

NQOD to NQ 240 Volt Lighting Panelboard Catalog Number Comparison Class 1630, 1640

This data bulletin provides a comparison of the catalog numbers for NQOD and NQ panelboards, kits, and accessories.

NOTE:

- NQOD and NQ components are not interchangeable.
- For a backfed, main circuit breaker interior, select an NQ Main Lug Only interior plus a field-installed, branch-mounted, main circuit breaker.
- Many of the kits (Tables 4 through 11) require a longer enclosure; please consult the Digest for enclosure dimensions.

Table 1: Main Lug Only Panelboards—Single-Phase, Three-Wire

Existing NQOD				New NQ			
Interior	Type 1		Types 3R, 5, 12	Interior	Type 1		Types 3R, 5, 12
	Box	Mono-Flat Front ¹	Weatherproof Enclosure		Box	Mono-Flat Front ¹	Weatherproof Enclosure
NQOD12L100CU	MH20	MHC20()	MH20WP	NQ18L1C	MH26	NC26()	MH26WP
NQOD20L100	MH23	MHC23()	MH23WP	NQ18L1	MH26	NC26()	MH26WP
NQOD20L100CU	MH23	MHC23()	MH23WP	NQ18L1C	MH26	NC26()	MH26WP
New for NQ				NQ30L1	MH32	NC32()	MH32WP
New for NQ				NQ30L1C	MH32	NC32()	MH32WP
NQOD30L225	MH32	MHC32()	MH32WP	NQ30L2	MH32	NC32()	MH32WP
NQOD30L225CU	MH32	MHC32()	MH32WP	NQ30L2C	MH32	NC32()	MH32WP
NQOD42L225	MH35	MHC35()	MH35WP	NQ42L2	MH38	NC38()	MH38WP
NQOD42L225TFL	MH41	MHC41()	MH41WP	NQ42L2+NQFTL2L	MH38	NC38()	MH38WP
NQOD42L225CU	MH35	MHC35()	MH35WP	NQ42L2C	MH38	NC38()	MH38WP
NQOD42L225CUTFL	MH41	MHC41()	MH41WP	NQ42L2C+NQFTL2L	MH38	NC38()	MH38WP
NQOD54L225	MH41	MHC41()	MH41WP	Factory assembled only			
NQOD54L225CU	MH41	MHC41()	MH41WP	Factory assembled only			
NQOD72L225 ²	MH47	MHC47()	MH47WP	NQ72L2	MH44	NC44()	MH44WP
NQOD72L225CU ²	MH47	MHC47()	MH47WP	NQ72L2C	MH44	NC44()	MH44WP
NQOD84L225 ²	MH50	MHC50()	MH50WP	NQ84L2	MH50	NC50()	MH50WP
NQOD84L225CU ²	MH50	MHC50()	MH50WP	NQ84L2C	MH50	NC50()	MH50WP
NQOD30L400	MH50	MHC50V()	Use NQOD30L400CU	NQ30L4	MH50	NC50V()	Use NQ30L4C
NQOD30L400CU	MH50	MHC50V()	MH50WP	NQ30L4C	MH50	NC50V()	MH50WP
NQOD42L400	MH53	MHC53V()	Use NQOD42L400CU	NQ42L4	MH50	NC50V()	Use NQ42L4C
NQOD42L400CU	MH53	MHC53V()	MH53WP	NQ42L4C	MH50	NC50V()	MH50WP
NQOD54L400	MH59	MHC59V()	Use NQOD54L400CU	Factory assembled only			
NQOD54L400CU	MH59	MHC59V()	MH59WP	Factory assembled only			
NQOD84L400 ²	MH68	MHC68V()	MH68WP	NQ84L4	MH68	NC68V()	MH68WP
NQOD84L400CU ²	MH68	MHC68V()	MH68WP	NQ84L4C	MH68	NC68V()	MH68WP
NQOD30L600	MH53	MHC53V()	MH656WP	NQ30L6C	MH50	NC50V()	MH62WP
NQOD42L600	MH56	MHC56V()	MH686WP	NQ42L6C	MH50	NC50V()	MH62WP
NQOD42L600TFL	MH62	MHC62V()	MH746WP	Factory assembled only			
NQOD54L600	MH62	MHC62V()	MH746WP	Factory assembled only			
NQOD84L600 ²	MH68	MHC68V()	Consult factory	NQ84L6C	MH68	NC68V()	MH80WP

¹ Replace the () at the end of the catalog number with an F for flush-mount or an S for surface-mount.

² Prior to the 2008 edition of the National Electrical Code® (NEC®), circuit counts above 42 were available in Canada only.

Table 2: Main Lug Only Panelboards—Three-Phase, Four-Wire

Existing NQOD				New NQ			
Interior	Type 1		Types 3R, 5, 12	Interior	Type 1		Types 3R, 5, 12
	Box	Mono-Flat Front ¹	Weatherproof Enclosure		Box	Mono-Flat Front ¹	Weatherproof Enclosure
NQOD412L100CU	MH20	MHC20()	MH20WP	NQ418L1C	MH26	NC26()	MH26WP
NQOD424L100	MH23	MHC23()	MH23WP	NQ418L1	MH26	NC26()	MH26WP
NQOD424L100CU	MH23	MHC23()	MH23WP	NQ418L1C	MH26	NC26()	MH26WP
NQOD430L100	MH26	MHC26()	MH26WP	NQ430L1	MH32	NC32()	MH32WP
NQOD430L100NL	MH29	MHC29()	MH29WP	NQ430L1+NQNL1	MH32	NC32()	MH32WP
NQOD430L100CU	MH26	MHC26()	MH26WP	NQ430L1C	MH32	NC32()	MH32WP
NQOD430L100CUNL	MH29	MHC29()	MH29WP	NQ430L1C+NQNL1	MH32	NC32()	MH32WP
NQOD430L225	MH32	MHC32()	MH32WP	NQ430L2	MH32	NC32()	MH32WP
NQOD442L225NL	MH38	MHC38()	MH38WP	NQ442L2+NQNL2 ²	MH38	NC38()	MH38WP
NQOD430L225CU	MH32	MHC32()	MH32WP	NQ430L2C	MH32	NC32()	MH32WP
NQOD442L225CUNL	MH38	MHC38()	MH38WP	NQ442L2C+NQNL2 ²	MH38	NC38()	MH38WP
NQOD442L225	MH35	MHC35()	MH35WP	NQ442L2	MH38	NC38()	MH38WP
NQOD442L225TFL	MH41	MHC41()	MH41WP	NQ442L2+NQFTL2L	MH38	NC38()	MH38WP
NQOD442L225CU	MH35	MHC35()	MH35WP	NQ442L2C	MH38	NC38()	MH38WP
NQOD442L225CUTFL	MH41	MHC41()	MH41WP	NQ442L2C+NQFTL2L	MH38	NC38()	MH38WP
NQOD454L225	MH41	MHC41()	MH41WP	Factory assembled only			
NQOD454L225CU	MH41	MHC41()	MH41WP	Factory assembled only			
NQOD472L225 ³	MH47	MHC47()	MH47WP	NQ472L2	MH44	NC44()	MH44WP
NQOD472L225CU ³	MH47	MHC47()	MH47WP	NQ472L2C	MH44	NC44()	MH44WP
NQOD484L225 ³	MH50	MHC50()	MH50WP	NQ484L2	MH50	NC50()	MH50WP
NQOD484L225CU ³	MH50	MHC50()	MH50WP	NQ484L2C	MH50	NC50()	MH50WP
NQOD430L400	MH50	MHC50V()	Use NQOD430L400CU	NQ430L4	MH50	NC50V()	MH50WP
NQOD430L400CU	MH50	MHC50V()	MH50WP	NQ430L4C	MH50	NC50V()	MH50WP
NQOD442L400	MH53	MHC53V()	Use NQOD442L400CU	NQ442L4	MH50	NC50V()	MH50WP
NQOD442L400NL	MH53	MHC53V()	Use NQOD442L400CU	NQ442L4+NQNL4 ⁴	MH50	NC50V()	MH50WP
NQOD442L400CU	MH53	MHC53V()	MH53WP	NQ442L4C	MH50	NC50V()	MH50WP
NQOD442L400CUNL	MH53	MHC53V()	Use NQOD454L400CU	NQ442L4C+NQNL4 ⁴	MH50	NC50V()	MH50WP
NQOD454L400	MH59	MHC59V()	Use NQOD454L400CU	Factory assembled only			
NQOD454L400CU	MH59	MHC59V()	MH59WP	Factory assembled only			
NQOD472L400 ³	MH65	MHC65V()	MH65WP	NQ472L4	MH62	NC62V()	MH62WP
NQOD472L400CU ³	MH65	MHC65V()	MH65WP	NQ472L4C	MH62	NC62V()	MH62WP
NQOD484L400 ³	MH68	MHC68V()	MH68WP	NQ484L4	MH68	NC68V()	MH68WP
NQOD484L400CU ³	MH68	MHC68V()	MH68WP	NQ484L4C	MH68	NC68V()	MH68WP
NQOD430L600	MH53	MHC53V()	MH656WP	NQ430L6C	MH50	NC50V()	MH62WP
NQOD442L600	MH56	MHC56V()	MH686WP	NQ442L6C	MH50	NC50V()	MH62WP
NQOD442L600TFL	MH62	MHC62V()	MH746WP	Factory assembled only			
NQOD454L600	MH62	MHC62V()	MH746WP	Factory assembled only			
NQOD484L600 ³	MH68	MHC68V()	Consult factory	NQ484L6C	MH68	NC68V()	MH80WP

¹ Replace the () at the end of the catalog number with an F for flush-mount or an S for surface-mount.
² 225 A panelboards with 200% neutrals and Sub-feed Lugs (SFLs), Feed Through Lugs (FTLs), or Sub-feed Circuit Breakers (SFCBs) require 6 inches of additional wire bending space. Order kit # NQNL2ACCY, which includes a 6 in. rail extension. Also, order a 6 in. longer box and trim to accommodate this kit.
³ Prior to the 2008 edition of the National Electrical Code® (NEC®), circuit counts above 42 were available in Canada only.
⁴ For 200% neutrals with SFLs, FTLs, or SFCBs, order factory assembled.

Table 3: NQ Merchandised Interiors with TVSS—Three-Phase, Four-Wire

New NQ							
Mains Rating	Circuits	Voltage	Surge Rating	Interior ¹	Type 1		Types 3R, 5, 12
					Box	Mono-Flat Front ²	Weatherproof Enclosure
225 A	30	208Y/120 3P4W	120	NQ430L2TVS212	MH 50	NC50()	MH50WP
			160	NQ430L2TVS216	MH 50	NC50()	MH50WP
	42		120	NQ442L2TVS212	MH 56	NC56()	MH56WP
			160	NQ442L2TVS216	MH 56	NC56()	MH56WP
	72		120	NQ472L2TVS212	MH 62	NC62()	Not available
			120	NQ442L4TVS212	MH 68	NC68V()	MH68WP
400 A	42		160	NQ442L4TVS216	MH 68	NC68V()	MH68WP
			120	NQ472L4TVS212	MH 80	NC80V()	Not available
	72						

¹ For copper bussing, add a "C" to the end of the catalog number, for example NQ430L2TVS212C.

² Replace the () at the end of the catalog number with an F for flush-mount or an S for surface-mount.

Table 4: Main Circuit Breaker Kits (Circuit Breaker not included)

Amperes	Circuit Breaker Frame	Catalog Number	
		Existing NQOD	New NQ
100	H: 100 A max.	New for NQ	NQMB2HJ
225	H: 150 A max.; J: 225 A max.	New for NQ	NQMB2HJ
225	QBL, QDL, QGL, QJL	NQODQB	NQMB2Q
225	JDL, JGL, JJL, JLL	NQODJK	NQMB2HJ
225	KIL		NQMB2KI
400	LAL, LHL, Q4L	NQOD4	NQMB4LA

Table 5: Sub-feed Lugs (SFLs) Kits MLO 1Ø or 3Ø (Replaces Main Lugs)

Amperes	Catalog Number	
	Existing NQOD	New NQ
100	NQOD100SFL	NQSFL1
225	NQOD225SFL	NQSFL2
400	New for NQ	NQSFL4

Table 6: Branch Mounted, Bolt-on, Sub-feed Lugs

Poles	Catalog Number	
	Existing NQOD	New NQ
2	QOB2125SL	QOB2125SL
3	QOB3125SL	QOB3125SL

Table 7: Feed Through Lugs (FTLs)

Amperes	Circuits	Catalog Number	
		Existing NQOD	New NQ
225	30 or 42	New for NQ	NQFTL2L
	72 or 84		NQFTL2H
400	30 or 42		NQFTL4L
	72 or 84		NQFTL4H

Table 8: Copper 100% Neutral Kits

Amperes	Catalog Number	
	Existing NQOD	New NQ
100	New for NQ	NQN1CU
225		NQN2CU
400/600		NQN6CU ¹

¹ Not for use with 600 A Sub-feed Lugs (SFLs), Feed Through Lugs (FTLs), or Sub-feed Circuit Breakers (SFCBs).

Table 9: 200% Neutral Kits

Amperes	Catalog Number	
	Existing NQOD	New NQ
100	New for NQ	NQNL1
225		NQNL2 or NQNL2ACCY ¹
400		NQNL4 ²

¹ Panelboards with SFLs, FTLs, or SFCBs require 6 inches of additional wire bending space. Order kit # NQNL2ACCY, which includes a 6 in. rail extension. Also, order a 6 in. longer box and trim to accommodate this kit.

² Not for use with SFLs, FTLs, or SFCBs. These combinations are factory assembled only.

Table 10: Sub-feed Circuit Breaker (SFCB) Kits (Circuit Breaker not included)

Amperes	Catalog Number		
	Existing NQOD	New NQ	
		Single SFCB	Two SFCBs
225	New for NQ	NQSFB2Q or NQSFB2HJ	N/A
400		Use the appropriate 2 SFCB kit	NQSFB4Q or NQSFB4HJ

Table 11: Optional Main Lug Kits for NQ MLO Panelboards

Ampacity	AL Compression Lug Kit		CU Mechanical Lug Kit		CU Compression Lug Kit	
	Existing NQOD	New NQ	Existing NQOD	New NQ	Existing NQOD	New NQ
100	New for NQ	NQALV1	New for NQ	NQCUM1	New for NQ	NQCUV1
225		NQALV2		NQCUM2		NQCUV2
400		NQALV4		NQCUM4		NQCUV4
600		NQALV6		NQCUM6		NQCUV6

Table 12: NQ Accessories

Description	Catalog Number	
	Existing NQOD	New NQ
Filler plate	QOFP	NQFP15
Equipment ground bar	PK9GTA–PK27GTA	PK27GTA
Copper equipment ground bar	New for NQ	PK27GTACU
6-in. rail extension		NQ6RDE
12-in. rail extension		NQ12RDE
18-in. rail extension		NQ18RDE
24-in. rail extension		NQ24RDE

Table 13: Column-Width Panelboards—Single-Phase, Three-Wire and Three-Phase, Four-Wire

Existing NQOD		New NQ	
Interior and Box	Front Surface Mount	Interior and Box	Front Surface Mount
NQOB8453032	LX45TS	NQ830L2C	LX45TS
NQOB8402031M	LX40TS	NQ820B1C	LX40TS
NQOB8403041	LX40TS	NQ8430L1C	LX40TS
NQOB8584242	LX58TS	NQ8442L2C	LX58TS
NQOB8453041M	LX45TS	NQ8430B1C	LX45TS
NQOB8624242M	LX62TS	NQ8442B2C	LX62TS

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