# Selection Procedure for NQ Merchandised Panelboards

NQ Online Refer to NQ Panelboards



#### Selection Procedure for NQ Merchandised Panelboards

- 1. Review maximum electrical system voltage, ampacity, and available fault current, and determine the type of panelboard is desired (see tables Table 9.1–Table 9.4).
- 2. Identify type (plug-on or bolt-on) and total quantity of branch circuit breaker poles and panel spaces required (see Digest sections 7 and 9 for catalog numbers).
- 3. Select proper main lug interior (from Table 9.5 or Table 9.7) or:
  - Select main circuit breaker interior and main circuit breaker adapter kit (from tables 9.6 NQ Main Circuit Breaker Interiors, page 9-12 or Table 9.8 NQ 14-inchwide Main Circuit Breaker Interiors, page 9-13), based upon the equivalent number of poles and ampere rating.

NOTE: Interiors include solid neutral and are field convertible to top-feed.

- If a main circuit breaker interior was selected, select a main circuit breaker (or fuse) from pages page 7-2, page 7-6, page 7-7, or page 7-11.
- Select ground bars from tables Table 9.9 or any non-standard neutral bars (i.e., 200% neutral for non-linear loads) from table Table 9.38.
- Select any required sub-feed circuit breakers, sub-feed lugs (SFL), or feed-through lugs (FTL) kits:
  - Sub-feed lugs (SFL) or feed-through lugs (FTL) kits: tables Table 9.39 in the NQ Accessories sections.
  - Any subfeed circuit breakers: Table 7.1 or tables Table 9.10-Table 9.14.
- 6. Determine the total mounting inches required by adding requirements from interior, main circuit breaker, neutrals and ground bars, SFL, FTL, or sub-feed circuit breaker.
- Select enclosure from the tables Table 9.5–Table 9.9, Table 9.38–Table 9.42, Table 9.19, Table 9.21, and Table 9.23.
   NEMA Type 1—select box and front (cover) catalog number corresponding to interior catalog number.

NEMA Type 3R, 5, 12—select enclosure. Cover for Type 3R, 5, 12 is included with the enclosure.

- Select the branch circuit breakers to be installed in the panel.
   For NQ panelboards use QO circuit breakers from tables Table 7.1, page 7-13-page 7-14, or QOB circuit breakers from Table 9.10-Table 9.14.
- Select options and accessories from tables Table 9.7–Table 9.43.
   NOTE: Additional NF and NQ options may be found in the Supplemental and Obsolescence Digest, Section 4.

# NQ Merchandised Selection Example 208Y/120 Vac, 3Ø4W, 10 kA SCCR, 225 A, MLO, NEMA Type-1, surface-mount, bolton, branch circuit breakers, main sub-feed lugs

Branches	Table No.	Catalog Number	Spaces
(20) 20/1	Table 9.11	(20) QOB120	20
two 40/2	Table 9.11	two QOB240	4
two 30/3	Table 9.11	two QOB330	6

Total 30 spaces

			Min. Box Height
225 A MLO Interior	Table 9.5	NQ430L2	32 inches
Enclosure (Box)	Table 9.5	MH38	
Front (Cover)	Table 9.5	NC382S	_
Sub-feed Lugs	Table 9.39 and Table 9.40	NQSFL2	6 inches

Total 38 inches

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PANELBOARD



**NQ Merchandised Main Lug Interiors** Refer to NQ Panelboards

# NQ Main Lug Interiors—240 Vac, 48 Vdc

# Table 9.5: Main Lug Interiors—Accepts plug-on and bolt-on circuit breakers

Circuit		Interior Only		NEMA Type 1 Enclosure		NEMA Type 3R, 5, 12	Enclosure [2
Circuit Breaker Pole Spaces	Mains Rating	(Order Branch Circuit Breakers Separately) [1]	Box 20 in. W x 5.75 in. D [3]	Mono-Flat™ Front [4]	Hinged Front	Enclosure 21 in. W x 6.5 in. D	Height (In.)
Spaces		Catalog No. [5]	Catalog No.	Catalog No.	Catalog No.	Catalog No.	(,
)-inch-wide Ca	abinet —Single Pl	hase 3-Wire					
18		NQ18L1	MH26	NC26 ( )	NC26()HR	MH26WP	26
10	100	NQ18L1C	IVII IZO			IVII IZOVVI	20
30		NQ30L1 NQ30L1C	MH32	NC32()	NC32()HR	MH32WP	32
		NQ30L1C NQ30L2					
30		NQ30L2C	MH32	NC32 ( )	NC32()HR	MH32WP	32
40	1 [	NQ42L2	MUO	NC38 ( )	NC38( )HR	MH20M/D	38
42	225	NQ42L2C	MH38	14030()	14030( )1110	MH38WP	30
72[6]	223	NQ72L2	MH44	NC44()	NC44()HR	MH44WP	44
,	-	NQ72L2C		- ()	- ()		
84 <i>[6]</i>	-	NQ84L2 NQ84L2C	MH50	NC50()	NC50()HR	MH50WP	50
		NQ30L4					
30		NQ30L4C	MUEO	NCEOV ( )	NOFOV// NUD	A 41 JEONA/D	50
42		NQ42L4	NQ42L4	NC50V ( )	NC50V()HR	MH50WP	50
42	400	NQ42L4C					
54		NQ54L4	MH56	NC56V()	NC56V()HR	MH56WP	56
84[6]	+	NQ54L4C NQ84L4C	MH68	NC68V()	NC68V()HR	MH68WP	68
30		NQ30L6C	IVITUO	1	**		00
42		NQ42L6C	MH50	NC50V()	NC50V()HR	MH62WP[7]	50/62
54	600	NQ54L6C	MH56	NC56V()	NC56V()HR	MH56WP	56
84[6]		NQ84L6C	MH68	NC68V()	NC68V()HR	MH80WP[7]	68/80
)-inch-wide Ca	abinet —Three Ph	nase 4-Wire			, ,		
18		NQ418L1	MH26	NC26 ( )	NC26()HR	MH26WP	26
10	100	NQ418L1C	WII 120		11020( )	WHIZOWI	
30		NQ430L1 NQ430L1C	MH32	NC32()	NC32()HR	MH32WP	32
		NQ430L1C NQ430L2					
30		NQ430L2C	MH32	NC32 ( )	NC32()HR	MH32WP	32
40		NQ442L2					
42		NQ442L2C	MH38	NC38 ( )	NC38()HR	MH38WP	38
54	225	NQ454L2	WILIO	11030()	14030( )1111	IVII ISOVVE	
<u> </u>	L	NQ454L2C					
72[6]	-	NQ472L2 NQ472L2C	MH44	NC44 ( )	NC44()HR	MH44WP	44
	+ +	NQ472L2C NQ484L2					
84[6]		NQ484L2C	MH50	NC50 ( )	NC50()HR	MH50WP	50
20		NQ430L4					
30		NQ430L4C	MH50	NC50V ( )	NC50V()HR	MH50WP	50
42		NQ442L4	WILIO	140304 ()	14050 V ( )1111	IVII ISOVVE	30
	⊢	NQ442L4C					
54	400	NQ454L4 NQ454L4C	MH56	NC56V()	NC56V()HR	MH56WP	56
	┨	NQ454L4C NQ472L4					
72[6]		NQ472L4C	MH62	NC62V ( )	NC62V()HR	MH62WP	62
84[6]	1	NQ484L4C	MH68	NC68V ( )	NC68V()HR	MH68WP	68
30		NQ430L6C		NC50V ( )	NC50V()HR	MH62WP[7]	
42	600	NQ442L6C	MH50	.,			50/62
54	000	NQ454L6C	MH56	NC56V()	NC56V()HR	MH56WP	56
84[6]		NQ484L6C	MH68	NC68V()	NC68V()HR	MH80WP[7]	68/80

Note: All NQ Merchandised Panelboard interiors include the following: a NQFP15 bag of blank filler plates; a neutral bonding strap; an NQ information manual; a NEMA instruction booklet; and a roll of circuit numbers.

Accepts all QO(B) shown in Tables in Sections 7 and 9.

<sup>[2]</sup> Enclosure includes trim kit.

Embossed mounting holes add a 0.25-inch standoff to back of MH box. Add "F" for flush mount, "S" for surface mount. "C" suffix indicates copper bussing. [3]

<sup>[4]</sup> [5]

<sup>[6]</sup> 

Use only if the Local Jurisdiction where this panelboard interior is being applied has adopted the 2008 NEC, which allows single panelboard interiors greater than 42 circuits. When NEMA 3R, 5, or 12 enclosures are selected, an NQ12RDE kit should also be selected. See NQ Merchandised Accessories, page 9-20.

# NQ Main Circuit Breaker Interiors—240 Vac, 48 Vdc

Table 9.6: Main Circuit Breaker Interiors—Will accept plug-on and bolt-on circuit breakers

		Interior Only	Main Gine	t Broaker Adapter Kit	NEI	MA Type 1 Enclosu	ire	NEMA Type 3R, 5, 12 Enclosure [9]	
Circuit Breaker Pole Spaces	Mains Rating	(Order Branch Circuit Breakers Separately) [8]		it Breaker Adapter Kit Circuit Breaker)	Box 20 in. W x 5.75 in. D [10]	Mono-Flat™ Front	Hinged Front	Enclosure 21 in. W x 6.5in. D	Height
opuces .		Catalog No. [11]	Catalog No.	Circuit Breaker Frame Size [12]	Catalog No.	Catalog No. [13]	Catalog No.	Catalog No.	(ln.)
20-inch-wide	e Cabinet [14	]—Single Phase 3-Wire							
16[15]		NQ18L1		0-14	MH26	NC26 ( )	NC26( )HR	MH26WP	26
10[13]	100	NQ18L1C		Select QOB 2-pole or	IVII 1ZU	14020()	11020( )I IK	IVII IZOVVP	20
28[15]	back-fed	NQ30L1 NQ30L1C		QOB-VH[16]	MH32	NC32 ()	NC32()HR	MH32WP	32
	<del>                                     </del>	NQ30L1C NQ18L1	<del>-</del>	+ +					<del>-</del>
18	100	NQ18L1C	NOMBOLL	HD, HG, HJ, HL[17]	MH38	NC38 ( )	NC38()HR	MH38WP	38
30	100	NQ30L1	NQMB2HJ	100 A maximum	MH44	NC44 ( )	NC44( )HR	MH44WP	44
	100	NQ30L1C	1		IVII I <del>TT</del>			.vii 1 <del></del>	
30	225	NQ30L2 NQ30L2C	1		MH44	NC44 ()	NC44()HR	MH44WP	44
		NQ30L2C NQ42L2	1			11055 11	NOSOCCE		
42	225	NQ42L2C	NQMB2HJ	HD, HG, HJ, HL[17] or JD, JG, JJ, JL	MH50	NC50 ()	NC50()HR	MH50WP	50
72[18]	225	NQ72L2	NQMB2Q	QB,QD,QG,QJ	MH56	NC56 ( )	NC56()HR	MH56WP	56
[. ]		NQ72L2C	1				. 1000( )1110	.an iouve	
84[18]	225	NQ84L2 NQ84L2C	1		MH62	NC62 ()	NC62()HR	MH62WP	62
	<del>                                     </del>	NQ84L2C NQ30L4	NG: 17 (1)	1 4 11 154 67		NOSSILI	NOCCI (( ): :=		
30	400	NQ30L4C	NQMB4LA	LA/LH[19]	MH62	NC62V()	NC62V()HR	MH62WP	62
42	400	NQ42L4	NQMB4LA	LA/LH[19]	MH62	NC62V()	NC62V()HR	MH62WP	62
42	400	NQ42L4C	HOWDER	- verilia)	IVII IUZ	.1002 ( )		WII TOZVVE	
54	400	NQ54L4 NQ54L4C	NQMB4LA	LA/LH[19]	MH68	NC68V()	NC68V()HR	MH68WP	68
84[18]	400	NQ84L4C NQ84L4C	NQMB4LA	LA/LH[19]	MH80	NC80V ( )	NC80V()HR	MH80WP	80
		Three Phase 4-Wire					(/		
15[15]		NQ418L1	_	0-14	MH26	NC26 ( )	NC26( )HR	MH26WP	26
13[13]	100	NQ418L1C		Select QOB 3-pole or	IVIГ1∠0	14020()	11020( )FIK	IVITIZOVVP	20
27[15]	back-fed	NQ430L1	_	QOB-VH[16]	MH32	NC32()	NC32()HR	MH32WP	32
	<del>                                     </del>	NQ430L1C NQ418L1		+					
18	,,	NQ418L1C	November	HD. HG. HJ. HL	MH38	NC38 ()	NC38()HR	MH38WP	38
30	100	NQ430L1	NQMB2HJ	100 A maximum	MH44	NC44 ( )	NC44( )HR	MH44WP	44
JU	igsquare	NQ430L1C		<u> </u>	IVIГ144	INO-14 ( )	11044( )FK	IVITI44VVP	44
30		NQ430L2	1		MH44	NC44 ()	NC44()HR	MH44WP	44
	<b> </b>	NQ430L2C NQ442L2	1		_	1	· · ·	<del> </del>	<del> </del>
42		NQ442L2 NQ442L2C	1			11055 11	Nosacce		
54	225	NQ454L2	NQMB2HJ	HD, HG, HJ, HL or JD, JG,	MH50	NC50 ( )	NC50()HR	MH50WP	50
54	225	NQ454L2C	NQMB2Q	JJ, JL QB,QD,QG,QJ				ļ	
72		NQ472L2	1		MH56	NC56 ()	NC56()HR	MH56WP	56
	<b> </b>	NQ472L2C NQ484L2	1				.,,		
84		NQ484L2C	1		MH62	NC62 ( )	NC62()HR	MH62WP	62
30		NQ430L4		†					İ
30	] [	NQ430L4C	NQMB4LA	LA/LH[19]	MH62	NC62V()	NC62V()HR	MH62WP	62
42	-	NQ442L4		1.41.73		//	,		
	400	NQ442L4C NQ454L4	1	<del> </del>				ļ	<del>                                     </del>
54	400	NQ454L4C	NQMB4LA	LA/LH[19]	MH68	NC68V()	NC68V()HR	MH68WP	68
72[18]	]	NQ472L4	NQMB4LA	LA/LH[19]	MH74	NC74V()	NC74V()HR	MH74WP	74
	] [	NQ472L4C				, ,	.,		
84[18]	1	NQ484L4C	NQMB4LA	LA/LH[19]	MH80	NC80V()	NC80V()HR	MH80WP	80
Note: All NQ	≀ Merchandis	ed Panelboard interiors	include the following	g: a NQFP15 bag of blank filler	r piates; a neutral bond	nng strap; an NQ in	tormation manual; a N	NEMA instruction bo	okiet; and a

Note: All NQ Merchandised Panelboard interiors include the following: a NQFP15 bag of blank filler plates; a neutral bonding strap; an NQ information manual; a NEMA instruction booklet; and a roll of circuit numbers.

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<sup>[8]</sup> Accepts all QO(B) shown in Tables in Sections 7 and 9.

<sup>[9]</sup> [10] Enclosure includes trim kit.

Embossed mounting holes add a 0.25 inch standoff to back of MH box.

<sup>&</sup>quot;C" suffix indicates copper bussing. [11]

Circuit breaker interrupt ratings, see the tables starting on Table 7.46 PowerPact Interrupting Ratings, page 7-31. [12]

<sup>[13]</sup> Add "F" for flush mount, "S" for surface mount.

For the NQ14-inch-wide panelboard offer, See NQ 14-inch-wide—240 Vac, 48 Vdc, page 9-13.

<sup>[15]</sup> Pole spaces shown are available for branch circuits, with spaces deducted for the back fed main breaker.

<sup>[16]</sup> QOB2150VH takes four pole spaces; all other QOB two pole circuit breakers take two pole spaces. NOTE: Do not select a back-fed main for panels to be "Suitable for use as UL service equipment."

For single phase applications, order a 3-pole breaker. Example: HDL36100. *[17]* 

Use only if the Local Jurisdiction where this panelboard interior is being applied has adopted the 2008 NEC, which allows single panelboard interiors greater than 42 circuits. [18]

<sup>[19]</sup> For 250 A-400 A applications, order short handle circuit breaker (i.e., LAL36400MB).



# **NQ Factory Assembled Panelboards**

NQ Feed-Through Lug Data and Common Features

# **Factory Assembled Main Circuit Breakers**

400 A and 600 A panelboards, 1Ø or 3Ø

Table 9.15: NQ Panelboard Factory Assembled Interiors - 240 Vac / 48 Vdc Max

	Single Phase or Three Phase								
Ma	ains Rating (Am	os)	Max. Number	Mary Normalism		x Depth			
Main Lugs Only	Main Circuit Breaker[48]	Main Switch [48]	of One-Pole Circuit Breakers	Bus Material	Main Lugs Only	Main Circuit Breaker / Switch			
100 Max	15–100	70–100	18, 30	Al, Cu	5.75 in.	5.75 in.			
225 Max	15–250	110–250	30, 42, 54, 72, 84	Al, Cu	5.75 in.	5.75 in.			
400 Max	125–400	300–400	30, 42, 54, 72 [49], 84[50]	Al, Cu	5.75 in.	5.75 in. / 8.75 in.[51]			
600 Max	125–600	450–600	30, 42, 54, 72 [49], 84	Cu	5.75 in.	8.75 in.[51]			

Table 9.16: Main Circuit Breaker (PowerPact L-frame - see TablesTable 7.46 PowerPact Interrupting Ratings, page 7-31 and Table 7.47 Common Catalog Numbering System, page 7-31)

Nulliber of Foles	Trip Offic Options	France Sizes	Ampacity			
3	LI, LSI, Switch	LD, LG, LJ, LL	70–600 A			
LA/LH PowerPact H, J, and Q-frame circuit breakers are also available - see Tables						

LA/LH PowerPact H, J, and Q-frame circuit breakers are also available - see Tables Table 7.46 PowerPact Interrupting Ratings, page 7-31 and Table 7.47 Common Catalog Numbering System, page 7-31 and Supplemental Digest Section 3.

Table 9.17: PowerPact L Main Circuit Breaker Cabinet Data

Max. No. of Branch Spaces	Box Height (20 in. W x 8.75 in. D)			
(Does not include sub-feed circuit breaker spaces)	400 A	<b>600 A</b> [52]		
30	62	62		
42	62	62		
54	68	68		
84	80	80		

#### **Sub-feed Circuit Breakers**

Main lugs or main circuit breaker interior—1Ø or 3Ø.

Maximum 1 circuit breaker per 225 A main lug or 250 A main circuit breaker panelboard, 2 circuit breakers per 400–600 A panelboard.

Table 9.18: Sub-feed Circuit Breaker (PowerPact Q-frame - see TablesTable 7.46 PowerPact Interrupting Ratings, page 7-31 and Table 7.47 Common Catalog Numbering System, page 7-31)

No. of Poles	Ampacity
2	110–225 A
3	110–225 A
Space Only	110–225 A

PowerPact H, J, & L frame circuit breakers are also available - see Tables Table 7.46 PowerPact Interrupting Ratings, page 7.31 and Table 7.47 Common Catalog Numbering System, page 7.31

Table 9.19: Sub-feed Circuit Breaker Cabinet Data

Max. No. of Branch Spaces	Box Height (20 in. W x 5.75 in. D)					
(Does not include	225 A 250 A 400 A		600 A			
sub-feed circuit breaker spaces)	Main Lug	Main Circuit Breaker	Main Lug	Main Circuit Breaker	Main Lug	Main Circuit Breaker
30	50	62	74	86	74	
42	56	68	74	86	80	Not
54	56	68	80	_	80	available
72	62	74	86	_	86	with MCE
84	68	80	_	_	_	

# Sub-feed Lugs

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

Table 9.20: Sub-feed Wire Range Per Phase

	Cum room ring ramings ron ring	
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 9.21: Sub-feed Lug Cabinet Data

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

<sup>[48]</sup> Factory Assembled Interiors are rated for trip current of Main Breaker / Switch.

<sup>[49]</sup> Three Phase only.

<sup>[50]</sup> Copper only.

<sup>[51]</sup> Deep Box required for PowerPact L Main Circuit Breaker or Switch.

<sup>[52] 600</sup> A PowerPact L not available in non-vented (NEMA Type 3R, 5, 12, or 4/4X) applications

# Refer to NQ Panelboards

# **NQ Merchandised Accessories**

#### **Table 9.38: NQ Merchandised Neutrals**

Mains	200% N	Copper 100% Neutral Kit				
Ampacity	Catalog No.	Box Add	Schedule	Catalog No.	Box Add	Schedule
100	NQNL1		DE 44	NQN1CU	and add an	DE 44
225	NQNL2 or NQNL2ACCY[59]	no adder	no adder PE-1A	NQN2CU	no adder	PE-1A
400	NQNL4[60]	no adder	PE-1A	NQN6CU	no adder	PE-1A
600	Not Av	railable		NQN6CU	no adder	FE-IA

# Table 9.39: NQ Merchandised Sub-feed Lugs, Feed-through Lugs and Sub-feed Breakers

Mains Ampacity	Sub-feed Lugs (N/A in Main Circuit Breaker Interiors)		Feed-through Lugs		Sub-feed Circuit Breaker Kits (breaker not incl.)				
					Single SFB		Two SFB		
	Catalog No. Schedule		Catalog No.	Schedule	Catalog No.	Schedule	Catalog No.	Schedule	
100 A	NQSFL1	PE-1A	100 A not available; use 225 A interior	_	_	ı	_	_	
005.4	NQSFL2	PE-1A	NQFTL2L[61]	PE-1A	NQSFB2Q or NQSFB2HJ	PE-1A	_		
225 A	NQSFLZ		NQFTL2H[62]						
400 A	NQSFL4	PE-1A	NQFTL4L[61]	PE-1A	Use the 2 SFB kit	_	NQSFB4Q or NQSFB4HJ	PE-1A	
			NQFTL4H[62]					PE-1A	
600 A	Use FTL		Factory Assembled Only						

NOTE: See Table 9.40 and Table 9.41.

# Table 9.40: Box Selection Table: Merchandised NQ Main Lug Panelboards with Accessories

Feature Circuits	Sub-feed Lugs			Feed-through Lugs				Sub-feed Circuit Breakers				
	100 A	225 A	400 A	600 A	100 A	225 A	400 A	600 A	100 A	225 A (one)	400 A (two)	600 A (two)
18	MH26	_	_	Use FTL	_	_	_	Factory Asssembled Only			_	Factory Asssembled Only
30	MH32	MH38	MH50	Use FTL	Use 225A Interior	MH38	MH50		_	MH50	MH74	
42	_	MH44	MH50	Use FTL		MH38	MH56			MH56	MH74	
72	_	MH50	MH62	Use FTL		MH50	MH68			MH62	MH86	
84	_	MH56	MH68	Use FTL		MH56	MH68		_	MH68	[63]	

# Table 9.41: Box Selection Table: Merchandised NQ Vertically Mounted Main Breaker Panelboards w/ Accessories

Feature Circuits		Feed-throu	gh Lugs		Sub-feed Circuit Breakers				
	100 A	225 A	400 A	600 A	100 A	225 A (one)	400 A (two)	600 A (two)	
18	ı	_	_		_	_	_		
30	-	MH50	MH62	Factory Asssembled Only	_	MH62	MH86	Factory Asssembled	
42	ı		MH68		_	MH68	MH86		
72	I	MH62	MH80		_	MH74	[63]	Only	
84		MH68	MH80		_	MH80	[63]		

NOTE: See Table 9.44 NQ SurgeLogic SurgeLoc Plug-on SPD, page 9-22

# Table 9.42: NQ Optional Lugs

Ampacity	AL Compre	ssion Lug Kit	CU Mec	hanical Lug Kit	CU Compression Kit		
	Catalog No.	Lug Wire Range	Catalog No.	Lug Wire Range	Catalog No.	Lug Wire Range	
100	NQALV1	one #8-1/0 AWG	NQCUM1	one #6-2/0 AWG	NQCUV1	one #6-1/0 AWG	
225	NQALV2	one #4-300 kcmil	NQCUM2	one #6-250 kcmil	NQCUV2	one 2/0-300 kcmil	
400	NQALV4	two 2/0-500 kcmil	NQCUM4	one 1/0–750 kcmil two 1/0–350 kcmil	NQCUV4	one 400–700 kcmil	
600	NQALV6	two 2/0-500 kcmil	NQCUM6	one 1/0–750 kcmil two 1/0–350 kcmil	NQCUV6	two 250-500 kcmil	

[59] For 225A panel with SFL, FTL, or SFB, use NQNL2ACCY (enclosure size increases by 6 inches). Otherwise, use NQNL2.

[60] Not to be used with SFL, FTL, or SFB. These combinations are factory assembled only.

[61] The final character L indicates the kit is used for Low circuit count interiors 30 and 42.

[62] The final character H indicates the kit is used for High circuit count interiors 54, 72, and 84.

[63] Requires box longer than available box offer.