Sentron® SMP Switchboards

Power and Distribution
Selection

Replacement or Modification Components for Circuit Breakers or Fusible Switches[7]

Connecting Strap Kits For Use With Circuit Breakers In Distribution Sections[4][8] (Table 15)

Breakers	Height - Inches (mm)	Catalogue Number
BQ, BQH, HB BL, BLH, HBL	3.75" (95)	6BL2C[2][3][5]
ED2, ED4, ED6, HED4	3.75" (95) 3.75" (95)	6E62[1][2][3]
CED6	3.75" (95)	6CLE2[1]
QJ2, QJH2, QJ2-H	5" (127)	6QJ2[1]
FXD6, FD6, HFD6	5" (127)	6F62[1]
CFD6	5" (127)	6CLF1C[5]
JXD2, JXD6, JD2, JD6, HJD6 SJD6, SHJD6	8.75" (222) 8.75" (222) 8.75" (222)	6JJ62[1]
CJD6, SCJD6	8.75" (222)	6CLJ1C[5]
LXD6, LD6, HLD6, SLD6, SHLD6	8.75" (222) 8.75" (222)	6LL61C[5]
CLD6	8.75" (222)	6CLL1C[5]
SCLD6	8.75" (222)	6SCL61C[5]
MD6, HMD6, CMD6, SCMD6	10" (254) 10" (254)	6M61C[5]
ND6, HND6, CND6 SND6, SHND6, SCND6	10" (254) 10" (254) 10" (254)	6N61C[5]

Connecting Strap Kits For Use With Circuit Breakers in S5 and SPP6 Series Panels

Breaker Type	Height (mm)	Mounting	Catalogue Number
NGB	3.75" (95)	D	SNBD[9]
NEB, HEB	3.75" (95)	D	SEBD[9]
NDG, HDG, LDG	5.00" (127)	D	SDGD[9]
NFG, HFG, LFG	5.00" (127)	D	SFGD[9]
NJG, HJG, LJG	6.25" (158.75)	D	SJG2D[9]
NJG, HJG, LJG	6.25" (158.75)	S	SJG1D[9]

Connecting Strap Kits For Use With VB, VK or HCP Switches in Distribution Sections[4][8] (Table 16)

Rating Amperes	VB Switch Cat. No.	VK Switch Cat. No.	HCP Switch Cat. No.
30/30	N/A	VK6-57	N/A
60/60	VB6-71	VK6-57	N/A
100/100	N/A	VK6-58	N/A
100	VB6-71	N/A	N/A
200/200	N/A	VK6-72	N/A
200	VB6-71	VK6-71[9]	N/A
400-600	VB6-150	N/A	N/A
800	N/A	N/A	F6162DCAN

Blank Cover Plates For Distribution Switch or Circuit Breaker[6] (Table 17)

For use with SMP Switchboards.	
Height - Inches (mm)	Catalogue Number
1.25" (32)	6FPB01
2.50" (64)	6FPB02
3.75" (95)	6FPB03
5.00" (127)	6FPB05
10.00" (254)	6FPB10
15.00" (381)	6FPB15

[1] These are aluminum connectors. If copper is required please add suffix C.
[2] 3.75" (95) plate accommodates six 1-pole breakers.
[3] 10" (254) plate accommodates eighteen 1-pole breakers.
[4] Connector kits also accommodate S5, F2, CDP Panelboards, FCRS, FCI and FCII distribution interiors or CDP6/SPP6 Series Panels.

Special Construction, Additions and Accessories

When required, special constructions or additions to standard Switchboards may be specified for all **factory-assembled** Power and Distribution Switchboards. Listed below are those available for Type SMP Switchboards.

1. Enclosure Type

38" Enclosure EEMAC Types
Type 1 (Indoor or Drip-proof) Type 1A (Front Gasketed)

2. Wireway Options

24"W x 90"H x 12.75" Dp	Hinged Door
	Door Covers
24"W x 90"H x 25.5" Dp	Hinged Door
	Door Covers

3. Painted Finish

Touch-Up Paint (ASA61, Light Grey)
12 oz. aerosol can, Cat. #TUP-61

4. Miscellaneous Accessories

Nameplate - laminated and engraved

5. Bus-Link (One Set Per Panel)

Ampere Rating	Unit Space Occupied in MUD - Inches (mm)
400-1200	Consult Factory

6. Grounding of SMP Switchboard

Non-Insulated Equipment Ground Bus Including Ground Lug Continuous Solid Copper Ground (optional)

7. Main Bus

Standard Main bus and Neutral bus are tin plated aluminum or silver finished copper (option).

8. Lugs

For Main Device and Neutral
For Main Breakers please see SpeedFax section #6 Neutral - please consult factory

9. SPD Modules

Sentron TPS3 05
100KA
150KA
200KA
250KA
300KA
Options: Surge Counter Remote Monitor

[5] These connectors are available in copper only.
[6] Blank (Circuit Breaker or Switch) Cover Plates can also be used in FCI and FCII distribution interiors or CDP6/SPP6 Series Panels.
[7] Please refer to the Siemens Speedfax for detailed circuit breaker or switch information.

10. Circuit Breaker Accessories Handle Blocking Device
Blocks handle in either the "ON" or "OFF" position. Available for:

Breaker Type	Cat. Number
BL, BLH, HBL,	QL1
QJ2, QJH2, QJ2-H	QJHS1
BQD, CQD, NGG	BQDHBD
ED4, ED6, HED4, CED6	E2HBL
FXD6, FD6, HFD6, CFD6	FD6HB1
JXD6, JD6, HJD6, CJD6, SJD6, LXD6, LD6, HLD6, CLD6, SLD6	JD6HBL
MD6, HMD6, CMD6, SMD6, ND6, HND6, CND6, SND6	MN6BL

Padlocking Device - Padlocks in "OFF" position. Available for:

Breaker Type	Cat. Number
BL, BLH, HBL, BQ, BQH, HBQ, B6, BQXD	QLD3
One pole, BL, BLF, BE, BAF	PLD1
Two-pole, BL, BLF, and BE	PLD2
QJ2, QJH2, QJ2-H	HL9419
BQD, CQD	BQDPLD
ED4, ED6, HED4, CED6	ED2HPL
FXD6, FD6, HFD6, CFD6	FD6PL1
JXD6, JD6, HJD6, CJD6, SJD6, LXD6, LD6, HLD6, CLD6, SLD6	JD6HPL
MD6, HMD6, CMD6, SMD6, ND6, HND6, CND6, SND6	MN6PLD

Handle Extensions - For replacement (one extension shipped with breaker)

Breaker Type	Cat. Number
MD6, HMD6, CMD6, SMD6, ND6, HND6, CND6, SND6	EX11

Ground Fault Sensing Relay Kit Equipment Protection (30 mA)

For Use with Breaker Types	Number of Poles	Catalogue Number Description
ED4, ED6, HED4	1, 2, 3	See breaker section of this catalogue.

Shunt Trip on Main and Branches

Description	Cat. Number
BL, BQD6 (branch only) QJ2, QJ2H, QJH2, ED2, ED4, HED4 (branch only) All others through 1200A	See breaker section of this catalogue.

[8] Mounting kits include connector straps and covers (breakers or switches are not included).
[9] Refer to Siemens for units equipped with auxiliary switches.
[10] Consult Sales for mounting in FCI/FCII Switchboards.

8 SWITCHBOARDS