

# Spectra Series® Power Panelboards

## Physical Data

### Spectra Bolt-On Mounting Hardware and Spare Parts

**Table 20. Spectra Bolt-On Panel Device Mounting Hardware**

Type	X-Height	Minimum Box Width	Mounting Kit With Filler Plate <sup>①</sup>	Filler Plate <sup>②</sup>
<b>Twin Mounted Devices</b>				
FB (3-pole)	2X	27	AMCB4FBFP	AFP3FBD
FB (2-pole)	3X	27	AMCB6FBFP	AFP2FBD
FC (3-pole)	3X	27	AMCB4FDBFP	AFP3FDD
FC (2-pole)	3X	27	AMCB6FDBFP	AFP3FDD
FE (3-pole)	3X	31	AMCB4FEBFP	AFP3FED
FE (2-pole)	3X	31	AMCB6FEBFP	AFP3FED
FG (3-pole)	4X	40	AMCB4FGBFP	AFP4FGD
FG (2-pole)	4X	40	AMCB6FGBFP	AFP4FGD
TQD, THQD (3-pole)	3X	27	AMCB6QDFP	AFP3QDD
TQD, THQD (2-pole)	2X	27	AMCB4QDFP	AFP2QDD
TEB, TED, THED, SED, SEH, SEL, SEP (3-pole)	3X	27	AMCB6EBFP	AFP3SED
THED, SED, SEH, SEL, SEP (2-pole)	3X	27	AMCB4SEFP	AFP3SED
TEB, TED (2-pole)	2X	27	AMCB4EBFP	AFP2TED
SFH, SFL, SFP (3-pole)	3X	31	AMCB6FJFP	AFP3SFD
SFH, SFL, SFP (2-pole)	3X	31	AMCB4FJFP	AFP3SFD
TFJ, TFK, THFK (3-pole)	3X	36	AMCB6FJPTF	AFP3TFD
TFJ, TFK, THFK (2-pole)	2X	36	AMCB4FJPTF	AFP3TFD
SGH, SGL, SGP (3-pole)	4X	40	AMCB6GBFP	AFP4SGD
SGH, SGL, SGP (2-pole)	4X	40	AMCB4GBFP	AFP4SGD
TEY (3-pole)	3X	27	AMCB6EYFP	AFP3EYD
TEY (2-pole)	3X	27	AMCB4EYFP	AFP3EYD
<b>Single Mounted Devices</b>				
FG (3-pole)	4X	27	AMCB3FGMFP	AFP4FGS
FG (2-pole)	4X	27	AMCB2FGMFP	AFP4FGS
SFH, SFL, SFP (3-pole)	3X	27	AMCB3FJFP	AFP3SFS
SFH, SFL, SFP (2-pole)	3X	27	AMCB2FJFP	AFP3SFS
TFJ	3X	27	AMCB3FJPTF	AFP3TFS
TFJ	3X	27	AMCB2FJPTF	AFP3TFS
SGH, SGL, SGP (3-pole)	4X	27	AMCB3GMFP	AFP4SGS
SGH, SGL, SGP (2-pole)	4X	27	AMCB2GMFP	AFP4SGS
SKH, SKL, SKP, TKM, THKM (3-pole)	6X	40	AMCB3KMFP	AFP6SKS
SKP (3-pole)	6X	44	AMCB3KMFP	AFP6SKS
SKH, SKL, SKP, TKM, THKM (2-pole)	6X	40	AMCB2KMFP	AFP6SKS
SKP (2-pole)	6X	44	AMCB2KMFP	AFP6SKS

① Mounting kit with filler plate includes hardware, straps, brackets and filler plate.

② Filler plate kit includes filler plate and associated hardware only.

Note: X=1.375"

**Table 21. Spectra Bolt-On Hardware Kits**  
(Hardware only; no brackets or straps)

Circuit Breaker Type	Catalog Number
FB	AHKBFB1
FC	AHKBFD1
FE	AHKBFE1
FG	AHKBFG1
S7H	AHKBS71
SE/THLC1	AHKBE1
SF	AHKBF1
SG	AHKBG1
THQD	AHKBQ1
THLC2,4	AHKBLB1

**Table 22. Full Filler Plates** (To cover unused spaces)

"X" Height of Space	Catalog Number		
	27"/31" Wide Box	36"/40" Wide Box	44" Wide Box
1X	APP1S	APP1	APP1W
2X	APP2S	APP2	APP2W
3X	APP3S	APP3	APP3W
4X	APP4S	APP4	APP4W
5X	APP5S	APP5	APP5W
6X	APP6S	APP6	APP6W

## Enclosure Dimensions

### Estimating Enclosure Dimensions

Spectra Series panelboard enclosures are provided in four box heights and five box widths. Enclosure sizes are determined by ampere rating and installed device sizes.

- Determine applicable main x-height and minimum enclosure width from tables 12.1 - 12.5.  
Enter: X-Height \_\_\_\_\_  
Minimum Width \_\_\_\_\_
- Determine total branch x-height and minimum enclosure width (switches and breakers may be mixed) from tables 13.1, 13.2 or 14.1.  
Enter: X-Height \_\_\_\_\_  
Minimum Width \_\_\_\_\_
- Total up x-heights and review table 20.1 to determine box height. If total X-height exceeds tabulated values, multiple panel sections are required.  
Enter: Total X-Height \_\_\_\_\_  
Box Height \_\_\_\_\_  
Box Width \_\_\_\_\_  
(Highest number from steps A or B)
- Multiple Section Panels: Include main lug x-height for each additional section. For 800 and 1200A ratings review note ① below table 20.1. When first section includes a main device, feed thru lugs are required — add MLO x-height to first section.
- See page 21 for box depth.
- NEMA 3R/12 Enclosure size can be developed by following steps A thru C and using Table 21.1 to determine NEMA 3R/12 size.