

NQ Merchandised Main Lug Interiors

Online Refer to NQ Panelboards

NQ Main Lug Interiors—240 Vac, 48 Vdc[1]

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

Circuit Breaker Pole Spaces [2]	Mains Rating (Amps)	Interior Only (Order Branch Circuit Breakers Separately) [3][4]		NEMA	Water, Dirt, & Dust Resistant Enclosure Catalog Numbers[5][6]					
			Box 20 in. W x 5.75 in. D[7] or 8.75 in. D[8][9]	Mono-Flat™ Trim Front [10]	Hinged Trim Front[10]	Mono-Flat™ 3 Point Latch Trim Front [10] [11]	Hinged 3 Point Latch Trim Front [10][11]	Type 3R/5/12 20 in. W x 5.75 in. D[12]	Vented Type 3R 26 in. W x 8.75 in. D[13]	Height (In.)
20-inch-wi	ide Cabinet	[14] —Single Pha	ase 3-Wire.		•					
18	100	NQ18L1 NQ18L1C	MH26, MH26BE	NC26 ()	NC26()HR	-	-	MH26WP	-	26
30	100	NQ30L1 NQ30L1C	MH32, MH32BE	NC32 ()	NC32()HR	-	-	MH32WP	-	32
30	225	NQ30L2 NQ30L2C	MH32, MH32BE	NC32 ()	NC32()HR	_	-	MH32WP	-	32
42		NQ42L2C	MH38, MH38BE	NC38 ()	NC38()HR	-	-	MH38WP	-	38
72		NQ72L2 NQ72L2C	MH44, MH44BE	NC44 ()	NC44()HR	-	-	MH44WP	-	44
84		NQ84L2C	MH50, MH50BE	NC50 ()	NC50()HR	-	-	MH50WP	-	50
30 42	400	NQ30L4 NQ30L4C NQ42L4 NQ42L4C	MH50, MH50BE	NC50V()	NC50V()HR	NC50V()3P	-	MH50WP	MH62D9VWP	50/62
54	400	NQ54L4 NQ54L4C	MH56, MH56BE	NC56V()	NC56V()HR	NC56V()3P	-	MH56WP	MH68D9VWP	56/68
84[15]		NQ84L4C	MH68, MH68BE	NC68V()	NC68V()HR	NC68V()3P	NC68V()3PHR	MH68WP	MH80D9VWP	68/80
30 42		NQ30L6C NQ42L6C	MH50, MH50BE	NC50V()	NC50V()HR	NC50V()3P	NC50V()3PHR	MH62WP[16]	MH62D9VWP[16]	50/62
54	600	NQ54L6C	MH56, MH56BE	NC56V()	NC56V()HR	NC56V()3P	NC56V()3PHR	MH68WP[16]	MH68D9VWP[16]	56/68
84[15]		NQ84L6C	MH68, MH68BE	NC68V()	NC68V()HR	NC68V()3P	NC68V()3PHR	MH80WP[16]	MH80D9VWP[16]	68/80
20-inch-wi	ide Cabinet	[14]—Three Phas	se 4-Wire	l	1	1	<u> </u>			
18	100	NQ418L1 NQ418L1C	MH26, MH26BE	NC26 ()	NC26()HR	-	-	MH26WP	-	26
30		NQ430L1 NQ430L1C	MH32, MH32BE	NC32 ()	NC32()HR	-	-	MH32WP	-	32
30		NQ430L2 NQ430L2C	MH32, MH32BE	NC32 ()	NC32()HR	-	-	MH32WP	-	32
42 54	225	NQ442L2 NQ442L2C NQ454L2 NQ454L2C	MH38, MH38BE	NC38 ()	NC38()HR	-	-	MH38WP	-	38
72[15]		NQ472L2 NQ472L2C	MH44, MH44BE	NC44 ()	NC44()HR	-	-	MH44WP	-	44
84 <i>[15]</i>		NQ484L2 NQ484L2C	MH50, MH50BE	NC50 ()	NC50()HR	-	_	MH50WP	_	50
30 42	=	NQ430L4 NQ430L4C NQ442L4	MH50, MH50BE	NC50V ()	NC50V()HR	NC50V()3P	-	MH50WP	MH62D9VWP <i>[16]</i>	50/62
54	400	NQ442L4C NQ454L4	MH56, MH56BE	NC56V()	NC56V()HR	NC56V()3P	_	MH56WP	MH68D9VWP[16]	56/68
72[15]	1	NQ454L4C NQ472L4 NQ472L4C	MH62, MH62BE	NC62V()	NC62V()HR	NC62V()3P	NC62V()3PHR	MH62WP	MH74D9VWP[16]	62/74
84[15]	-	NQ472L4C NQ484L4C	MH68, MH68BE	NC68V ()	NC68V()HR	NC68V()3P	NC68V()3PHR	MH68WP	MH80D9VWP[16]	68/80
30 42	-	NQ430L6C NQ442L6C	MH50, MH50BE	NC50V ()	NC50V()HR	NC50V()3P	NC50V()3PHR	MH62WP[16]	MH62D9VWP[16]	50/62
54	600	NQ454L6C	MH56, NH56BE	NC56V()	NC56V()HR	NC56V()3P	NC56V()3PHR	MH68WP[16]	MH68D9VWP[16]	56/68
84[15]		NQ484L6C	MH68, MH68BE	NC68V()	NC68V()HR	NC68V()3P	NC68V()3PHR	MH80WP[16]	MH80D9VWP[16]	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 sheet of circuit numbers.

- [1] DC voltage applications require installation of DC rated QO(B) circuit breakers
- [2] Please note that some local building codes limit panelboards to 42 circuits, including those that reference 2005 or earlier version of NFPA 70.
- [3] Accepts all QO(B) shown in Tables in Sections 7 and 9. Branch circuit breaker trip ampacity cannot exceed panelboard mains rating. 175 A and 200 A circuit breakers may only be installed in single phase 400 A and 600 A NQ Panelboards. Tandem circuit breakers may not be installed.
- [4] "C" suffix indicates copper bussing.
- [5] Enclosure height may increase if accessories including alternate neutral lugs, condo riser neutral assemblies, feed-thru lugs, or sub-feed lugs are installed. 26 in. wide enclosures and trim fronts are required if condo riser neutral assemblies are installed.
- [6] Wall mounting brackets add 0.4 inches to back of MHxxWP enclosures.
- [7] Nominal interior dimensions, see PBA600 for details.
- D9 suffix indicates the 8.75 in. Deep Enclosure required for panelboards wit PowerPacT L Main Breaker, Switch, or Sub-Feed Breaker. See PBA604 for dimensional details.
- [9] If Blank End Walls are desired at both ends of NEMA 1 Enclosure, select catalog number with "BE" suffix.
- [10] Add "F" for flush mount, "S" for surface mount.
- Three point latch trim fronts are required for enclosures on panelboards with QO2175, QO2200, QO2175VH, or QO2200VH branch circuit breakers. These breakers take four pole spaces in single phase NQ interior.
- [12] Enclosure includes trim kit. Nominal interior dimensions, see PBA711 for details
- 1/13 Vented Type 3R enclosure with three point latch door. Required for outdoor applications with two sub-feed breakers, or sub-feed breaker with trip current >150A. NEMA 3R enclosures must be bottom fed, and a NQ12RDE kit should also be selected. Interior nominal dimensions, see PBA603WP for details.
- [14] For the NQ14-inch-wide panelboard offer, See NQ 14-inch-wide—240 Vac, 48 Vdc.
- [15] Use only if the Local Jurisdiction where this panelboard interior is being applied has adopted the 2008 NFPA 70—National Electrical Code® (NEC®), which allows single panelboard interiors greater than 42 circuits.
- [16] NEMA 3R, 5, or 12 enclosures must be bottom fed, when selected, an NQ12RDE kit should also be selected. See NQ Merchandised Accessories, page 9-22.



NQ Merchandised Main Circuit Breaker Interiors

Online Refer to NQ Panelboards

Table 9.6 Main Circuit Breaker Interiors—Will accept plug-on and bolt-on circuit breakers (cont'd.)

Cir- cuit Brea- ker Pole Spac- es [38]	Mai- ns Rat- ing (Am- ps)	Interior Only Catalog Number (Order Branch Circuit Breakers Separately) [39][40]	Main Circuit Breaker Adapter Kits (Less Circuit Breaker)			ept plug-on and bolt-on circuit breakers (cont'd.) NEMA Type 1 Enclosure, Catalog Numbers[41]						Water, Dirt, and Dust Resistant Enclosure Catalog Numbers[41] [42]		
			Main Circuit Breaker Kit	UL Service Entrance Barrier Kit [43]	Circuit Breaker Frame Size[44]	Box 20 in. W x 5.75 in. D[45] or 8.75 in. D[46] [47]	Mono- Flat™ Trim Front [48]	Hinged Trim Front[48]	Mono- Flat™ 3 Point Latch Trim Front [48][49]	Hinged 3 Point Latch Trim Front [48][49]	Type 3R/5/12 20in.Wide x 5.75 in. Deep [50]	Vented Type 3R 26 in. Wide x 8.75 in. Deep[51]	Ht (l- n.)	
	-wide C	abinet[52]—Thr	ee Phase 4-Wi	re										
15 [53]	15– 100	NQ418L1 NQ418L1C	_	_	Select 3-pole QOB or QOB- VH[54]	MH26, MH26BE	NC26 ()	NC26()HR	_	_	MH26WP	_	26	
27 [53]	bac- k-fed	NQ430L1 NQ430L1C				MH32, MH32BE	NC32 ()	NC32()HR	_	_	MH32WP	_	32	
24 [53] 36 [53]		NQ430L2 NQ430L2C NQ442L2 NQ442L2C			Select 3-pole QOB- VH[54] [55]	MH44, MH44BE	NC44 ()	NC44()HR	_	_	MH44WP	-	44	
48 [53]	110- 150 bac-	NQ454L2 NQ454L2C				MH50, MH50BE	NC50 ()	NC50()HR	_	_	MH50WP	_	50	
66 [53]	k-fed	NQ472L2 NQ472L2C				MH56, MH56BE	NC56()	NC56()HR	_	_	MH56WP	_	56	
78 [53]		NQ484L2 NQ484L2C				MH62, MH62BE	NC62()	NC62()HR	_	_	MH62WP	_	62	
18	15–	NQ418L1 NQ418L1C		J NQHJQLLC	HD HG, HJ, HL, or HR	MH38, MH38BE	NC38()	NC38()HR	_	_	MH38WP	_	38	
	100	NQ430L1 NQ430L1C	NQMB2HJ			MH44, MH44BE	NC44 ()	NC44()HR	_	_	MH44WP	_		
30		NQ430L2 NQ430L2C	NQMB2HJ	NQHJQLLC	HD[56], HG[56], HJ, HL, HR[56], JD, JG, JJ, JL, JR[56]; or QB, QD, QG, QJ				_	_		_	44	
42 54	15-	NQ442L2 NQ442L2C NQ454L2				MH50, MH50BE	NC50 ()	NC50()HR	_	_	MH50WP	_	50	
72	225	NQ454L2C NQ472L2 NQ472L2C	NQMB2Q			MH56, MH56BE	NC56 ()	NC56()HR	_	_	_	_	56	
84		NQ484L2 NQ484L2C							_	_		_	$\dagger \dagger$	
30 42		NQ430L4 NQ430L4C NQ442L4 NQ442L4C	NQMB4LA	NQLALLC	LA/LH [57]	MH62, MH62BE	NC62 ()	NC62()HR	NC62V()3P	NC62V()3PHR	MH56WP	MH62D9VWP	62	
54		NQ454L4 NQ454L4				MH68, MH68BE	NC68V()	NC68V()HR	NC68V()3P	NC68V()3PHR	MH68WP	MH68D9VWP	68	
72		NQ472L4 NQ472L4				MH74, MH74BE	NC74V()	NC74V()HR	NC74V()3P	NC74V()3PHR	MH74WP	MH74D9VWP	74	
84	125-	NQ472L4C NQ484L4C				MH80, MH80BE	NC80V()	NC80V()HR	NC80V()3P	NC80V()3PHR	MH80WP	MH80D9VWP	80	
30	400	NQ430L4 NQ430L4C	NQMB6PP- L	NQPPLLLC	LG, LJ, LL	MH62D9[46]	NC62V()	NC62V()HR	NC62V()3P	NC62V()3PHR	_	Factory Assembled Only	62	
42		NQ442L4 NQ442L4C				MH68D9[46]	NC68V()	NC68V()HR	NC68V()3P	NC68V()3PHR	_		68	
54		NQ454L4 NQ454L4C				MH74D9[46]	NC74V()	NC74V()HR	NC74V()3P	NC74V()3PHR	_		74	
72		NQ472L4 NQ472L4C				MH80D9[46]	NC80V()	NC80V()HR	NC80V()3P	NC80V()3PHR	_	_	80	
84		NQ484L4C				MH86D9[46]	NC86V()	NC86V()HR	NC86V()3P	NC86V()3PHR	_		86	
30		NQ430L6C				MH62D9[46]	NC62V()	NC62V()HR	NC62V()3P	NC62V()3PHR	_	Factory	62	
42	125-	NQ442L6C				MH68D9[46]	NC68V() NC74V()	NC68V()HR NC74V()HR	NC68V()3P NC74V()3P	NC68V()3PHR		Assembled Only	68 74	
54 72	600	NQ454L6C NQ472L6C				MH74D9[46] MH80D9[46]	NC74V()	NC74V()HR	NC80V()3P	NC74V()3PHR NC80V()3PHR	_	_	80	
84	┪	NQ484L6C				MH86D9[46]	NC86V()	NC86V()HR	NC86V()3P	NC86V()3PHR			86	

- [38] Please note that some local building codes limit panelboards to 42 circuits, including those that reference 2005 or earlier version of NFPA 70.
- Accepts all QO(B) shown in Tables in Sections 7 and 9. Branch circuit breaker trip ampacity cannot exceed panelboard mains rating. 175 A and 200 A circuit breakers may only be installed *[*391 in single phase 400 A and 600 A NQ Panelboards. Tandem circuit breakers may not be installed.
- "C" suffix indicates copper bussing.
- [41] Enclosure height may increase if accessories including alternate neutral lugs, condo riser neutral assemblies, feed-thru lugs, or sub-feed lugs are installed. 26 in. wide enclosures and trim fronts are required if condo riser neutral assemblies are installed.
- Wall mounting brackets add 0.4 inches to back of MHxxWP enclosures. [42]
- Please select the appropriate UL Service Entrance Kit for UL Service Entrance applications (see U.S. Service Entrance Barrier Kits, page 9-26). [43]
- [44] Circuit breaker interrupt ratings, see the table for each circuit breaker range in Section 7.
- [45] Nominal interior dimensions, see PBA600 for details.
- D9 suffix indicates the 8.75 in. Deep Enclosure required for panelboards wit PowerPacT L Main Breaker, Switch, or Sub-Feed Breaker. See PBA604 for dimensional details.
- [47] If Blank End Walls are desired at both ends of 5.75" deep NEMA 1 Enclosure, select catalog number with "BE" suffix. Both end walls are blank in 8.75" deep enclosures.
- [48] Replace () with "F" for flush mount, or "S" for surface mount.
- Three point latch trim fronts are required for enclosures on panelboards with QO2175, QO2200, QO2175VH, or QO2200VH branch circuit breakers. These breakers take four pole spaces in [49] single phase NQ interiors. [50]
- Enclosure includes trim kit. Nominal enclosure dimensions, see PBA711 for details.
- [51] Vented Type 3R enclosure with three point latch door. Required for outdoor applications with PowerPacT L main breaker, two sub-feed breakers, or sub-feed breaker with trip current >150 A. NEMA 3R enclosures must be bottom fed. Interior nominal dimensions, see PBA603WP for details
- For the NQ14-inch-wide panelboard offer, See NQ 14-inch-wide—240 Vac, 48 Vdc.
- [53] Pole spaces shown are available for branch circuits, with spaces deducted for the back-fed main breaker.
- [54] Do not select a back-fed main for panels to be "Suitable for use as UL service equipment." Select a H frame circuit breaker (and associated main circuit breaker kit) from the list for 225 interiors, for panels to be "Suitable for use as UL service equipment."
- [55] QOB2110VH, QOB2125VH, or QOB2150VH take four pole spaces in NQ single phase interior.
- For single phase applications, order a 3-pole breaker. Example: HDL36100. [56]
- Available for 125-400 A applications. Please order short handle circuit breaker (i.e., LAL36400MB)