

# Panelboards Spectra™ Series Panelboards Renewal Parts

Main Lug Modules; Neutral and Ground Kits  
Plug-In or Bolt-On

## Lug Kits and Modules Plug-In Spectra™

- FP suffix indicates all AFPML cover plates included to fit applicable box widths.
- Can be converted to dual main lug version by adding lug kits (see Accessories).
- Mechanical lug modules can be converted to compression lug modules by replacing standard lugs with AMKP compression lug kit (see Accessories)
- Can be used for feed-thru lugs application by replacing standard cover plate with AFL feed-thru lug cover plate kit (see Accessories).

Lug Ampere Rating	Lug Type	X Height	Lugs Per Phase	Wires per Lug	Wire Range (Cu/Al)	Included Cover Plate	Box Width Range	Product Number
250	Mechanical	4X	1	1	#6-350kcmil	AFPML4X	27",36"	AML3250SFP <sup>1</sup>
250	Mechanical	6X	1	1	#6-350kcmil	AFPML6X	36"	AML3250FP
400	Mechanical	4X	1	2	#2-500kcmil	AFPML4X	27",36",44"	AML3400SFP <sup>1</sup>
400	Mechanical	6X	1	2	#2-500kcmil	AFPML6X	36",44"	AML3400FP
600	Mechanical	4X	1	2	#2-500kcmil	AFPML4X	27",36",44"	AML3600SFP <sup>1</sup>
600	Mechanical	6X	1	2	#2-500kcmil	AFPML6X	36",44"	AML3600FP
800	Mechanical	6X	2	2	#2-500kcmil	AFPML6XW	36",44"	AML3800FP
1200	Mechanical	6X	2	2	#2-500kcmil	AFPML6XW	36",44"	AML3120FP
250	Compression	6X	2	1	350kcmil	AFPML6X	36"	AML3250CFP
400	Compression	6X	2	1	500kcmil	AFPML6X	36",44"	AML3400CFP
600	Compression	6X	2	1	500kcmil	AFPML6X	36",44"	AML3600CFP
800	Compression	6X	4	1	500kcmil	AFPML6XW	36",44"	AML3800CFP
1200	Compression	6X	4	1	500kcmil	AFPML6XW	36",44"	AML3120CFP

<sup>1</sup>4X modules cannot be converted to compression lug version.

## Lug Kits and Modules Plug-In or Bolt-On Spectra™—Neutral

- Includes mechanical lugs and bonding strap.
- 250 to 600A neutral kits can be converted to dual main version by doubling the main lug quantity using lug kits (see Accessories).
- Main lug on neutral kit can be converted to compression main using AMKP lug kit.

Lug Amp Rating	No. of Main Lugs	No. of Wires	Wire Range (Cu/Al)	Product Number
<b>Bolt-On</b>				
250/400	Single/Dual	2 (MAIN)	#2 - 600kcmil	ANKN400
		16	#14 - 2/0	
		5	#6 - 300kcmil	
		24	#14 - #4	
600/800/1200	Single/Dual	8 (MAIN)	#2 - 600kcmil	ANKN120
		9	#14 - 2/0	
		10	#6 - 300kcmil	
		10	#14 - #4	
<b>Plug-In</b>				
800	Dual	8 (MAIN)	#2 - 500kcmil	ANK800D
		8	#14 - 2/0	
		10	#6 - 300kcmil	
		4	#2 - 500kcmil	
1200	Dual	8 (MAIN)	#2 - 500kcmil	ANK120D
		8	#14 - 2/0	
		10	#6 - 300kcmil	
		4	#2 - 500kcmil	

For 3ph, 4W single-section panelboards, use a standard neutral.

For 3ph, 4W multi-section panelboards, use a standard neutral on the last section, and a dual main neutral on the first and middle sections.

## Lug Kits and Modules Plug-In or Bolt-On Spectra™—Ground

- AEG10 and AEG21 should be ordered in multiples of 10 due to 10 kits per carton bulk-packaging.
- AEG21S and AEG31S are packaged as quantity 1 kit per carton.

Bonding Type	Total Circuits	No. of Wires	Wire Range (Cu/Al)	Product Number
Bonded	10	10	#6-2/0 Cu/Al	AEG10
Bonded	21	9	Solid: #14-#8 Cu or #12-#8 Al or Stranded: #12-#8 Cu or #12-#8 Al or Stranded: #10-#4 Cu or #10-#4 Al	AEG21
Insulated/Isolated	21	9	Solid: #14-#8 Cu or #12-#8 Al or Stranded: #12-#8 Cu or #12-#8 Al or Stranded: #10-#4 Cu or #10-#4 Al	AEG21S
Insulated/Isolated	31	10	#6-2/0 Cu/Al	AEG31S

