

9 PANELBOARDS Table 9.9: Main Lug Interiors—Accepts plug-on and bolt-on circuit breakers

Pole Spaces	Mains Rating	Total Price Interior Front and Enclosure		Interior Only (Order Branch Circuit Breakers Separately)		Type 1 Enclosure						Type 3R, 5, 12 Enclosure Δ			Height (In.)
						Box 20 in. W x 5.75 in.D $\blacksquare$		Mono-Flat [®] Front $\blacklozenge$		Hinged Front		Enclosure 20 in. W x 6.5 in. D			
		Type 1	Type 3R, 5,12	Catalog No. $\blacktriangle$	\$Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price	Catalog No.	\$ Price		
20 in. Wide Cabinet $\square$ —Single Phase 3-Wire															
18	100	1395.	2977.	NQ18L1	785.	MH26	113.	NC26 ()	497.	NC26()HR	620.	MH26WP	2192.	26	
		1474.	3056.	NQ18L1C	864.										
30		1585.	3149.	NQ30L1	945.	MH32		NC32 ()	527.	NC32()HR	657.	MH32WP	2204.	32	
		1675.	3239.	NQ30L1C	1035.										
30	225	1744.	3308.	NQ30L2	1104.	MH32	113.	NC32 ()	527.	NC32()HR	657.	MH32WP	2204.	32	
		1819.	3383.	NQ30L2C	1179.										
42		2002.	3556.	NQ42L2	1340.	MH38		NC38 ()	549.	NC38()HR	687.	MH38WP	2216.	38	
		2080.	3634.	NQ42L2C	1418.										
72★		3073.	4900.	NQ72L2	2297.	MH44		NC44 ()	663.	NC44()HR	830.	MH44WP	2603.	44	
		3206.	5033.	NQ72L2C	2430.										
84★		3521.	5288.	NQ84L2	2679.	MH50		NC50 ()	729.	NC50()HR	912.	MH50WP	2609.	50	
		3677.	5444.	NQ84L2C	2835.										
30	400	2462.	4229.	NQ30L4	1620.	MH50	113.	NC50V ()	729.	NC50V()HR	912.	MH50WP	2609.	50	
		2579.	4346.	NQ30L4C	1737.										
42		2620.	4387.	NQ42L4	1778.				NC68V ()	948.	NC68V()HR	1185.	MH68WP	2742.	68
		2738.	4505.	NQ42L4C	1896.										
84★	600	4853.	6534.	NQ84L4C	3792.	MH68	113.	NC50V ()	729.	NC50V()HR	912.	MH62WP▼	2685.	50/62	
30		2705.	4548.	NQ30L6C	1863.	MH50		NC68V ()	948.	NC68V()HR	1185.	MH80WP▼	2835.	68/80	
42		2861.	4704.	NQ42L6C	2019.	MH50									
84★		5099.	6873.	NQ84L6C	4038.	MH68									
20 in. Wide Cabinet $\square$ —Three Phase 4-Wire															
18	100	1486.	3068.	NQ418L1	876.	MH26	113.	NC26 ()	497.	NC26()HR	620.	MH26WP	2192.	26	
		1561.	3143.	NQ418L1C	951.										
30		1752.	3316.	NQ430L1	1112.	MH32		NC32 ()	527.	NC32()HR	657.	MH32WP	2204.	32	
		1831.	3395.	NQ430L1C	1191.										
30	225	1855.	3419.	NQ430L2	1215.	MH32	113.	NC32 ()	527.	NC32()HR	657.	MH32WP	2204.	32	
		1932.	3496.	NQ430L2C	1292.										
42		2138.	3692.	NQ442L2	1476.	MH38		NC38 ()	549.	NC38()HR	687.	MH38WP	2216.	38	
		2213.	3767.	NQ442L2C	1551.										
54		2559.	4113.	NQ454L2	1898.	MH44		NC44 ()	663.	NC44()HR	830.	MH44WP	2603.	44	
		2655.	4209.	NQ454L2C	1994.										
72★		3307.	5134.	NQ472L2	2531.	MH50		NC50 ()	729.	NC50()HR	912.	MH50WP	2609.	50	
		3436.	5263.	NQ472L2C	2660.										
84★	400	3794.	5561.	NQ484L2	2952.	MH50	113.	NC50V ()	729.	NC50V()HR	912.	MH50WP	2609.	50	
		3944.	5711.	NQ484L2C	3102.										
30		2704.	4471.	NQ430L4	1862.	MH50		NC62V ()	887.	NC62V()HR	1109.	MH62WP	2685.	62	
		2822.	4589.	NQ430L4C	1980.				NC68V ()	948.	NC68V()HR	1185.	MH68WP	2742.	68
42		2854.	4621.	NQ442L4	2012.	MH62		NC50V ()	729.	NC50V()HR	912.	MH62WP▼	2685.	50/62	
		2975.	4742.	NQ442L4C	2133.				NC68V ()	948.	NC68V()HR	1185.	MH80WP▼	2835.	68/80
72★		4449.	6134.	NQ472L4	3449.	MH68									
		4657.	6342.	NQ472L4C	3657.										
84★	600	5327.	7008.	NQ484L4C	4266.	MH68	113.	NC50V ()	729.	NC50V()HR	912.	MH62WP▼	2685.	50/62	
30		2983.	4826.	NQ430L6C	2141.	MH50		NC68V ()	948.	NC68V()HR	1185.	MH80WP▼	2835.	68/80	
42		3116.	4959.	NQ442L6C	2274.	MH50									
84★		5609.	7383.	NQ484L6C	4548.	MH68									

- ▲ "C" suffix indicates copper bussing.
 ■ Embossed mounting holes add a .25 inch standoff to back of MH box.
 ♦ Add "F" for flush, "S" for surface.
 ★ 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 Table 9.17.
 Δ Enclosure includes trim kit.
 □ For 14 in. wide offer, see the Supplemental & Obsolescence Digest.

Panelboard Accessories

I-LINE® Mechanical Interlock, Modifications & Door Kits; Trim Fronts
Class 1630, 1660, 2110, 2120



www.SquareD.com

For the most up-to-date information

I-LINE® Circuit Breaker Mechanical Interlock

Interlock mounts on the I-LINE distribution panel between two I-LINE circuit breakers to prevent both circuit breakers from being "ON" at the same time. The "ON" circuit breaker must be manually switched "OFF" before the other circuit breaker can be switched "ON". Simultaneous circuit breaker positions are ON-OFF, OFF-OFF, and OFF-ON.

Interlock kit is easily field installed and occupies 3 inches of panel circuit breaker mounting space. Kit includes interlock, mounting hardware, and mounting instructions. The interlock kit is UL Listed and authorized for use in UL Listed I-LINE panelboards and switchboards.

Important Application Note: Do not use this interlock to control two circuit breakers being fed from different sources. This application requires the use of key interlocks.

This interlock should only be used to interlock two circuit breakers controlling different loads from a single source.

Circuit Breaker Combination	Mounting Arrangement	Interlock Catalog Number	Price
FA-FA, FH-FH, FC-FC, FI-FI KA-FA, KH-FH, KC-FC, KI-FI KA-KA, KH-KH, KC-KC, KI-KI	Either circuit breaker may be mounted above or below interlock	HFK3DTI▲	\$468.
LA-FA, LA-FH, LA-FC, LA-FI LH-FA, LH-FH, LH-FC, LH-FI LA-KA, LA-KH, LA-KC, LA-KI LH-KA, LH-KH, LH-KC, LH-KI MA-FA, MA-FH, MA-FC, MA-FI MH-FA, MH-FH, MH-FC, MH-FI MA-KA, MA-KH, MA-KC, MA-KI MH-KA, MH-KH, MH-KC, MH-KI	Larger circuit breaker must be mounted BELOW interlock	HFM3DTI▲	468.
LA-LA, LH-LH MA-LA, MH-MH	Either circuit breaker may be mounted above or below interlock	HLM3DTI	468.

▲ IMPORTANT—1- and 2-pole FA frame circuit breakers cannot be used with this interlock kit.
■ Circuit breakers can only be mounted on the side of the I-LINE bus stack as shown in the Digest on pages 8-22 and 8-23.

Note: Cannot be used with I-LIMITER® circuit breakers.

I-LINE Merchandised Main Breaker Modifications

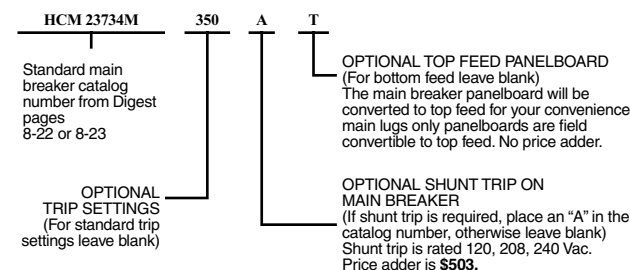
Catalog numbers for I-LINE interiors with the following options can be created to generate quick shipment (within 5 working days). Available options:

- Alternate main breaker trip settings.
- 120 V shunt trip on main breaker.
- Top feed conversion for main breaker panelboards.

To "build" the catalog number:

1. Choose the standard catalog number from the Digest.
2. Determine which options are required and add the suffixes to the standard catalog number.
3. Include price adder for shunt trip if applicable. **Note:** There is no price adder for trip setting changes or top feed conversion.
4. Place the order with Florence or your local Sales office.

Modifications Catalog Number System



Mains Rating	Main Circuit Breaker	Optional Trip Settings
100	FA	60, 70, 80, 90
225	KA	110, 125, 150, 175, 200
400	LA	250, 300, 350
600	MA	450, 500
800	MA	700

Hinged Panelboard Trim Fronts Type 1 Applications Only

Features

- Continuous piano hinge (NF utilizes concealed hinges)
- Permits one person maintenance
- Meets most door-in-door requirements

Hinged Trim

NQOD Fronts		I-LINE Fronts		NF Fronts	
Catalog No. ♦ ★	Price	Catalog No. ♦ ★	Price	Catalog No. ♦ ★	Price
MHC20()HR	\$344.	HC2652T()HR	\$ 480.	NC26()HR	\$413.
MHC23()HR	366.	HC2665T()HR	617.	NC32()HR	438.
MHC26()HR	387.	HC2674T()HR	836.	NC38()HR	458.
MHC29()HR	398.	HC2683T()HR	1038.	NC44()HR	553.
MHC32()HR	413.	HC2692T()HR	1167.	NC50()HR	608.
MHC35()HR	421.	HC3248T()HR	564.	NC56()HR	655.
MHC38()HR	441.	HC3264T()HR	739.	NC62()HR	739.
MHC41()HR	459.	HC3273T()HR	1009.	NC68()HR	790.
MHC44()HR	491.	HC3291T()HR	1419.	NC74()HR	810.
MHC47()HR	491.	HC4250T()HR	865.	NC80()HR	830.
MHC50()HR	528.	HC4259T()HR	965.	NC86()HR	953.
MHC56()HR	563.	HC4268T()HR	1227.	NC50V()HR	608.
MHC62()HR	593.	HC4286T()HR	1567.	NC56V()HR	655.
MHC71()HR	634.	HC4486T()HR	1567.	NC62V()HR	739.
MHC77()HR	647.	...	...	NC68V()HR	790.
MHC50V()HR	528.	...	...	NC74V()HR	810.
MHC53V()HR	551.	...	...	NC80V()HR	830.
MHC56V()HR	563.	...	...	NC86V()HR	953.
MHC59V()HR	580.	...	...	...	...
MHC62V()HR	593.	...	...	...	...
MHC65V()HR	610.	...	...	...	...
MHC68V()HR	630.	...	...	...	...
MHC71V()HR	634.	...	...	...	...
MHC74V()HR	641.	...	...	...	...
MHC77V()HR	641.	...	...	...	...
MHC80V()HR	702.	...	...	...	...
MHC83V()HR	884.	...	...	...	...
MHC86V()HR	927.	...	...	...	...
MHC89V()HR	954.	...	...	...	...



MHC47SHR

I-LINE Door Kits—Field Installable

Panel Type	Catalog Number ♦	Price
HCN	HCN52D()	\$ 51.
	HCN65D()	60.
	HCN74D()	81.
	HCN83D()	91.
	HCN92D()	103.
HCM	HCM48D()	151.
	HCM64D()	169.
	HCM73D()	222.
	HCM91D()	260.
HCW	HCW50D	215.
	HCW59D	234.
	HCW68D	281.
	HCW86D	311.

♦ Add "S" for surface or "F" for flush in place of the parentheses.

★ For welded metal directory, add "WMD" suffix to the end of the catalog number and add \$50. to the price.

NF Main Lug Interiors—Use I-LINE® Panelboards on 480 V 3Ø3W DELTA applications

Max No. of Single Pole EDB Circuit Breakers	Mains Rating	Total Price Interior, Front and Enclosure		Interior Only (Order Branch Circuit Breakers Separately)		NEMA 1 Enclosure				NEMA 3R, 5, 12 Enclosure▼		
						Box 20"W x 5.75"D■		MONO-FLAT® Front♦		Enclosure 20"W x 6.5"D		Height (In.)
		NEMA 1	NEMA 3R, 5, 12	Catalog No.▲	Price	Catalog No.	Price	Catalog No.	Price	Catalog No.	Price	
Single Phase 3-Wire												
12 12 18 18	125	\$1191. 1456. 1297. 1559.	\$2246. 2511. 2352. 2614.	NF12L1 NF12L1C NF18L1 NF18L1C	\$ 785. 1050. 891. 1153.	MH26 MH26 MH26 MH26	\$75. 75. 75. 75.	NC26() NC26() NC26() NC26()	\$331. 331. 331. 331.	MH26WP MH26WP MH26WP MH26WP	\$1461. 1461. 1461. 1461.	26 26 26 26
30 42 40 42 54★ 54★	250	1814. 2085. 2024. 2294. 2199. 2470.	2850. 3121. 3242. 3512. 3377. 3648.	NF30L2 NF30L2C NF42L2 NF42L2C NF54L2 NF54L2C	1373. 1644. 1507. 1777. 1638. 1909.	MH38 MH38 MH44 MH44 MH50 MH50	75. 75. 75. 75. 75. 75.	NC38() NC38() NC44() NC44() NC50() NC50()	366. 366. 442. 442. 486. 486.	MH38WP MH38WP MH44WP MH44WP MH50WP MH50WP	1477. 1477. 1735. 1735. 1739. 1739.	38 38 44 44 50 50
30 42 40 42 54★ 54★	400	2032. 2338. 2210. 2424. 2429. 2610.	3210. 3516. 3379. 3593. 3553. 3734.	NF30L4 NF30L4C NF42L4 NF42L4C NF54L4 NF54L4C	1471. 1777. 1611. 1825. 1763. 1944.	MH50 MH50 MH56 MH56 MH62 MH62	75. 75. 75. 75. 75. 75.	NC50V() NC50V() NC56V() NC56V() NC62V() NC62V()	486. 486. 524. 524. 591. 591.	MH50WP MH50WP MH56WP MH56WP MH62WP MH62WP	1739. 1739. 1768. 1768. 1790. 1790.	50 50 56 56 62 62
30 42 54★	600	2386. 2553. 2759.	1825. 1954. 2093.	NF30L6C NF42L6C NF54L6C	1825. 1954. 2093.	MH50 MH56 MH62	75. 75. 75.	NC50V() NC56V() NC62V()	486. 524. 591.	Factory Assembled Only		50 56 62
30 42 54★	800	FACTORY ASSEMBLED ONLY										
Three Phase 4-Wire												
12 12 18 18 30 30	125	\$1264. 1527. 1370. 1631. 1603. 1867.	\$2319. 2582. 2425. 2686. 2646. 2910.	NF412L1 NF412L1C NF418L1 NF418L1C NF430L1 NF430L1C	\$ 858. 1121. 964. 1225. 1177. 1441.	MH26 MH26 MH26 MH26 MH32 MH32	\$75. 75. 75. 75. 75. 75.	NC26() NC26() NC26() NC26() NC32() NC32()	\$331. 331. 331. 331. 351. 351.	MH26WP MH26WP MH26WP MH26WP MH32WP MH32WP	\$1461. 1461. 1461. 1461. 1469. 1469.	26 26 26 26 32 32
30 30 42 42 54★ 54★	250	1920. 2190. 2129. 2401. 2305. 2575.	2956. 3226. 3347. 3619. 3483. 3753.	NF430L2 NF430L2C NF442L2 NF442L2C NF454L2 NF454L2C	1479. 1749. 1612. 1884. 1744. 2014.	MH38 MH38 MH44 MH44 MH50 MH50	75. 75. 75. 75. 75. 75.	NC38() NC38() NC44() NC44() NC50() NC50()	366. 366. 442. 442. 486. 486.	MH38WP MH38WP MH44WP MH44WP MH50WP MH50WP	1477. 1477. 1735. 1735. 1739. 1739.	38 38 44 44 50 50
30 42 40 42 54★ 54★	400	2205. 2477. 2381. 2596. 2600. 2781.	3383. 3655. 3550. 3765. 3724. 3905.	NF430L4 NF430L4C NF442L4 NF442L4C NF454L4 NF454L4C	1644. 1916. 1782. 1997. 1934. 2115.	MH50 MH50 MH56 MH56 MH62 MH62	75. 75. 75. 75. 75. 75.	NC50V() NC50V() NC56V() NC56V() NC62V() NC62V()	486. 486. 524. 524. 591. 591.	MH50WP MH50WP MH56WP MH56WP MH62WP MH62WP	1739. 1739. 1768. 1768. 1790. 1790.	50 50 56 56 62 62
30 42 54★	600	2558. 2724. 2930.	1997. 2125. 2264.	NF430L6C NF442L6C NF454L6C	1997. 2125. 2264.	MH50 MH56 MH62	75. 75. 75.	NC50V() NC56V() NC62V()	486. 524. 591.	Factory Assembled Only		50 56 62
30 42 54★	800	FACTORY ASSEMBLED ONLY										

- ▲ "C" suffix indicates copper bussing.
■ Embossed mounting holes add a .25 inch standoff to back of MH box.
♦ Add "F" for flush, "S" for surface.
★ Refer to 42 circuit rule—NEC Article 408-14 and 408-15.
▼ Enclosure includes trim kit.

For additional information, reference Catalog #1670CT9601R9/02.