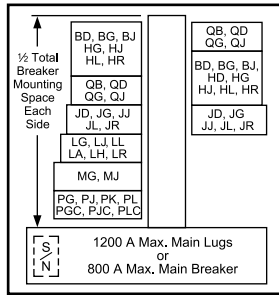


TYPE HCP

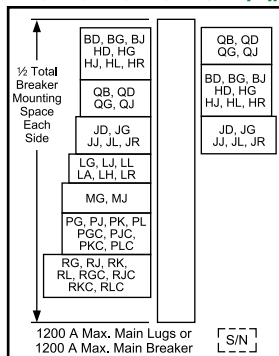
800 A max. branch circuit breaker
BD, BG, BJ, QB, QD, QG, QJ, HD, HG, HJ, HL, HR, JD^[11], JG, JJ, JL, JR, LA, LH, LG, LJ, LL, LR, MG, MJ, PG, PJ, PL, PGC, PJC, PLC^[12]



Box Size:
42 in. Wide, 9.5 in. Deep, NEMA Type 1

TYPE HCR-U Universal Mains

1200 A max. branch circuit breaker
BD, BG, BJ, QB, QD, QG, QJ, HD, HG, HJ, HL, HR, JD^[13], JG, JJ, JL, JR, LA, LH, LG, LJ, LL, LR, MG, MJ, PG, PJ, PK, PL, RG, RJ, RK, RL, PGC, PJC, PKC, PLC, RGC, RJC, RKC, RLC^{[14][12]}



Box Size:
44 in. Wide, 9.5 in. Deep, NEMA Type 1

Table 9.106: (1200 A Interiors Include solid neutral, all others without solid neutral)

[15]

Total Circuit Breaker Mtg. Space (In.)	Mains Amp. Rating	Max. No. of MJ, PL, RL Circuit Breakers	Interior Assembly (Less Branch Circuit Breakers)	Front [16]		Box [17]	Box Height (In.)
				4 Piece Trim Without Door [18]	Trim With Door		
			Catalog Number	Catalog Number	Catalog Number	Catalog Number	
HCP Main Lugs Only—3-pole Suitable for use as service equipment when provided with a main circuit breaker and service barrier kit. [19]							
27	400	1PL	HCP14504	HCW50T()	HCW50T()D	HC4250-DB	50
	600		HCP14506				
	800		HCP14508				
	1200		HCP145012N				
45	400	2PL	HCP23594	HCW59T()	HCW59T()D	HC4259-DB	59
	600		HCP23596				
	800		HCP23598				
	1200		HCP235912N				
63	400	3PL	HCP32684	HCW68T()	HCW68T()D	HC4268-DB	68
	600		HCP32686				
	800		HCP32688				
	1200		HCP326812N				
99	400	5PL	HCP50864	HCW86T()	HCW86T()D	HC4286-DB	86
	600		HCP50866				
	800		HCP50868				
	1200		HCP508612N				
HCP Main Circuit Breaker[20]—Includes 3-pole Vertically mounted main circuit breaker—Suitable for use as service equipment with service barrier kit.[19]							
36	600	2LC	HCP18686M	HCW68T()	HCW68T()D	HC4268-DB	68
	800		HCP18688M				
72	600	4LC	HCP36866M	HCW86T()	HCW86T()D	HC4286-DB	86
	800		HCP36868M				
HCR-U Universal Main Lugs or Main Circuit Breaker [21]—3-pole Suitable for use as service equipment when provided with a main circuit breaker and service barrier kit.[19] For Main Lugs panel, order sub-feed lug kit catalog number S33930 and back feed as main lugs. For Main Circuit Breaker panel, order plug-on I-Line type PG, PJ, PL, RGC, RJC, or RLC [21] circuit breakers from page 9-63 and page 9-64, and back feed as the main circuit breaker. (Order solid neutral separately)							
108 [22]	1200	6PL or 3RLC	HCR548612U	HCR86T() [23]	HCR86T()D	HC4486-DB	86

Table 9.107: Main Circuit Breaker Interiors—Standard Frame Types [20]

Main Circuit Breaker Ampacity	Panelboard Type	Factory Supplied Main Circuit Breaker
400	HCJ	LAP36400MB
600 or 800	HCJ, HCP	MGP36600 or MGP36800

Table 9.108: Standard Copper Bus Interiors

Type	Main Ampacity
HCJ, HCP-SU	800
HCP, HCR-U	800 and Above

NOTE: Merchandised copper interiors are not available in all ampacities.

Table 9.109: Circuit Breaker / Sub-feed Lug Kit Mounting Space Requirement

Type of Circuit Breaker	Maximum Ampacity	No. of Poles	Inch Mounting Requirements	Type of Circuit Breaker	Maximum Ampacity	No. of Poles	Inch Mounting Requirements
BD, BG, BJ	125	1	1.5	JD, JG, JJ, JL, JR, SL250	250	2, 3	4.5
BD, BG, BJ		2	3	LA, LH, SL400	400		6
BD, BG, BJ		3	4.5	LG, LJ, LL, LR	600		6
HD, HG	150	2	3	Smart Cell	NA		6
HD, HG		3	4.5	MG, MJ, SL800, PGC, PJC, PLC	800		9
HJ, HL, HR		2, 3	4.5	PG, PJ, PL, S33931	1200		9
QB, QD, QG, QJ	225	2	3	RG, RJ, RL, RGC, RJC, RLC, S33930			15
QB, QD, QG, QJ	225	3	4.5				

[11] JDA circuit breakers with field installable ground fault kits may be mounted in type HCP, HCP-SU, and HCR-U panelboards as shown, and require L-frame mounting space.

[12] PG, PJ, and PL circuit breakers are available with both thermal-magnetic equivalent and MicroLogic trip. The MicroLogic circuit breakers are available 80% and 100% rated. "C" suffix denotes a 100% rating.

[13] JD circuit breakers with field installable ground fault kits may be mounted in type HCP, HCP-SU, and HCR-U panelboards as shown, and require L-frame mounting space.

[14] When RL main circuit breakers with equipment ground fault are applied on a 3Ø4W system, order solid neutral catalog number HCR12SNCT. The HCR12SNCT includes a neutral current transformer.

[15] Order solid neutral from page 9-51.

[16] Add "F" for flush mount, "S" for surface mount.

[17] For 42 in. wide weatherproof enclosures, see Table 9.116 Type 3R/5/12 Enclosures, page 9-52

[18] Add-on door kit available. Example: For HCW50TS trim kit, order HCW50D door kit.

[19] Suitable for use as service equipment if equipped with an integral main circuit breaker or when not more than six main disconnecting means are provided and the panelboard is not used as a lighting and appliance branch circuit panelboard. (Not applicable in Canada)

[20] Circuit breaker interrupt ratings, see Interrupting Ratings Codes (kA), page 9-58.

[21] When RL main circuit breakers with equipment ground fault are applied on a 3Ø4W system, order solid neutral catalog number HCR12SNCT.

The HCR12SNCT includes a neutral current transformer.

[22] 15 in. of mounting space is taken up by the back fed main lug kit or RG, RJ, RL main circuit breaker, leaving 93 in. of branch circuit breaker mounting space.

[23] Add-on door kit available. Example: For HCR86TS trim kit, order HCW86D door kit.