

Table 13.21 NQOD Accessories^[13.21] (cont'd.)

Description	Catalog No.	Schedule
● Handle padlock attachment - 1-pole	QO1PA	DE2E
● 2- and 3-pole	QO1PL	DE2E
● Combination handle tie and lock-off for three 1-pole (QO, QOB)	QO3HT	DE2E
Neutral or Ground Lugs: #10 to #2 Al or #14 to #4 Cu	QO70AN	DE2E
● #4 to #1/0 Al/Cu	Q1100AN	DE2E
● #1 to #4/0 Al/Cu	Q1150AN	DE2E
Endwalls for MH Boxes		
● Blank	8011010501	PE1A
● With Knockouts	8011010401	PE1A
Elevating Nuts (4 required)	2322000003	PE1A

NQOD 20-inch Wide Main Circuit Breaker Interiors and Adapter Kits

Table 13.22: Main Circuit Breaker Interiors—Accepts plug-on and bolt-on circuit breakers

Max. No. of One-pole QO™/ QOB Circuit Breakers	Mains Rating	Main Circuit Breaker Adapter Kit	Interior Only (Order Branch Circuit Breakers Separately)	Type 1 Enclosure		Types 3R, 5, 12 Enclosures <i>[15]</i>	
				Box 20"W x 5.75"D <i>[16]</i>	Mono-Flat™ Front <i>[16]</i>	Enclosure 20"W x 6.5"D	Height (In.)
		Catalog No.	Catalog No. <i>[17]</i>	Catalog No.	Catalog No.	Catalog No.	
20" Wide Cabinet—Single Phase 3-Wire							
20	100	Factory Installed Backfed QOB Main Circuit Breaker	NQOD20M100CU	MH26	MHC26 ()	MH26WP	26
30	225	NQODQB or NQODJK	NQOD30L225CU	MH44	MHC44 ()	MH44WP	44
42			NQOD42L225CU	MH50	MHC50 ()	MH50WP	50
42			NQOD42L225CUTF <i>[18]</i>	MH56	MHC56 ()	MH56WP	56
54			NQOD54L225CU	MH56	MHC56 ()	MH56WP	56
30	400	NQOD4	NQOD30L400CU	MH65	MHC65V ()	MH65WP	65
42			NQOD42L400CU	MH68	MHC68V ()	MH68WP	68
42			NQOD42L600TFL <i>[18]</i>	MH77	MHC77V ()	MH77WP	77
54			NQOD54L400CU	MH74	MHC74V ()	MH74WP	74
20" Wide Cabinet—Three Phase 4-Wire							
24	100	Factory Installed Backfed QOB Main Circuit Breaker	NQOD424M100CU	MH26	MHC26 ()	MH26WP	26
30			NQOD430M100CU	MH29	MHC29 ()	MH29WP	29
30	225	NQODQB or NQODJK	NQOD430L225CU	MH44	MHC44 ()	MH44WP	44
42			NQOD442L225CU	MH50	MHC50 ()	MH50WP	50
42			NQOD442L225CUTF <i>[18]</i>	MH56	MHC56 ()	MH56WP	56
54			NQOD454L225CU	MH56	MHC56 ()	MH56WP	56
30	400	NQOD4	NQOD430L400CU	MH65	MHC65V ()	MH65WP	65
42			NQOD442L400CU	MH68	MHC68V ()	MH68WP	68
42			NQOD442L600TFL <i>[18]</i>	MH77	MHC77V ()	MH77WP	77
54			NQOD454L400CU	MH74	MHC74V ()	MH74WP	74

Table 13.23: Main Circuit Breaker Adapter Kits (Less Circuit Breaker)

Amperes	Catalog Number	Circuit Breaker Frame ^[19]
225	NQODQB	QBL, QDL, QGL, QJL
225	NQODJK	JDL, JGL, JJL, JLL, KIL
400	NQOD4	LAL, LHL, Q4L

NQOD 14-inch Wide Main Lug and Circuit Breaker Interiors

Table 13.24: Main Lug Interiors—Accepts plug-on and bolt-on circuit breakers

Max. No. of Single Pole QO™/QOB Circuit Breakers	Mains Rating	Interior Only (Order Branch Circuit Breakers Separately)	Type 1 Enclosure		Types 3R, 5, 12 Enclosures	
			Box 14 in. W x 5.75 in. D [20]	Mono-Flat™ Front [21]	Enclosure 20 in. W x 6.5 in. D	Height (In.)
		Catalog No. [22]	Catalog No.	Catalog No.	Catalog No.	
14-inch Wide Cabinet—Single Phase 3-Wire						
12	100	NQOD12L100CU	NQB520	NQC20 ()	Use 20-inch Wide Enclosure for Types 3R, 5, 12	20
20		NQOD20L100CU	NQB523	NQC23 ()		23
30	225	NQOD30L225CU	NQB532	NQC32 ()	Use 20-inch Wide Enclosure for Types 3R, 5, 12	32
42		NQOD42L225CU	NQB535	NQC35 ()		35
54		NQOD54L225CU	NQB541	NQC41 ()		41
14-inch Wide Cabinet—Three Phase 4-Wire						
12	100	NQOD412L100CU	NQB520	NQC20 ()	Use 20-inch Wide Enclosure for Types 3R, 5, 12	20
24		NQOD424L100CU	NQB523	NQC23 ()		23

[15] Enclosure includes trim kit.

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

[17] "CU" suffix indicates copper bussing. NQOD RTI interiors with aluminum bus are no longer available. Order the copper bussed equivalent with a "CU" suffix when ordering a replacement interior.

[18] Feed-thru lug interior.

[19] Circuit breaker interrupting ratings, see tables starting on Digest [The PowerPact Advantage](#), page

[20] 14-inch wide cabinets accept 100 A max. branch circuit breakers.

[21] Add "F" for flush, "S" for surface.

[22] "CU" suffix indicates copper bussing. NQOD RTI interiors with aluminum bus are no longer available. Order the copper bussed equivalent with a "CU" suffix when ordering a replacement interior.

Table 13.28: Main Circuit Breaker Interiors

Max. No. of Single Pole QO/QOB Circuit Breakers	Mains Rating	Main Circuit Breaker Adapter Kit [28]	Main Lugs Interior Only (Order Branch Circuit Breakers Separately)	Type 1 Enclosure		Types 3R, 5, 12 Enclosures [29]	
		Catalog No.	Catalog No. [31]	Box 20"W x 5.75"D	MONO-FLAT Front [30]	Enclosure 20"W x 6.5"D	Height (In.)
				Catalog No.	Catalog No.	Catalog No.	
20" Wide Cabinet—3 Phase 4-Wire							
30	100	QOB Main Circuit Breaker	NQOD430M100CUNL	MH32	MHC32 ()	MH32WP	32
42	225	NQODJK NQODQB	NQOD442L225CUNL	MH50	MHC50 ()	MH50WP	50
42	400	NQOD4	NQOD442L400CUNL	MH68	MHC68V ()	MH68WP	68

Table 13.29: Main Circuit Breaker Adapter Kits (Less Circuit Breaker) [28]

Amperes	Catalog Number	Circuit Breaker Frame [32]
225	NQODQB	QBL, QDL, QGL, QJL
225	NQODJK	JDL, JGL, JLL, JLL, KIL
400	NQOD4	LAL, LHL

Table 13.30: NQOD Main Neutral Conductors—Required Size and Quantity [33]

Panelboard Ampacity	Neutral Conductors Required [34]	Actual Lug Wire Range
100/125	(2) 1/0 Cu or Al	(2) #4–300 kcmil
225	(2) 4/0 Cu or (2) 300 kcmil Al	(2) #4–300 kcmil
400	(4) 3/0 Cu or (4) 250 kcmil Al (2) 600 kcmil Cu (2) 750 kcmil Al	(2) 1/0–300 kcmil or (1) 750 kcmil

[28] Order main circuit breaker separately

[29] Enclosure includes trim kit.

[30] Add "F" for flush, "S" for surface.

[31] "CU" suffix indicates copper bussing. NQOD RTI interiors with aluminum bus are no longer available. Order the copper bussed equivalent with a "CU" suffix when ordering a replacement interior.

[32] Main neutral conductors must be copper or aluminum conductors of minimum size and quantity shown to maintain UL Listing. Requirement is based on heat rise testing.

[33] Neutral conductors must be of size and quantity per table above.

[34] Main neutral conductors must be copper or aluminum conductors of minimum size and quantity shown to maintain UL Listing. Requirement is based on heat rise testing.