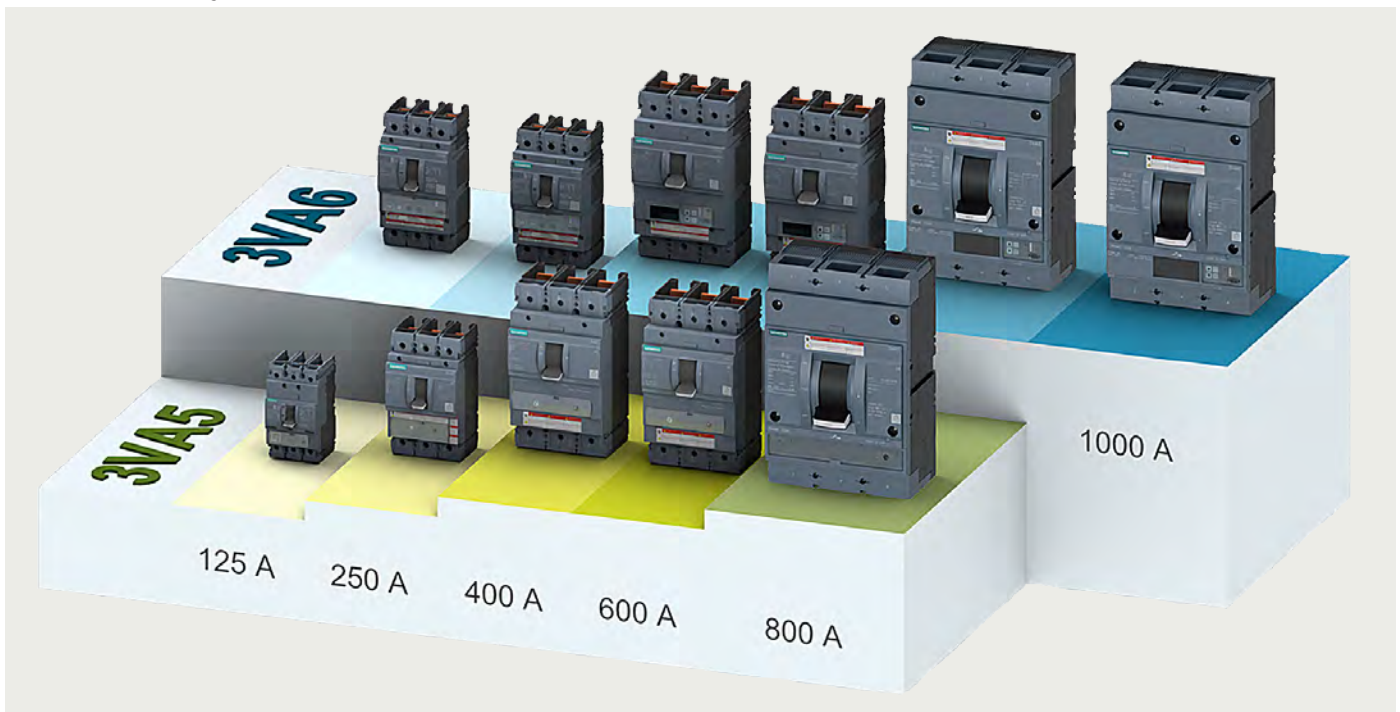
### Provision Kits:

Includes hardware and accessories for installing 3VA breakers to an existing provision in the field. Parts are included with Panelbuilder Kits (Ref. Fig 1).

### Key component definitions

Runback	Aluminum or Copper electrical connector between Main Bus and Phase Straps	
Phase Straps	Aluminum or Copper electrical connector for each phase (A, B, & C) between breaker and Main Bus or breaker and Runback	
Top Barrier	Special tooled, nonconductive part that in most cases locates and aligns the breaker to the Phase Straps while providing isolation between the Phase Straps	
Cover Plate	A steel part providing closure of the deadfront assembly	
Filler Provision Plate	A steel or plastic part providing closure to the deadfront when a breaker provision is installed	

### 3VA Breaker Family



**P5 Power Panelboards and Switchboard Circuit Breaker Kits** – these kits contain parts to connect the breaker to the distribution

New release – 3VA							
Panel Type	Breakers Family	Max. Volts	Max. Amps	Mounting	Distributor Kit	Panelbuilder Kit	Bus Kit
P5 / SWBD	3VA41, xGB <sup>1</sup>	600	125	Twin	S3VA41TD	KS3VA41TD	KS3VA41TDB
	3VA61	600	150	Twin	S3VA52TD	KS3VA52TD	KS3VA52TDB
	3VA52, 3VA62	600	250	Twin	S3VA52TD	KS3VA52TD	KS3VA52TDB
	3VA53, 3VA63	600	400	Single	TBD	TBD	TBD
	3VA54, 3VA64	600	600	Single	TBD	TBD	TBD

<sup>1</sup> Strap Kit can also accommodate xGB breakers, reference Installation Instructions.

**P5 Power Panelboards and Switchboard Circuit Breaker Kits** – these kits contain parts to connect the breaker to the distribution

Panel Type	Existing / legacy Breakers	Max. Volts	Current Rating	Distributor Kit	Panelbuilder Kit	Hardware Kit	Steel Kit	Bus Kit	Aluminum Bus Kit
P5	BL	240	100	SBLBD	KSBLBD	KSBLBDH	KSBLBDS	KSBLBDB	—
	BQD	480	100	SBLBD	KSBLBD	KSBLBDH	KSBLBDS	KSBLBDB	—
	ED	600	125	SE6D	KSE6D	KSE6DH	KSE6DS	KSE6DB	KSE6DB-A
	CED	600	125	SCED	KSCED	KSCEDH	KSCEDS	KSE6DB	—
	DG	600	150	SDGD	KSDGD	KSDGDH	KSDGDS	KSDGDB	—
	QR	240	225	SQRD	KSQRD	KSQRDH	KSQRDS	KSQRDB	KSQRDBA
	FD	600	250	SF6D	KSF6D	KSF6DH	KSF6DS	KSF6DB	KSF6DB-A
	CFD	600	250	SCFD	KSCFD	KSCFDH	KSCFDS	KSCFDB	—
	FG	600	250	SFGD	KSFGD	KSFGDH	KSFGDS	KSFGDB	—
	JD (Single)	600	400	SJ1D	KSJ1D	KSJ1DH	KSJ1DS	KSJ1DB	KSJ1DB-A
	JD (Dual)	600	400	SJ2D	KSJ2D	KSJ2DH	KSJ2DS	KSJ2DB	KSJ2DB-A
	CJD	600	400	SCJD	KSCJD	KSCJDH	KSCJDS	KSCJDB	—
	SJD	600	400	SSJ1D	KSSJ1D	KSJ1DH	KSSJ1DS	KSJ1DB	—
	SCJD	600	400	SSCJD	KSSCJD	—	KSSJ1DS	KSCJDB	—
	JG (Single)	600	400	SJG1D	KSJG1D	KSJG1DH	KSJG1DS	KSJG1DB	—
	JG (Dual)	600	400	SJG2D	KSJG2D	KSJG2DH	KSJG2DS	KSJG2DB	—
	LD	600	600	SL6D	KSL6D	KSJ1DH	KSJ1DS	KSL6DB	KSL6DB-A
	CLD	600	600	SCLD	KSCJD	SCJDBH	KSCJDS	KSCJDB	—
	SLD	600	600	SSL6D	KSSL6D	KSL6DH	KSSJ1DS	KSL6DB	—
	SCLD	600	600	SCLD	KSCJD	—	KSSCJDS	—	—
	LG	600	600	SLGD	KSLGD	KSLGDH	KSLGDS	KSLGDB	—
	MD	600	800	SMND	KSMND	KSMNDH	KSMNDS	KSMNDB	—
	SMD	600	800	SSMND	KSSMND	KSMNDH	KSSMND	KSMNDB	—
	MG	600	800	MG1D	KMG1D	KMG1DH	KMG1DS	KMG1DB	—
	ND	600	1200	SMND	KSMND	KSMNDH	KSMNDS	KSMNDB	—
	SND	600	1200	SSMND	KSSMND	KSMNDH	KSSMND	KSMNDB	—
	NG	600	1200	NG1D	KNG1D	KNG1DH	KNG1DS	KNG1B	—

**Note:** When parts are not available use the full Panelbuilder kit. Distributor kit instructions can be used for installation and are available on the download center.

**3VA Provision Kits<sup>1</sup>**

Breaker Type	Catalog Number
3VA52, 3VA61, 3VA62	S3VA52PR
3VA53, 3VA54, 3VA63, 3VA64	TBD

Contact Siemens Sales for availability

<sup>1</sup> Required when installing a 3VA breaker to an existing provision in the field. Parts are included with Distributor or Panelbuilder Kits.

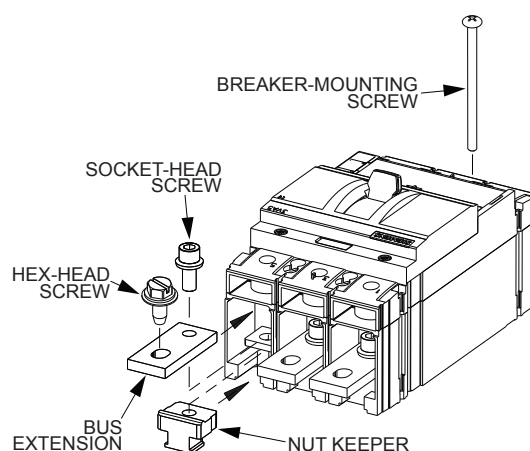


Figure 2 – 3VA Provision Kit Installation (3VA52)