

QMB Fusible Panelboards

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Table 13.1: QMB Main Lugs Interiors, Boxes and Fronts

Total Branch Unit Mounting Space (Inches)	Ampere Rating of Mains	\$ Price Interior, Front and Box (less units)	Component Selection						Box Height (inches)	Box Width (inches)
			Interior Assembly—3-pole with Main Lugs		Front (4-piece Standard)		Box			
			Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price		
60	225	3478.	QMB60902	2631.	QM38902TS	590.	QM3890B	257.	90	38
45	400	3954.	QMB45754	2894.	QM38756TS	803.	QM3875B		75	
45	600	4484.	QMB45756	3540.	QM38756TS	687.	QM3875B			
45	800	5448.	QMB45908	4304.	QM38908TS	887.	QM3890B	257.	90	38
45	1200	6313.	QMB459012	5169.	QM389012TS		QM3890B			
60	600	6093.	QMB60906	4949.	QM38906TS		QM3890B			

Table 13.2: QMB Main Switch Interiors, Boxes and Fronts

Total Branch Unit Mounting Space (inches)	Ampere Rating of Mains	Maximum Voltage (ac)	\$ Price Interior, Front and Box (less units)	Component Selection						Box Height (inches)	Box Width (inches)
				Interior Assembly—3-pole with Main Switch		Front (4-Piece Standard)		Box			
				Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price		
51	200	240	4551.	QMB5190324M	3704.	QM38902TS	590.	QM3890B	257.	90	38
45	400		10173.	QMB4590325M	9029.	QM38906TS	887.	QM3890B			
	600		12118.	QMB4590326M	10974.						
51	200	600	5332.	QMB5190364M	4485.	QM38902TS	590.	QM3890B	257.	90	38
45	400		10834.	QMB4590365M	9690.	QM38906TS	887.	QM3890B			
	600		12940.	QMB4590366M	11796.						

Table 13.3: Accessories

Blanks			Solid Neutral Assembly		
Height	Catalog No.	\$ Price	Ampere Rating	Catalog No.	\$ Price
1.5	QMB1BLW	75.	225	QMB2SN	380.
3	QMB3BLW	80.	400	QMB4SN	477.
6	QMB6BLW	87.	600	QMB6SN	599.
15	QMB15BLW	120.	800	QMB8SN	969.
—	—	—	1200	QMB12SN	1545.

Note: Equipment Ground Bar—PK32DGT, price: \$104.00

Table 13.4: QMB Branch Circuit Breaker Units
600 Vac

Unit Ampere Rating	Unit Height (Inches)	Catalog No.	\$ Price	Description
15–100	6	QMBHW ▲ ■	1965.	Mounts (1) or (2) 3-pole HDL circuit breakers
110–225	6	QMBJW ▲ ♦	2099.	Mounts (1) 3-Pole JDL circuit breaker
400	7.5	QMB3400LAW ★	5445.	Includes (1) 3-Pole LAL circuit breaker

- ▲ Circuit breakers not included. Order HDL or JDL circuit breakers from Digest page 7-22.
 ■ Order one catalog number S37444 for each circuit breaker.
 ♦ Order catalog number S37445 with QMBJW.
 ★ For trip ratings other than 400 A, contact your nearest Schneider Electric sales office.

QMB Layout Information

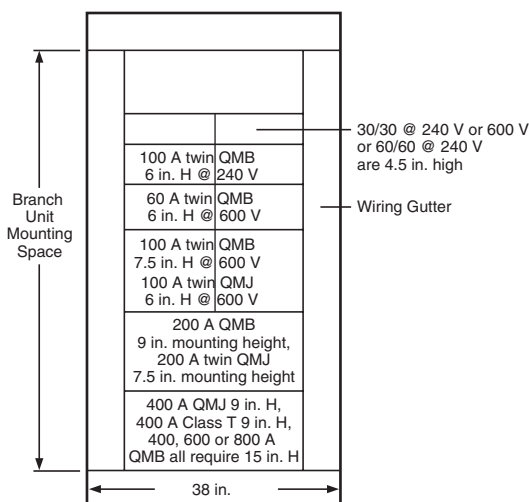


Table 13.1: Main Switch Replacement Units (Replaces Series E1)

Ampere Rating	Standard—Class H, R, K Fuse Spacing		Class T Fuse Spacing		Class J Fuse Spacing	
	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price
3-Pole, 240 Vac						
100	QMB323MW	2208.	—	—	—	—
200	QMB324MW	2208.	—	—	—	—
400	QMB325MW	6923.	—	—	—	—
600	QMB326MW	8561.	—	—	—	—
800	—	—	—	—	—	—
3-Pole, 600 Vac						
100	QMB363MW	2891.	—	—	—	—
200	QMB364MW	2891.	—	—	—	—
400	QMB365MW	7616.	{ QMB365MW▲	7616.	{ QMB365MW▲	7616.
			QMB400T6	275.	QMB400J	530.
600	QMB366MW	9417.	{ QMB366MW▲	9416.	{ QMB366MW▲	9416.
			QMB600T6	291.	QMB600J	591.
800	QMB367MW	16974.	{ QMB367MW▲	16974.	—	—
			QMB800T6	701.	—	—

▲ Both catalog numbers are required for a complete device.

Example: { QMB365MW
QMB400T6 constitutes a complete device.

Table 13.2: Main Switch Interior Lug Data

Mechanical Lugs				VCEL Compression Lugs			
Mains Ampere Rating	Conductors Per Phase	Wire Range Wire Bending Space per NEC Table 373-6	Lug Wire Range	Conductors Per Phase	Wire Range Wire Bending Space per NEC Table 373-6	Catalog No.	Lug Wire Range
200	(1)	#6–300 kcmil Al or Cu	#6–300 kcmil Al or Cu	(1)	#4–300 kcmil Al or Cu	VCEL030516H1	#4–300 kcmil Al or Cu
400	(2)	3/0–500 kcmil Al or Cu	3/0–600 kcmil Al or Cu	(2)	2/0–600 kcmil Al or Cu	VCEL05012H1	2/0–500 kcmil Al or Cu
						VCEL06012H1	400–600 kcmil Al or Cu
						VCEL07512H1	500–750 kcmil Al
600	(2)	3/0–500 kcmil Al or Cu	3/0–600 kcmil Al or Cu	(2)	2/0–500 kcmil Al or Cu	VCEL05012H1	3/0–500 kcmil Al or Cu
800■	(3)	3/0–500 kcmil Al or Cu	3/0–600 kcmil Al or Cu	(3)	2/0–500 kcmil Al or Cu	VCEL05012H1	3/0–500 kcmil Al or Cu

■ Factory assembled only.

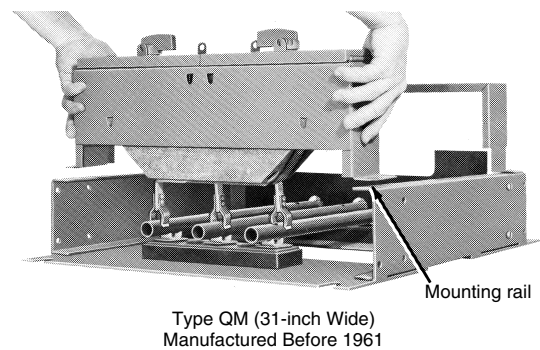
Guidelines

STEP 1: Determine the panelboard interior type. If the date of manufacture is not known, compare your switch with the pictures below to determine the mounting rail direction. Only mounting rails that face outward will accept the Series D2 switch and its required mounting rail extension bracket.

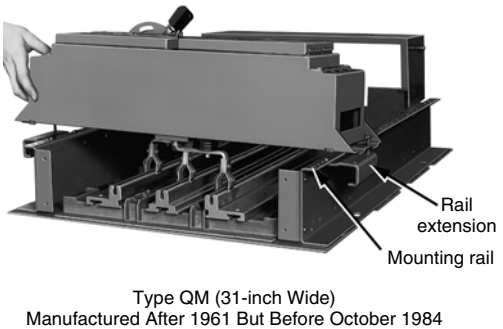
STEP 2: Order a replacement switch from page 13-5.

Table 13.1: Panelboard Interiors

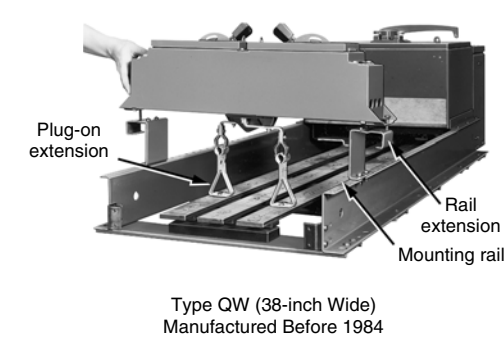
Illustration No.	Interior Catalog No. Prefix	Designed For Switch Type	Switch Availability/Order Information
1.	Type QM in 31-inch wide box built before 1961.	Series 1-4 30-200 A Maximum	NOT AVAILABLE Series D2 switches are not compatible replacements for this application.
2.	Type QM in 31-inch wide box built after 1961 and before 1984.	Series 1-4 30-200 A Maximum Series D2 30-200 A Maximum	NOT AVAILABLE Order Series D2 switch from page 13-5. Order Series D2 switch from page 13-5. (Many still stocked in DS.)
3.	Type QW in 38-inch wide box built before 1984.	Series 1-4 30-200 A Maximum Series 1-4 400-600 A Series D2 30-200 A Maximum	NOT AVAILABLE Order Series D2 switch and plug-on extension assembly from page 13-5. NOT AVAILABLE QMB3400LA available order only from Lexington. Order Series D2 switch and plug-on extension assembly from page 13-5.
4.	Type QMB in 35-inch or 38-inch wide box built after 1984.	Series E1 or E2 30-800 A	Order from Digest page 9-34.



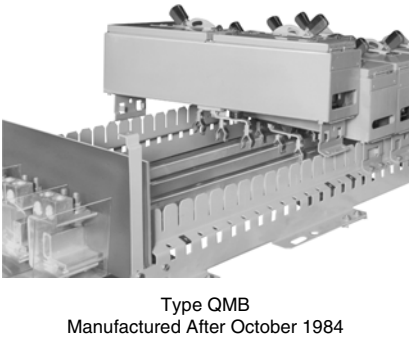
Panelboards manufactured before 1961 have the interior mounting rails facing inward (toward the bus). Switches and circuit breakers that fit in this interior type are obsolete.



Panelboards manufactured after 1961 have the interior mounting rails facing outward (away from the bus). This interior accepts Series 1-4 switches and Series D2 switches (shown above with required rail extensions). Order the Series D2 switch (includes mounting rail extensions) from page 13-5.



Type QW panelboards were built to accept bolt-on 400 A and 600 A Series 1-4 switches. 30-200 A Series D2 switches may be installed as shown using the plug-on extension assembly from page 13-5.



Series E1 panelboards will accept only Series E1 or E2 switches. Order from Digest page 9-34.

30–200 A Obsolescent Switch Units—Series D2

Available In DS Stock, except where noted.

All Series D2 switches require that rail extension assemblies be attached to the interior side rails in order to mount the switch. These rail extension assemblies are packaged with every Series D2 switch. If a rail extension is lost or missing, contact your nearest Schneider Electric sales office to order a replacement.

Plug-on extension assemblies must also be ordered when installing 30–200 A plug-on units in blank spaces of a QW interior in the 38-inch wide box. These plug-on extension assemblies (which extend the bus) are NOT the same as the rail extension assemblies packaged with every Series D2 switch (which extend only the mounting rails).

Table 13.1: Branch Units—Three Pole

Ampere Rating	Unit Height (inches)	Obsolescent ▲ Series 1–4 Catalog No.	Replaced By Series D2 Catalog No.	\$ Price	Class R Fuse Kits		
					No. Kits Req'd.	Catalog No.	\$ Price
240 Vac							
30-30	4.50	QMB3203T	QMB321T■	1139.	2	HRK30	26.
60-60	4.50	QMB306T	QMB322TD	1187.	1	QMB36R	49.
100-100	6.00	QMB310T	QMB323TD	1808.	1	QMB100R	95.
200	9.00	QMB3220	QMB324	2393.	1	HRK1020	48.
600 Vac							
30-30	4.50	QMB3603T	QMB361T■	1763.	1	QMB36R	49.
30-30	6.00		QMB362T1				
60-60	6.00	QMB3606T	QMB362T	1763.	1	QMB60R	49.
100-100	7.50	QMB3610T	QMB363T	2795.	2	HRK1020	48.
200	9.00	QMB3620	QMB364	3297.	1		

- ▲ These switch units are no longer available; the catalog number is provided only for cross referencing to Series D2 units.
- When this Series D2 switch is used as a replacement for a Series 1-4 3-inch switch, a blank filler plate is also required. Purchase the blank filler plate from a local sheet-metal fabricator. If a drawing of this part is required, contact Peru TAG.

Table 13.2: Obsolescent Circuit Breaker Units ▲

Catalog No.	\$ Price
QMB3400LA■	7097.

- ▲ Circuit breaker units are designed for use in all QMB interior types manufactured between 1961 and October 1984.
- Includes a 3-pole, LA type circuit breaker. For other ampere ratings, contact the Schneider Electric Customer Information Center.

Table 13.3: Plug-On Extension Assemblies ▲

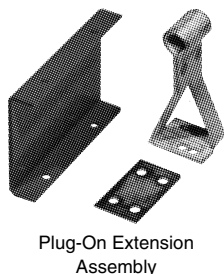
Ampere Rating	Switch Mounting Height (inches)	Catalog No.	\$ Price
30-30 Switch	3	QMB303LEX	203.
30-30 Switch	4.5	QMB306LEX	207.
30-30 Switch	6	QMB306EX	239.
60-60 Switch	4.5	QMB306LEX	207.
60-60 Switch	6	QMB306EX	239.
100-100 Switch	6	QMB310LEX	239.
100-100 Switch	7.5	QMB310EX	567.
200 Switch	9	QMB320EX	567.
LA Circuit Breaker	7.5	QMB310EX	

- ▲ Bus extensions are required on all 30–200 A switches. They are also required on all circuit breaker units used in switchboards or in QW type panelboards with a 38-inch wide box.

Table 13.4: Obsolescent Main Switch Units ▲

Ampere Rating	Unit Height (inches)	Catalog No.	\$ Price	Replaces Series 4 Unit Catalog No.
3-pole 240 Vac				
100	9	QMB323M ■	2303.	QMB3210M
200		QMB324M		QMB3220M
3-pole 600 Vac				
100	9	QMB363M ■	3017.	QMB3610M
		QMB363MJ ■	3213.	QMB3610MJ
200	9	QMB364M	3792.	QMB3620M
		QMB364MJ ■	4038.	QMB3620MJ

- ▲ Replace Series 4 Units
- Order only from the Lexington plant.



Application

For use on three-phase AC systems—208, 240, or 480 volts. UL® Listed.

Starters**Line Voltage Type**

- Non-Reversing—Twin Units
 - Sizes 0 through 3—Class 8536, Types SB, SC, SD and SE.
- Reversing—Single Units
 - Sizes 0 through 3—Class 8736, Types SB, SC, SD and SE.

Table 13.1: Starter Units—Not stocked in DS. Order only from the Peru plant.

NEMA Size	Coil Voltage ♦	Class 8536—Types SB, SC, SD and SE▲ Type S—Non-Reversing (see Digest page 16-16)			Class 8736—Type SB, SC, SD and SE ▲ Reversing (see Digest page 16-51)		
		Unit Height (Inches)	Twin-Starter Unit (Two Non-Reversing Starters) Catalog No.	\$ Price ■	Unit Height (Inches)	Single-Starter Unit (One Reversing Starter) Catalog No.	\$ Price ■
0	120	9	QMB8536100120W	1931.	9	QMB873610120W	2115.
	208		QMB8536100208W			QMB873610208W	
	240		QMB8536100240W			QMB873610240W	
	480		QMB8536100480W			QMB873610480W	
1	120	9	QMB8536111120W	2435.	9	QMB873611120W	2295.
	208		QMB8536111208W			QMB873611208W	
	240		QMB8536111240W			QMB873611240W	
	480		QMB8536111480W			QMB873611480W	
2	120	10-1/2	QMB8536222120W	3813.	10-1/2	QMB8736222120W	3732.
	208		QMB8536222208W			QMB8736222208W	
	240		QMB8536222240W			QMB8736222240W	
	480		QMB8536222480W			QMB8736222480W	
3	120	18	QMB8536333120W	5930.	18	QMB8736333120W	6797.
	208		QMB8536333208W			QMB8736333208W	
	240		QMB8536333240W			QMB8736333240W	
	480		QMB8536333480W			QMB8736333480W	

▲ Space and drilling are provided for field addition of control voltage transformer and fuse base.

■ Prices include starters, but do not include overload relay thermal units. See Digest page 16-129 for selection procedure (AC magnetic starters—small enclosure), and order thermal units separately.

♦ See Digest page 16-21 for maximum motor starter ratings.

Table 13.2: UL Listed Short Circuit Ratings @ 600 V Maximum

Starter Size	Fusible Switch (with Class R or J fuse) RMS Sym. Amperes	Thermal-Magnetic Circuit Breaker RMS Sym. Amperes
0	100,000	5,000
1		
2		
3		

Selection of Components

1. List required motor starter units (reversing or non-reversing) from the tables above.
2. Specify the HP, voltage, phase, frequency and full load current rating of the motor.
3. Specify the unit mounting space.
4. Determine the circuit breaker or fusible switch rating for motor branch circuits from the selection tables on Digest page 9-34.
5. For motor starter voltages other than standard voltages of 120, 208, 240 and 480 volts, contact your nearest Schneider Electric sales office.

Starter Data

- Line voltage coils are furnished as standard on all starters.
- Twistouts are provided in starter covers for start-stop push buttons, selector switches and pilot lights. See accessories table below.
- Starter door interlocks are furnished with motor starter enclosures.
- Type S starter enclosures include drillings for the next smaller size.
- All Type S starters have provisions for three overload relay thermal units, as required by NEC® Table 430.37 for three phase ac motor circuits.

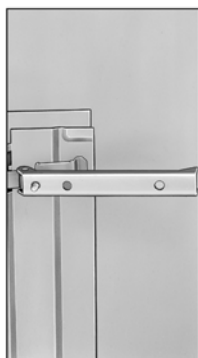
Accessories

Accessories listed below are available for field installation on all units. Go to the page numbers shown for prices.

Table 13.3: Field Installable Accessories

Description	Digest Page No.
Push Buttons and Selector Switches: Class 9001, Type K	19-55 through 19-64
Pilot Lights: Class 9001, Type KP	19-65
Electrical Interlocks: Class 9999, Type SX6, SX7	16-123
Industrial Control Transformers: Class 9070	Supplemental Digest 6-5
Type EO1; Starter Size: 0 and 1, Non-Reversing	
Type EO2; Starter Size: 0, 1 and 2, Reversing	
Type EO3; Starter Size: 3	
Type EO4; Starter Size: 4	
Control Circuit Fuse Block: Class 9080, Type PF1	24-20

QMB Motor Starter
Panelboard



Catalog No.
PK3TC

Table 13.1: Trim Clamps and Screws

Application	Catalog No.	\$ Price
NEHB Panelboards: All fronts up through 400 A	PK3TC	44.

Table 13.2: Circuit I.D. Numbers

Circuit Number Description	NEHB and NEHB Column Width Catalog No.	\$ Price
1 through 54	8004332501	14.

Table 13.3: Locks—Type 1 Enclosures

Application	Catalog No.	\$ Price
NEHB Panelboards		
All main lug fronts and all main circuit breaker fronts up to 225 A	PK4FL	90.
All 400 A main circuit breaker fronts	PK5FL	165.
Telephone Cabinets		
Fronts on boxes up to 30 inches wide	PK4FL (Before November 1997) PK22FL (After November 1997)	90.
Fronts on boxes 36 inches or wider	PK5FL	165.



Catalog No.
PK4FL



Catalog No.
PK5FL

This page contains UL Tested and Certified series combination ratings for panelboards. These ratings apply to either an integral main located in the same enclosure or a remote main located in a separate enclosure. NOTE: Where QO(B) GFI circuit breakers are shown above, QO (B) EPD circuit breakers may also be used.

Table 13.1: NQOD Series Ratings

Maximum System Voltage AC ♦	Maximum Short Circuit Current Rating (RMS Sym.)	Integral or Remote Main Circuit Breakers and Remote Main Fuses	Branch Circuit Breaker Designations and Allowable Ampere Ranges ▲ ■			
			Type	1-pole	2-pole	3-pole
120/240 1Ø	22k	MG	QO (B)	15-30 A	—	—
			QO (B) PL	15-30 A	15-60 A	15-30 A
			QO (B) GFI	15-30 A	15-60 A	15-30 A
			QO (B) VH	15-30 A	150 A	15-150 A
			QO (B) AFI	15-20 A	—	—
120/240 1Ø 208Y/120	100k	DJ 400 A	QO (B)	15-70 A	15-125 A	—
			QO (B) GFI	15-30 A	40-60 A	—
			QO (B) VH	—	150 A	15-150 A
			QO (B) AFI	15-20 A	—	—
			QO (B)	15-70 A	15-125 A	15-30 A
		QJ	QO (B) AS	15-30 A	15-30 A	15-30 A
			QO (B) GFI	15-30 A	15-60 A	—
			QO (B) PL	15-30 A	15-60 A	15-30 A
			QO (B) VH	—	150 A	35-150 A
			QO (B) AFI	15-20 A	—	—
208Y/120	18k	LA/LH (L) 34200MC, LA/LH (L) 34225MC, LA/LH (L) 34250MC, LA/LH (L) 34400MC	QO (B)	15-30 A	15-30 A	15-30 A
			QO (B)	15-70 A	15-125 A	15-100 A
240	22k	QO (B) VH	QO (B) AS	15-30 A	15-30 A	15-30 A
			QO (B) GFI	15-30 A	15-60 A	—
			QO (B) PL	15-30 A	15-30 A	—
			QO (B) AFI	15-20 A	—	—
			QO (B)	15-70 A	15-100 A	15-30 A
		Q2-HΔ	QO (B) GFI	15-30 A	15-30 A	—
			QO (B) AFI	15-20 A	—	—
			QO (B)	15-70 A	15-125 A	15-30 A
			QO (B) AS	15-30 A	15-30 A	15-30 A
			QO (B) GFI	15-30 A	15-60 A	—
240	25k	QD	QO (B) PL	15-30 A	15-60 A	15-30 A
			QO (B) VH	—	150 A	35-150 A
			QO (B) AFI	15-20 A	—	—
			QO (B)	15-70 A	15-125 A	15-100 A
			QO (B) GFI	15-30 A	15-60 A	—
			QO (B) AFI	15-20 A	—	—
			QO (B)	15-70 A	15-125 A	15-100 A
			QO (B) AS	15-30 A	15-30 A	15-30 A
			QO (B) GFI	15-30 A	15-60 A	—
			QO (B) AFI	15-20 A	—	—
		ED, FDΔ	QO (B)	15-70 A	15-125 A	15-100 A
			QO (B) AS	15-30 A	15-30 A	15-30 A
			QO (B) GFI	15-30 A	15-60 A	—
			QO (B) AFI	15-20 A	—	—
			QO (B)	15-70 A	15-125 A	15-100 A
		KDΔ	QO (B) AS	15-30 A	15-30 A	15-30 A
			QO (B) GFI	15-30 A	15-60 A	—
			QO (B) AFI	15-20 A	—	—
			QO (B)	15-70 A	15-125 A	15-100 A
			QO (B) AS	15-30 A	15-30 A	15-30 A
		HD, JD	QO (B) GFI	15-30 A	15-60 A	—
			QO (B) AFI	15-20 A	—	—
			QO (B) H	—	15-100 A	—
			QO (B) VH	—	150 A	—
			QO (B) AFI	15-20 A	—	—
240	42k	LA, MA	QO (B) H	—	15-100 A	—
			QO (B) VH	—	150 A	—
			QO (B) PL	15-30 A	15-60 A	15-30 A
			QO (B)	15-70 A	15-125 A	15-100 A (3P 208 V Max.)
			QO (B) GFI	15-30 A	15-60 A	—
		LC 600 A Maximum	QO (B) AFI	15-20 A	—	—
			QO (B) VH	15-30 A	15-125 A	15-100 A (3P 208 V Max.)
			QO (B) GFI	15-30 A	15-60 A	—
			QO (B) AFI	15-20 A	—	—
			QO (B)	15-70 A	15-125 A	15-100 A
240	65k	DJ 400 A	QO (B) VH	—	150 A	15-150 A
			QO (B) H	—	15-100 A	—
			QO (B)	15-70 A	15-125 A	15-100 A
		EG, FGΔ, KGΔ	QO (B) GFI	15-30 A	15-60 A	—
			QO (B) AFI	15-20 A	—	—
			QO (B)	15-70 A	15-125 A	15-30 A
			QO (B) AS	15-30 A	15-30 A	15-30 A
			QO (B) VH	—	150 A	35-150 A
		QG, HG, JG	QO (B) GFI	15-30 A	15-60 A	15-30 A
			QO (B) PL	15-30 A	15-60 A	15-30 A
			QO (B) AFI	15-20 A	—	—
			QO (B)	15-70 A	15-125 A	15-100 A
			QO (B) VH	—	150 A	35-150 A
		HG, JG	QO (B) H	—	15-100 A	—
			QO (B) VH	—	150 A	—
			QO (B)	15-70 A	15-100 A	15-100 A
			QO (B) AS	15-30 A	15-30 A	15-30 A
			QO (B) GFI	15-30 A	15-60 A	—
		400 A Max. Class J or T6 Fuses	QO (B) AFI	15-20 A	—	—
			QO (B) VH	15-30 A	15-125 A	15-100 A
			QO (B) H	—	150 A	—
			QO (B) AFI	15-20 A	—	—
			QO (B)	15-70 A	15-100 A	15-100 A
240	100k	FC24	QO (B) AS	15-30 A	15-30 A	15-30 A
			QO (B) GFI	15-30 A	15-60 A	—
			QO (B) AFI	15-20 A	—	—
			QO (B)	15-70 A	15-125 A	15-100 A
			QO (B) GFI	15-30 A	15-60 A	—
		EJ, FJΔ	QO (B) AFI	15-20 A	—	—
			QO (B)	15-70 A	15-125 A	15-100 A
			QO (B) VH	—	150 A	35-150 A
			QO (B) GFI	15-30 A	15-60 A	—
			QO (B) PL	15-30 A	15-60 A	15-30 A
240	125k	HL, JL	QO (B) AFI	15-20 A	—	—
			QO (B) H	—	15-100 A	—
			QO (B) VH	—	150 A	—
			QO (B)	15-70 A	15-125 A	15-100 A
			QO (B) AS	15-30 A	15-30 A	15-30 A
240	200k	FI, KI	QO (B) GFI	15-30 A	15-60 A	—
			QO (B) AFI	15-20 A	—	—
			QO (B)	15-70 A	15-125 A	15-100 A
			QO (B) AS	15-30 A	15-30 A	15-30 A
			QO (B) GFI	15-30 A	15-60 A	—

▲ Suffixes HLD, SWD and SWN may also be applied to the applicable branch circuit breakers shown above, except suffix SWN may NOT be applied in combination with LC main circuit breakers.

■ Where QO (B) circuit breakers are shown above, QO (B) H, QO (B) VH, and QH (B) circuit breakers may also be used.

♦ For shown circuit breakers rated less than this maximum voltage, the indicated short circuit current rating also applies, but at the voltage rating of the circuit breaker.

◆ Only 15-30 A circuit breakers may be used when the LC circuit breaker is rated 450, 500 or 600 A.

▼ Circuit breakers may not be used when the LC circuit breaker is rated 450, 500 or 600 A.

△ Obsolete. Contact the Square D/Schneider Electric local Field Sales Office for the replacement circuit breaker. One-pole FJ circuit breakers are still available.

NQOD Merchandised Pricing Procedure

1. List circuit breakers required, either plug-on or bolt-on. See appropriate pages for catalog numbers.
2. Determine equivalent number of pole spaces required.
3. Select proper main lugs interior or main lugs interior and main circuit breaker adapter kit based on equivalent number of poles and ampere rating from appropriate page. Interiors include solid neutral and are field convertible to top feed.
4. Select enclosure from appropriate page.
Type 1—Select box and front catalog number corresponding to interior catalog number. Type 3R, 5, 12—Select enclosure, front included.
5. For complete price, add the component prices. Include panelboard accessories.
6. Apply appropriate discount schedule.

NQOD Merchandised Example:

Table 13.1: 208Y/120 Vac, 3Ø4W, 10 kAIR, 225 A, MLO, Type 1 surface mount, bolt-on branch circuit breakers, main sub-feed lugs. ▲

Branches	Page No.	Catalog Number	Spaces	\$ Price
225 A MLO Interior	13-10	NQOD430L225CU	30	1292.
Box	13-10	MH32	—	113.
Cover	13-10	MHC32S	—	497.
Main Sub-Feed Lugs	13-10	NQOD225SFL	—	203.
Total Price				2105.

▲ Price branch breakers from page 9-10 of the current Digest.

Table 13.1: Main Lug Interiors—Accepts plug-on and bolt-on circuit breakers

Max. No. of Single Pole QO/QOB Circuit Breakers	Mains Rating	Total Price Interior Front and Enclosure		Interior Only (Order Branch Circuit Breakers Separately)		Type 1 Enclosure				Type 3R, 5, 12 EnclosureΔ			
		Type 1	Type 3R, 5, 12	Catalog No.▲	Price	Box 20"W x 5.75"D■		MONO-FLAT® Front◆		Enclosure 20"W x 6.5"D		Height (In.)	
						Catalog No.	Price	Catalog No.	Price	Catalog No.	Price		
20" Wide Cabinet—Single Phase 3-Wire													
20	100	1417.	3050.	NQOD20L100CU	864.	MH23	113.	MHC23 ()	440.	MH23WP	2186.	23	
30	225	1789.	3383.	NQOD30L225CU	1179.	MH32	113.	MHC32 ()	497.	MH32WP	2204.	32	
42		2037.	3623.	NQOD42L225CU	1418.	MH35	113.	MHC35 ()	506.	MH35WP	2205.	35	
42		2464.	4021.	NQOD42L225CUTF▼	1799.	MH41	113.	MHC41 ()	552.	MH41WP	2222.	41	
54		2278.	3835.	NQOD54L225CU	1613.	MH41	113.	MHC41 ()	552.	MH41WP	2222.	41	
30	400	2483.	4346.	NQOD30L400CU	1737.	MH50	113.	MHC50V ()	633.	MH50WP	2609.	50	
42		2671.	4512.	NQOD42L400CU	1896.	MH53	113.	MHC53V ()	662.	MH53WP	2616.	53	
54		2894.	4737.	NQOD54L400CU	2085.	MH59	113.	MHC59V ()	696.	MH59WP	2652.	59	
30		2638.	4605.	NQOD30L600	1863.	MH53	113.	MHC53V ()	662.	MH656WP	2742.	53/65	
42	600★	2807.	4767.	NQOD42L600	2019.	MH56	113.	MHC56V ()	675.	MH686WP	2748.	56/68	
42		3768.	5699.	NQOD42L600TFL▼	2942.	MH62	113.	MHC62V ()	713.	MH746WP	2757.	62/74	
54		2991.	4922.	NQOD54L600	2165.	MH62	113.	MHC62V ()	713.	MH746WP	2757.	62/74	
20" Wide Cabinet—Three Phase 4-Wire													
24	100	1615.	3248.	NQOD424L100CU	1062.	MH23	113.	MHC23 ()	440.	MH23WP	2186.	23	
30	225	1769.	3383.	NQOD430L100CU	1191.	MH26	113.	MHC26 ()	465.	MH26WP	2192.	26	
30		1902.	3496.	NQOD430L225CU	1292.	MH23	113.	MHC32 ()	497.	MH32WP	2204.	32	
42		2170.	3756.	NQOD442L225CU	1551.	MH35	113.	MHC35 ()	506.	MH35WP	2205.	35	
42		2567.	4124.	NQOD442L225CUTF▼	1902.	MH41	113.	MHC41 ()	552.	MH41WP	2222.	41	
54	400	2378.	3935.	NQOD454L225CU	1713.	MH41	113.	MHC41 ()	552.	MH41WP	2222.	41	
30		2726.	4589.	NQOD430L400CU	1980.	MH50	113.	MHC50V ()	633.	MH50WP	2609.	50	
42		2908.	4749.	NQOD442L400CU	2133.	MH53	113.	MHC53V ()	662.	MH53WP	2616.	53	
54		3091.	4934.	NQOD454L400CU	2282.	MH59	113.	MHC59V ()	696.	MH59WP	2652.	59	
30	600★	2916.	4883.	NQOD430L600	2141.	MH53	113.	MHC53V ()	662.	MH656WP	2742.	53/65	
42		3062.	5022.	NQOD442L600	2274.	MH56	113.	MHC56V ()	675.	MH686WP	2748.	56/68	
42		4050.	5981.	NQOD442L600TFL▼	3224.	MH62	113.	MHC62V ()	713.	MH746WP	2757.	62/74	
54		3279.	5210.	NQOD454L600	2453.	MH62	113.	MHC62V ()	713.	MH746WP	2757.	62/74	

- ▲ "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.
- Embossed mounting holes add a .25 inch standoff to back of MH box.
- ◆ Add "F" for flush, "S" for surface.
- ★ Copper bus standard on 600 A interiors.
- ▼ Feed-thru lug interior.
- △ Enclosure includes trim kit.
- 42 circuit MLO panelboard requires MH38 box, 54 circuit panelboard requires MH44 box.

Table 13.2: NQOD Accessories

Description	Catalog No.	\$ Price	Schedule
Sub-feed lug kits—main lugs only—1Ø or 3Ø □			
• 100 A	NQOD100SFL	155.00	PE1A
• 225 A	NQOD225SFL	203.00	PE1A
Sub-feed: Bolt-on: 2-pole			
• 3-pole	QOB2125SL	176.00	DE2
• 3-pole	QOB3125SL	176.00	DE2
Equipment ground bars: 12 circuit 225 A max.			
• 20 circuit 225 A max.	PK9GTA	13.00	DE3A
• 24 circuit 225 A max.	PK12GTA	16.00	DE3A
• 30 circuit 225 A max.	PK15GTA	17.00	DE3A
• 30 circuit 225 A max.	PK18GTA	19.00	DE3A
• 54 circuit 225 A max.	PK23GTA	21.00	DE3A
• 54 circuit 600 A max.	PK27GTA	34.00	DE3A
• PK15GTA with #1 to 4/0 Al/Cu lug	PK15GTAL	35.00	DE3A
• PK18GTA with #1 to 4/0 Al/Cu lug	PK18GTAL	38.00	DE3A
• PK23GTA with #1 to 4/0 Al/Cu lug	PK23GTAL	41.00	DE3A
Ground bar insulator kit	PKGTAB	44.00	DE3A
Filler plate	QOFF	3.60	DE2A
Circuit I.D. number strips			
1-102 odd/even (left side numbered 1,3,5 ... 101)	NQ102OE	8.00	PE1A
103-204 odd/even (left side numbered 103,105,107 ... 203)	NQ204OE	8.00	PE1A
1-102 sequential (left side numbered 1,2,3 ... 102)	NQ102S	8.00	PE1A
103-204 sequential (left side numbered 103,104,105 ... 204)	NQ204S	8.00	PE1A
Directory cards	8003115801	5.00	PE1A
Plastic stick-on directory pouch	8003115901	14.00	PE1A
Lock - for MONO-FLAT fronts	PK22FL	93.00	PE1A
Key—NSR-251 (for all locks)	LP9618	29.00	PE1A
Touch-up paint USAS #49 Gray (Aerosol can)	PK48SP	39.00	DE1
Handle attachments—branch circuit breakers:			
• Handle lock-off	HLO1	9.90	DE2E
• Handle tie - (QO and QOB only)	QO1HT	3.80	DE2E
• Handle padlock attachment - 1-pole	QO1PA	10.70	DE2E
• 2- and 3-pole	QO1PL	10.70	DE2E
• Combination handle tie and lock-off for three 1-pole (QO, QOB)	QO3HT	13.40	DE2E
Neutral or Ground Lugs: #10 to #2 Al or #14 to #4 Cu			
• #4 to #1/0 Al/Cu	QO70AN	9.90	DE2E
• #1 to #4/0 Al/Cu	Q1100AN	11.10	DE2E
• #1 to #4/0 Al/Cu	Q1150AN	32.40	DE2E
Endwalls for MH Boxes			
• Blank	8011010501	41.00	PE1A
• With Knockouts	8011010401	41.00	PE1A
Elevating Nuts (4 required)	2322000003	1.30	PE1A

NOTE: For Door-in-door (hinged) trim see the Supplemental & Obsolescence Digest, Section 4.

Table 13.1: Main Circuit Breaker Interiors—Accepts plug-on and bolt-on circuit breakers

Max. No. of One-pole QO QOB Circuit Breakers	Mains Rating	Total Price Interior, Front, Box and Adapter Kit		Main Circuit Breaker Adapter Kit	Interior Only (Order Branch Circuit Breakers Separately)		Type 1 Enclosure				Type 3R, 5, 12 Enclosure ★		
		Box 20"W x 5.75"D ■					MONO-FLAT® Front ♦		Enclosure 20"W x 6.5"D		Height (In.)		
		Type 1	Type 3R, 5, 12	Catalog No. Price	Catalog No. ▲	Price	Catalog No.	\$ Price	Catalog No.	Price		Catalog No.	\$ Price
20" Wide Cabinet—Single Phase 3-Wire													
20	100	2024.	3638.	Factory Installed Backfed QOB Main Circuit Breaker	NQOD20M100CU	1446.	MH26	113.	MHC26 ()	465.	MH26WP	2192.	26
30	225	2662.	4562.		NQOD30L225CU	1179.	MH44	113.	MHC44 ()	590.	MH44WP	2603.	44
42		2944.	4807.		NQOD42L225CU	1418.	MH50	113.	MHC50 ()	633.	MH50WP	2609.	50
42		3367.	5231.		NQOD42L225CUTF△	1799.	MH56	113.	MHC56 ()	675.	MH56WP	2652.	56
54	400	3181.	5045.	NQODQB▼ or NQODJK▼ \$780.	NQOD54L225CU	1613.	MH56	113.	MHC56 ()	675.	MH56WP	2652.	56
30		3362.	5259.		NQOD30L400CU	1737.	MH65	113.	MHC65V ()	732.	MH65WP	2742.	65
42		3545.	5418.		NQOD42L400CU	1896.	MH68	113.	MHC68V ()	756.	MH68WP	2742.	68
42		4612.	6479.		NQOD42L600TFL△	2942.	MH77	113.	MHC77V ()	777.	MH77WP	2757.	77
54		3746.	5622.		NQOD54L400CU	2085.	MH74	113.	MHC74V ()	768.	MH74WP	2757.	74
20" Wide Cabinet—Three Phase 4-Wire													
24	100	2437.	4051.	Factory Installed Backfed QOB Main Circuit Breaker	NQOD42M100CU	1859.	MH26	113.	MHC26 ()	465.	MH26WP	2192.	26
30	225	2575.	4178.		NQOD430M100CU	1985.	MH29	113.	MHC29 ()	477.	MH29WP	2193.	29
30		2775.	4675.		NQOD430L225CU	1292.	MH44	113.	MHC44 ()	590.	MH44WP	2603.	44
42		3077.	4940.	NQOD442L225CU	1551.	MH50	113.	MHC50 ()	633.	MH50WP	2609.	50	
42	400	3470.	5334.	NQODQB▼ or NQODJK▼ \$780.	NQOD442L225CUTF△	1902.	MH56	113.	MHC56 ()	675.	MH56WP	2652.	56
54		3281.	5145.		NQOD454L225CU	1713.	MH56	113.	MHC56 ()	675.	MH56WP	2652.	56
30		3605.	5502.		NQOD430L400CU	1980.	MH65	113.	MHC65V ()	732.	MH65WP	2742.	65
42		3782.	5655.		NQOD442L400CU	2133.	MH68	113.	MHC68V ()	756.	MH68WP	2742.	68
42		4894.	6761.	NQOD4▼ \$780.	NQOD42L600TFL△	3224.	MH77	113.	MHC77V ()	777.	MH77WP	2757.	77
54		3943.	5819.		NQOD454L400CU	2282.	MH74	113.	MHC74V ()	768.	MH74WP	2757.	74

- ▲ "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.
 ■ Embossed mounting holes add a .25 inch standoff to back of MH box.
 ♦ Add "F" for flush, "S" for surface.
 ★ Enclosure includes trim kit.
 ▼ Select the appropriate main circuit breaker from tables starting on Digest page 7-22 and add the circuit breaker price to the total price of the panelboard.
 Δ Feed-thru lug interior.

Table 13.2: Main Circuit Breaker Adapter Kits (Less Circuit Breaker) ▲

Amperes	Catalog Number	Circuit Breaker Frame ■	\$ Price
225	NQODQB	QBL, QDL, QGL, QJL	780.
225	NQODJK	JDL, JGL, JLL, KIL	
400	NQOD4	LAL, LHL, Q4L	

- ▲ Select the appropriate main circuit breaker from tables starting on Digest page 7-22 and add the circuit breaker price to the total price of the panelboard.
 ■ Circuit breaker interrupting ratings, see tables starting on Digest page 7-22.

Table 13.1: Main Lug Interiors—Accepts plug-on and bolt-on circuit breakers

Max. No. of Single Pole QO/QOB Circuit Breakers	Mains Rating	Total \$ Price Interior, Front and Enclosure		Interior Only (Order Branch Circuit Breakers Separately)		Type 1 Enclosure				Type 3R, 5, 12 Enclosure		
						Box 14 in. W x 5.75 in. D ■		Mono-Flat® Front ♦		Enclosure 20 in. W x 6.5 in. D		Height (In.)
		NEMA Type 1	NEMA Type 3R, 5, 12	Catalog No. ▲	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	
14-inch Wide Cabinet—Single Phase 3-Wire												
12	100	1132.	—	NQOD12L100CU	734.	NQB520	117.	NQC20 ()	281.	Use 20-inch Wide Enclosure for Type 3R, 5, 12	20	
20		1271.	—	NQOD20L100CU	864.	NQB523	117.	NQC23 ()	290.		23	
30	225	1634.	—	NQOD30L225CU	1179.	NQB532	117.	NQC32 ()	338.	Use 20-inch Wide Enclosure for Type 3R, 5, 12	32	
42		1882.	—	NQOD42L225CU	1418.	NQB535	117.	NQC35 ()	347.		35	
54		2099.	—	NQOD54L225CU	1613.	NQB541	117.	NQC41 ()	369.		41	
14-inch Wide Cabinet—Three Phase 4-Wire												
12	100	1267.	—	NQOD412L100CU	869.	NQB520	117.	NQC20 ()	281.	Use 20-inch Wide Enclosure for Type 3R, 5, 12	20	
24		1469.	—	NQOD424L100CU	1062.	NQB523	117.	NQC23 ()	290.		23	
30	225	1616.	—	NQOD430L100CU	1191.	NQB526	117.	NQC26 ()	308.	Use 20-inch Wide Enclosure for Type 3R, 5, 12	26	
30		1747.	—	NQOD430L225CU	1292.	NQB532	117.	NQC32 ()	338.		32	
42		2015.	—	NQOD442L225CU	1551.	NQB535	117.	NQC35 ()	347.		35	
54		2199.	—	NQOD454L225CU	1713.	NQB541	117.	NQC41 ()	369.		41	

- ▲ "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.
- 14-inch wide cabinets accept 100 A max. branch circuit breakers. Through feed lugs are not available in 14-in. wide enclosures.
- ♦ Add "F" for flush, "S" for surface.

Table 13.2: Main Circuit Breaker Interiors—Accepts Plug-On and Bolt-On Circuit Breakers

Max. No. of One Pole QO QOB Circuit Breakers	Mains Rating	Total \$ Price Interior, Front, Box and Adapter Kit		Main Circuit Breaker Adapter Kit		Interior Only (Order Branch Circuit Breakers Separately)		Type 1 Enclosure				Type 3R, 5, 12 Enclosure			Height (In.)
								Box 14 in. W x 5.75 in. D★		Mono-Flat Front ■		Enclosure 20 in. W x 6.5 in. D			
		NEMA Type 1	NEMA Type 3R, 5, 12	Catalog No.	\$ Price	Catalog No. ▲	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price		
14-inch Wide Cabinet—Single Phase 3-Wire															
12	100	1688.	—	Factory Installed QOB Main Circuit Breaker	—	NQOD12M100CU	1281.	NQB523	117.	NQC23 ()	290.	Use 20-inch Wide Enclosure for Type 3R, 5, 12	23		
20		1871.	—			NQOD20M100CU	1446.	NQB526	117.	NQC26 ()	308.		26		
30	225	2481.	—	NQODJK ♦ or NQODQB ♦	780.	NQOD30L225CU	1179.	NQB544	117.	NQC44 ()	405.	Use 20-inch Wide Enclosure for Type 3R, 5, 12	44		
42		2734.	—			NQOD42L225CU	1418.	NQB550	117.	NQC50 ()	419.		50		
54		2984.	—			NQOD54L225CU	1613.	NQB556	117.	NQC56 ()	474.		56		
14-inch Wide Cabinet—Three Phase 4-Wire															
12	100	2032.	—	Factory Installed QOB Main Circuit Breaker	—	NQOD412M100CU	1625.	NQB523	117.	NQC23 ()	290.	Use 20-inch Wide Enclosure for Type 3R, 5, 12	23		
24		2284.	—			NQOD424M100CU	1859.	NQB526	117.	NQC26 ()	308.		26		
30	225	2431.	—	NQODJK ♦ or NQODQB ♦	780.	NQOD430M100CU	1985.	NQB529	117.	NQC29 ()	329.	Use 20-inch Wide Enclosure for Type 3R, 5, 12	29		
30		2594.	—			NQOD430L225CU	1292.	NQB544	117.	NQC44 ()	405.		44		
42		2867.	—			NQOD442L225CU	1551.	NQB550	117.	NQC50 ()	419.		50		
54		3084.	—			NQOD454L225CU	1713.	NQB556	117.	NQC56 ()	474.		56		

- ▲ "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.
- Add "F" for flush, "S" for surface.
- ♦ Select the appropriate main circuit breaker from pages 7-24, 7-31, 7-48 and 7-49, and add the circuit breaker price to the total price of the panelboard.
- ★ 14-inch wide cabinets accept 100 A max. branch circuit breakers.

Table 13.3: Main Circuit Breaker Adapter Kits (Less Circuit Breaker ▲)

Amperes	Catalog No.	Circuit Breaker Frame ■	\$ Price
225	NQODQB	QBL, QDL, QGL, QJL	780.
225	NQODJK	JDL, JGL, JLL, JLL, KIL	

- ▲ Select the appropriate main circuit breaker from pages 7-24, 7-31, 7-48 and 7-49, and add the circuit breaker price to the total price of the panelboard.
- Circuit breaker interrupting ratings, see pages 7-2 through 7-9.

NQOD 240 Vac Max.

Table 13.1: Main Lug Interiors—Accepts plug-on and bolt-on circuit breakers

Max. No. of Single Pole QO/QOB Circuit Breakers	Mains Rating	Total Price Interior, Front and Enclosure		Main Lugs Interior Only (Order Branch Circuit Breakers Separately)		Type 1 Enclosure				Type 3R, 5, 12 Enclosure ★		
						Box 20"W x 5.75"D ■		MONO-FLAT® Front ♦		Enclosure 20"W x 6.5"D		Height (In.)
		Type 1	Type 3R, 5, 12	Catalog No. ▲	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	
20" Wide Cabinet—3 Phase 4-Wire												
30	100	2096.	3699.	NQOD430L100CUNL	1506.	MH29	113.	MHC29 ()	477.	MH29WP	2193.	29
42	225	2620.	4193.	NQOD442L225CUNL	1977.	MH38	113.	MHC38 ()	530.	MH38WP	2216.	38
42	400	3547.	5388.	NQOD442L400CUNL	2772.	MH53	113.	MHC53V ()	662.	MH53WP	2616.	53

- ▲ "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.
- Embossed mounting holes add a .25 inch standoff to back of MH box.
- ♦ Add "F" for flush, "S" for surface.
- ★ Enclosure includes trim kit.

Table 13.2: Main Circuit Breaker Interiors

Max. No. of Single Pole QO/QOB Circuit Breakers	Mains Rating	Total Price Interior, Front, Box and Adapter Kit		Main Circuit Breaker Adapter Kit ▲	Main Lugs Interior Only (Order Branch Circuit Breakers Separately)		Type 1 Enclosure				Type 3R, 5, 12 Enclosure ★			Height (In.)
		Type 1	Type 3R, 5, 12	Catalog No. \$ Price	Catalog No. ■	\$ Price	Box 20"W x 5.75"D		MONO-FLAT Front ♦		Enclosure 20"W x 6.5"D			
							Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	
20" Wide Cabinet—3 Phase 4-Wire														
30	100	2877.	4471.	QOB Main Circuit Breaker	NQOD430M100CUNL	2267.	MH32	113.	MHC32 ()	497.	MH32WP	2204.	32	
42	225	3503.	5366.	NQODJK NQODQB 780.	NQOD442L225CUNL	1977.	MH50	113.	MHC50 ()	633.	MH50WP	2609.	50	
42	400	4421.	6294.	NQOD4 780.	NQOD442L400CUNL	2772.	MH68	113.	MHC68V ()	756.	MH68WP	2742.	68	

- ▲ Order main circuit breaker separately
- "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.
- ♦ Add "F" for flush, "S" for surface.
- ★ Enclosure includes trim kit.

Table 13.3: Main Circuit Breaker Adapter Kits (Less Circuit Breaker) ▲

Amperes	Catalog Number	Circuit Breaker Frame ■	\$ Price
225	NQODQB	QBL, QDL, QGL, QJL	780.
225	NQODJK	JDL, JGL, JLL, JLL, KIL	
400	NQOD4	LAL, LHL	

- ▲ Order main circuit breaker separately
- Main neutral conductors must be copper or aluminum conductors of minimum size and quantity shown to maintain UL Listing.

Table 13.4: NQOD Main Neutral Conductors—Required Size and Quantity ▲

Panelboard Ampacity	Neutral Conductors Required ■	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

- ▲ Neutral conductors must be of size and quantity per table above.
- 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.

Table 13.1: Standard Mechanical Lugs—Main Lugs

Panel Type	Ampere Rating	Lug Wire Range▲	Wire Range Wire Bending Space per NEC Table 373-6▲
NQOD	100	(1) #10–#2/0 Cu or (1) #6–#2/0 Al	(1) #10–#1 Cu or (1) #6–#1 Al
	225	(1) #6–300 kcmil Al/Cu	(1) #6–300 kcmil Al/Cu
	400	(2) #1/0–300 kcmil Al/Cu or (1) #1/0–750 kcmil Al/Cu	(2) #1/0–300 kcmil Al/Cu or (1) #1/0–750 kcmil Al/Cu
	600	(2) #4–600 kcmil	(2) #4–500 kcmil

▲ (#) = Number of conductors per phase.

Table 13.2: Standard Mechanical Lugs—Main Circuit Breaker

Panel Type	Ampere Rating	Circuit Breaker Type	Lug Wire Range■	Wire Range Wire Bending Space per NEC Table 373-6■
NQOD	100	QOB	(1) #4–#2/0 Al/Cu	(1) #4–#1 Al/Cu
	100	FA, FH, FI	(1) #14–#1/0 Al/Cu	(1) #14–#1 Al/Cu
	150	HD, HG, HJ, HL	(1) #14–#3/0 Al/Cu	(1) #14–#3/0 Al/Cu
	225	QB, QD, QG, QJ	(1) #4–300 kcmil Al/Cu	(1) #4–300 kcmil Al/Cu
	225	KI	(1) #6–350 kcmil Al/Cu	(1) #4–300 kcmil Al/Cu
	250	JD, JG, JJ, JL	(1) #1/0–#4/0 Al/Cu or (1) #3/0–350 kcmil Al/Cu	(1) #1/0–300 kcmil Al/Cu
	400	LA, LH	(1) #1–600 kcmil Al/Cu or (2) #1–250 kcmil Al/Cu	(1) #4–500 kcmil Al/Cu or (2) #1–250 kcmil Al/Cu
	600	MA	(3) #3/0–500 kcmil	(3) #3/0–500 kcmil

■ (#) = Number of conductors per phase.