

# Panelboards

Type P3 Panelboards

Selection/Dimensions

PANELBOARDS 11

## Panel Unit Space To Box Height Requirements

"B" Dimension Box Height	P3 Panels With Standard Line Lugs. Unit Space (starting with 9" and adding 6" increments) "A" Dimension										
	Main Lugs				Main Breakers						
	250A	400A	600A	800A	250A Horiz. FD	250A Vert. FD	250A Vert. CFD	400A Vert. JD	400A Vert. CJD	600A Vert. LD	600A Vert. CLD
56	27	21	21	21	21	15	9	9	—	9	—
62	33	27	27	27	27	21	15	15	9	15	9
68	39	33	33	33	33	27	21	21	15	21	15
74	45	39	39	39	39	33	27	27	21	27	21
80	45	45	45	45	45	39	33	33	27	33	27

### Main Breaker Wire Bending

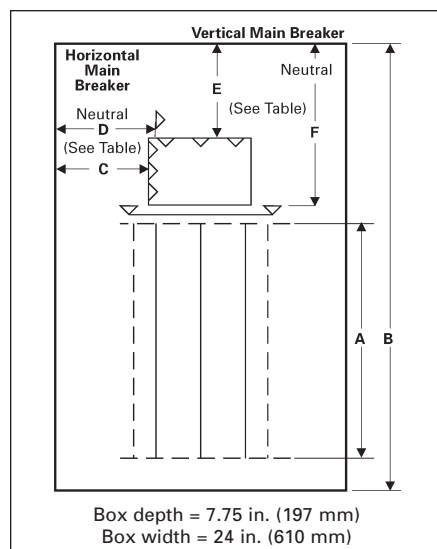
Breaker Frame	C	E	F
FD Horiz.	7.25	—	20.13
FD Vert.	—	12.25	25.38
CFD	—	13.63	31.38
JD	—	15.63	29.38
CJD	—	14.75	35.38
LD	—	14.75	29.38
CLD	—	14.00	35.38

### Main Lug Wire Bending

Panel Amps	Standard Connectors	C	D
250	(1) #6 AWG - 350 kcmil	10.75 <sup>①</sup>	13.50
400	(2) #3/0 AWG - 250 kcmil or (1) 600 kcmil	16.00	17.88
600	(2) #3/0 AWG - 500 kcmil	16.00	17.88
800 <sup>②</sup>	(2) 600 kcmil	16.00	17.88

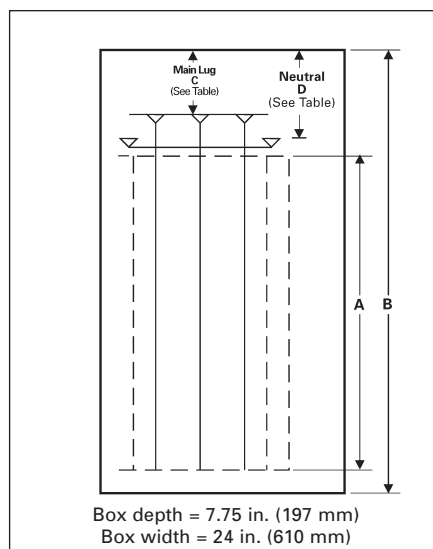
① This lug is removable.  
 ② CU wire Required for 800A with 2 cables. See Alternate Lugs page 11-47 for 3 cables CU or AL options.

### Main Breaker Wire Bending Diagram



Main Breaker Wire Bending

### Main Lug Wire Bending Diagram

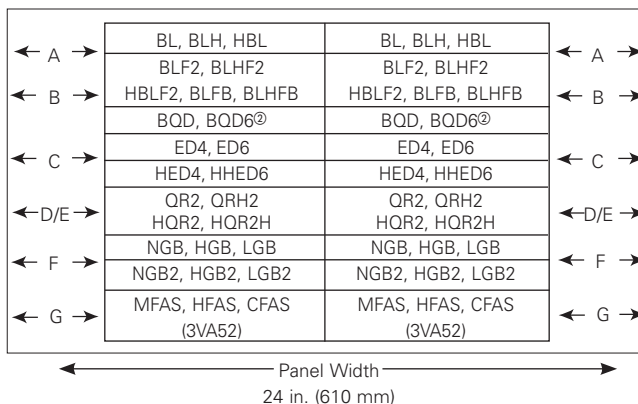


Main Lug Wire Bending

### Branch Breaker Side Gutters Inches (mm)

Reference Letter	Panel Width 24" (609)
A	7.750 (197)
B	7.125 (181)
C	6.000 (152)
D <sup>①</sup>	7.000 (178)
E	5.000 (127)
F	6.625 (168)
G	5.500 (140)

### Branch Breaker Wire Bending Diagram



Branch Breaker Side Gutters

① Single branch mounting construction.  
 ② BQD6 is not UL Listed. Only for CUL and CSA panels.