

Table 9.20: PowerPacT H, J, or Q-frame Sub-feed Circuit Breaker Cabinet Height (inches)^[93]

Max. No. of Branch Circuit Spaces (not including sub-feed circuit breaker)	Mains Type and Maximum Current Rating				
	225 A Main Lugs ^[94]	250 A Main Circuit Breaker ^[95]	400 / 600 A Main Lugs ^[96]	400 A LA/LH Main Circuit Breaker ^[97]	400 / 600 A LG/LJ/LL Main Circuit Breaker ^[98]
30	50	62	74	86	86
42	56	68	74	86	86
54	62	74	80	92	—
72	68	80	86	—	—
84	74	86	92	—	—

Table 9.21: PowerPacT LG, LJ, or LL Sub-feed Circuit Breaker Cabinet Height (inches)^[99]

Max. No. of Branch Spaces (Does not include sub-feed circuit breaker spaces)	NEMA 1 D9 Enclosure (8.75-in. D) ^[100]			Vented NEMA 3R Enclosure Height (26-in. W x 8.75-in. D)			
	20-in. Wide		26-in. Wide	Main Lugs	Main Circuit Breaker ^[100]		
	Main Lugs	LA / LH Main Circuit Breaker	LG / LJ / LL ^[100]		LA / LH	400A PP-L	600A PP-L
			Main Breaker				
30	68	80	80	74	74	86	92
42	68	80	86	74	80	86	92
54	74	86	92	80	86	92	—
72	80	92	—	—	—	—	—
84	86	—	—	—	—	—	—

Table 9.22: Weather and Dust Resistant Enclosures—Type 3R, 4, 4X, 5, 12

Weatherproof or Dusttight Cabinets

NOTE: NQ panelboards with PowerPacT L circuit breakers are not available with a NEMA Type 4, 4X, 5, or 12 enclosure. (Use I-Line).

NQ panelboards with PowerPacT L circuit breakers are available with vented 26 in. wide NEMA 3R enclosures. These vented NEMA 3R enclosures also enable selection of subfeed circuit breakers up to 600 A.

400 A NQ panelboards in NEMA 4, 4X, 5, or 12 enclosures are available with one subfeed breaker up to 150 A.



NQ MLO Panelboard in Vented NEMA 3R enclosure with 600 A Sub-Feed Circuit Breaker

Table 9.23: Optional Factory Assembled Lugs for Main Lugs Only and Main Circuit Breaker Interiors

Incoming Lug Type:
Aluminum Compression Lugs
Copper Mechanical Lugs
Copper Compression Lugs

NOTE: Optional lugs are not available for Q frame main or QOB circuit breakers.

Sub-feed Lugs

NOTE: Available on main lug interiors only, 1Ø or 3Ø.

Table 9.24: Sub-feed Lug Wire Range Per Phase (AWG or kcmil)

Mains Rating	Incoming	Outgoing
100	one #6-2/0 Al or Cu	one #6-2/0 Al or Cu
225	one 1/0-350 kcmil Al or Cu	one 1/0-350 kcmil Al or Cu
400	one 1/0-750 kcmil Cu only	one 1/0-750 kcmil Cu only

Table 9.25: Sub-feed Lug Cabinet Data

Max. No. of Branch Spaces	Box Height (20 in. W x 5.75 in. D)		
	100 A	225 A	400 A
18	MH26	—	—
30	MH32	MH38	MH50
42	—	MH44	MH50
54	—	MH44	MH50
72	—	MH50	MH62
84	—	MH56	MH68

^[93] Bottom feed only in NEMA Type 3R enclosures. NEMA 3R applications with sub-feed circuit breakers greater than 150A require 8.75 in. deep, 26 in. wide enclosure - reference PBA603WP.

^[94] Reference PBA701x drawing for more dimensional information. PBA701x - x may be A, E, HR, HRT, or T, depending upon choice of options and trim front.

^[95] Reference PBA707x drawing for more dimensional information. PBA707x - x may be A, E, HR, HRT, or T, depending upon choice of options and trim front.

^[96] Reference PBA709x drawing for more dimensional information. Bottom feed only in NEMA Type 3R enclosures. NEMA 3R applications with sub-feed circuit breakers greater than 150A require 8.75 in. deep, 26 in. wide enclosure - reference PBA603WP. PBA709x - x may be A, E, HR, HRT, or T, depending upon choice of options and trim front.

^[97] Reference PBA710x drawing for more dimensional information. Bottom feed only in NEMA Type 3R enclosures. NEMA 3R applications with sub-feed circuit breakers greater than 150 A require 8.75 in. deep, 26 in. wide enclosure - reference PBA603WP. PBA710x - x may be A, E, HR, HRT, or T depending upon choices of options and trim front.

^[98] LG, LJ, or LL Main Circuit Breaker requires D9 8.75 in. enclosure. Reference PBA713x or PBA755x drawing for more dimensional information. PBA####x - x may be A, E, HR, HRT, or T, depending upon choice of options and enclosure.

^[99] Feed-thru lugs and compression lugs available factory assembled only. These add 6 - 12 inches to enclosure length.

^[100] NQ Panelboards with PowerPacT L Main Circuit Breaker and PowerPacT L Sub-Feed Circuit Breaker are supplied with Condo Riser Neutral Assemblies, and require 26 in. wide, 8.75 in. deep enclosures.