

Accessories



Blank Fillers

Equipment Ground Bar

Solid Neutral

Table 9.108: I-Line Merchandised Panelboard Accessories

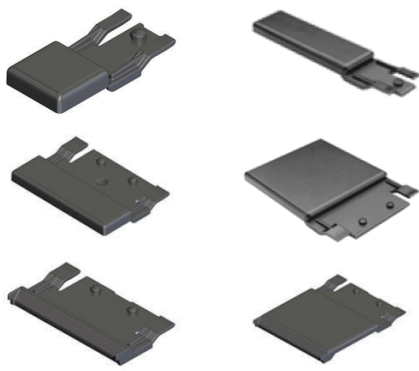
		Description	Catalog No.
Blank Filler Kit—1.5 in. [24] (One kit contains quantity of 3 blank fillers.)			HNM1BL
Blank Filler Kit—4.5 in. [24] (One kit contains quantity of 5 blank fillers.)			HNM4BL
Solid Neutral Assemblies			
	225 A		HC2SN
	400 A		HC4SN [25], HCW4SN [26]
	600 A		HC6SN [25], HCW6SN [26]
	800 A		HC8SN [25], HCW8SN [26]
			HCPSU8SN [27]
			HCPSU8SNCW [27]
	1200 A		HCW12SN [26]
	1200 A, for use with HCR-U universal panel only		HCWM12SN [28]
1200 A, including neutral Current Transformer (CT) for 3Ø4W systems			HCR12SNCTW [28]
Equipment Ground Bar Kits—HCJ, HCP, HCP-SU (single row), HCR-U			PK32DGTGTA
Blank Extensions (For replacement purposes)			
	1.5 in. for mounting on wide side of I-Line panelboard used with HNM1BL and HNM4BL as a filler plate on the wide side of the panel (HCP, HCP-SU and HCRU). Do not use with MicroLogic trip unit as this filler will cover the trip unit. [24]		HLW1BL (Kit contains quantity of 3.)
	4.5 in. for mounting on wide side of I-Line panelboard used with HNM1BL and HNM4BL as a filler plate on the wide side of the panel (HCP, HCP-SU and HCRU). Do not use with MicroLogic trip unit as this filler will cover the trip unit. [24]		HLW4BL (Kit contains quantity of 5.)
	1.5 in. for mounting on narrow side of I-Line panelboard used with HNM1BL and HNM4BL as a filler plate on the narrow side of the panel. Do not use with MicroLogic trip unit as this filler will cover the trip unit. [24]		HLN1BL (Kit contains quantity of 3.)
	4.5 in. for mounting on narrow side of I-Line panelboard used with HNM1BL and HNM4BL as a filler plate on the narrow side of the panel. Do not use with MicroLogic trip unit as this filler will cover the trip unit. [24]		HLN4BL (Kit contains quantity of 5.)
	4.5 in. for mounting on wide side of I-Line panelboard. For use with PowerPacT H and J circuit breakers mounted on the wide side of the panel so that electronic trip unit can be accessed. [24]		HLW4EBL (Kit contains quantity of 5.)
Blank Extensions		4.5 in. for mounting on narrow side of I-Line panelboard. For use with PowerPacT H and J circuit breakers mounted on the narrow side of the panel so that electronic trip unit can be accessed. [24]	HLN4EBL (Kit contains quantity of 5.)

Table 9.109: Blank Extensions

Application	Circuit Breaker Mounting Ht.	Branch Circuit Side	Catalog Number
All applications, except PowerPacT H/J with MicroLogic trip unit 3, 5 and 6	1.5 in.	Wide Side	HLW1BL
	4.5 in.		HLW4BL
All applications, except PowerPacT H/J with MicroLogic trip unit 3, 5 and 6	1.5 in.	Narrow Side	HLN1BL
	4.5 in.		HLN4BL
Only PowerPacT H/J circuit breakers with MicroLogic trip unit 3, 5 and 6	4.5 in.	Narrow Side	HLN4EBL
Only PowerPacT H/J circuit breakers with MicroLogic trip unit 3, 5 and 6	4.5 in.	Wide Side	HLW4EBL

[24] Blank extension and blank filler pricing is per kit. See note on kit number for number included in each kit.

[25] Used on Type HCJ.

[26] Used on 400 A, 600 A, 800 A, and 1200 A HCP (main lugs), and 600 A and 800 A (main circuit breaker).

[27] Used on Type HCP-SU (single row).

[28] Used on Type HCR-U.

Table 9.110: UL Service Entrance Barriers for I-Line Panelboards with Backfeed Main Circuit Breaker^[29]

I-Line Panelboard Type	Backfeed Main Circuit Breaker	Catalog Number ^[30]
HCJ	H, J	ILBFMHCHJULC
HCP	H, J	ILBFMHCPHJULC
	LA, LH, PowerPacT L	ILBFMHCPPLULC
	M, P	ILBFMHCPMPULC
HCR	LA, LH, PowerPacT L	ILBFMHCRPLULC
	M	ILBFMHCRMULC
	P	ILBFMHCRPPULC
	R	ILBFMHCRRLULC

(NOTE: Barriers are required by 2017 version of NFPA70—National Electric Code. Both the 2017 UL67 and 2017 NFPA70 allow an exception for service entrance panelboards with more than one disconnect.)

Table 9.111: UL Service Entrance Barrier Kits for I-Line Vertical Mounted Mains^[29]

Main Circuit Breaker	Determining Factors	Catalog Number ^[30]
MG, MJ	4 wires per phase (for breakers with AL1200P24K or CU1200P24K lug kit)	ILMLC4W
	3 wires per phase (for breakers with AL80023K or CU80023K lug kit)	ILMLC3W
	2 wires per phase (for breakers with AL800P6K or AL800P7K lug kit)	ILMLC2W
PowerPacT L	All instances	PPLLC
LA/LH	All instances	LALLC

(NOTE: Barriers are required by 2017 version of NFPA70—National Electric Code)

Table 9.112: Solid Neutral Lug Quantities and Sizes

Solid Neutral Assembly	Terminal Wire Range
HC2SN	(1) 6 - 300, (9) #1/0 - 14, (45) #4 - 14
HC4SN	(7) 6 - 350, (45) #4 - 14
HC6SN	(7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HC8SN	(7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCP5U8SN	(4) 3/0 - 600, (7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCW4SN	(2) 4 - 600, (7) 6 - 350, (45) #4 - 14
HCW6SN	(4) 3/0 - 750, (7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCW8SN	(4) 3/0 - 750, (7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCW12SN	(4) 3/0 - 750, (7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCWM12SN	(4) 3/0 - 750, (7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HC6SNALCU	(7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HC8SNALCU	(7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCP5U8SNALCU	(4) 3/0 - 600, (7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCP4SNALCU	(2) 4 - 600, (7) 6 - 350, (45) #4 - 14
HCP6SNALCU	(4) 3/0 - 750, (7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCP8SNALCU	(4) 3/0 - 750, (7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCP12SNALCU	(4) 3/0 - 750, (7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCR12SNALCU	(4) 3/0 - 750, (7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HC6SNCU	(7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HC8SNCU	(7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HCP5U8SNCU	(4) 3/0 - 600, (7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HCW4SNCU	(2) 2 - 600, (7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HCW6SNCU	(2) 2 - 600, (7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HCW8SNCU	(4) 3/0 - 750, (7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HCP12SNCU	(4) 3/0 - 750, (7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HCW12SNCU	(7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HCR12SNCU	(4) 3/0 - 750, (7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HCR2SNCTW	(7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCR2SNCTWALCU	(7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCR2SNCTWCU	(7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HCR12SNCTW	(7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCR12SNCTWALCU	(7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCR12SNCTWCU	(7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HCP5U2SNCTW	(7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCP5U2SNCTWALCU	(7) 6 - 350, (9) #1/0 - 14, (34) #4 - 14
HCP5U2SNCTWCU	(7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HCP5U8SNCW	(7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HCP5U12SNCTWALCU	(7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HCP5U12SNCTWCU	(7) 6 - 350, (9) #1/0 - 14, (28) #4 - 14
HCP16NALCU	(35) 350, (9) #1/0 - 14, (17) #4 - 14
HCR24NALCU	(8) 750, (21) 350, (9) #1/0 - 14, (17) #4 - 14
HCP5U16NALCU	(8) 750, (21) 350, (9) #1/0 - 14, (17) #4 - 14

Table 9.113: Panelboard Adapter Kits

Crimp Lug Adapter Kits ^[31]	I-Line Panelboard Type	
	HCJ	HCP, HCR-U ^[32]
400 A	HCM400VCA	HCW400VCA
600 A	HCM600VCA	HCW600VCA
800 A	HCM800VCA	HCW800VCA
1200 A	—	HCW1200VCA

Table 9.114: Type 3R/5/12 Enclosures

Catalog Number	Interior Type	Dimensions (in.)		
		H	W	D
HC4250WP	HCP	50	42	12.95
HC4259WP	HCP	59	42	12.95
HC4268WP	HCP	68	42	12.95
HC4286WP	HCP	86	42	12.95
HC4486WP	HCR-U	86	44	14.50

^[29] For US only.

^[30] For panelboards manufactured after 1 January 2017.

^[31] For use with MLO panel, order VCEL lugs separately.

^[32] Not for use with P- or R-frame circuit breakers or sub-feed kits S33930 or S33931.