

## SINGLE-PHASE — MAIN CIRCUIT BREAKER LOADCENTERS 42,000/100,000 AMPERES INTERRUPTING CAPACITY

TABLE 2-5. SINGLE-PHASE 3-WIRE — 120/240 VAC — INSULATED/BONDABLE NEUTRAL

Main Breaker Type	Main Ampere Rating	Maximum Number 3/4-Inch (19.1 mm)		Encl. Type	Box Size	Wire Size Range Cu/Al 60°C or 75°C for Main Breaker	Loadcenter ①		Loadcenter Cover			
		Space	Poles				Catalog Number	UPC Code	Combination ②		Surface	
									Catalog Number	UPC Code	Catalog Number	UPC Code
CHB4 42 kAIC ③	100	20	20	Indoor	C	#6 – 1/0	CH20H100C ④	782113097589	CH8CF	782113098876	CH8CS	782113098869
		20	20	Outdoor	C		CH20H100R ⑤	782113097596	—	—	—	—
		28	28	Indoor	D		CH28H100D ④	782113097800	CH8DF	782113098890	CH8DS	782113098883
		28	28	Outdoor	D		CH28H100R ⑤	782113097817	—	—	—	—
	125	28	28	Indoor	D	#6 – 1/0	CH28H125D ④	782113097848	CH8DF	782113098890	CH8DS	782113098883
		28	28	Outdoor	D		CH28H125R ⑤	782113097855	—	—	—	—
CHH 100 kAIC ⑥	150	32	32	Indoor	L	#2/0 – 300	CH32H150L	782113098067	CH8LF	782113098999	CH8LS	782113098982
		32	32	Outdoor	L		CH32H150R ⑤	782113098074	—	—	—	—
	200	32	32	Indoor	L	#2/0 – 300	CH32H200L	782113098104	CH8LF	782113098999	CH8LS	782113098982
		32	32	Outdoor	L		CH32H200R ⑤	782113098111	—	—	—	—
		42	42	Indoor	L		CH42H200L	782113098197	CH8LF	782113098999	CH8LS	782113098982
		42	42	Outdoor	L		CH42H200R ⑤	782113098203	—	—	—	—
	225	42	42	Indoor	L	#2/0 – 300	CH42H225L	782113098364	CH8LF	782113098999	CH8LS	782113098982
		42	42	Outdoor	L		CH42H225R ⑤	782113098371	—	—	—	—

① All main circuit breaker loadcenters are listed for use as service entrance equipment.

② Combination style covers may be used in surface or flush applications.

③ Series rated for 42 kAIC with all CH, CHT and CHP breakers.

④ Indoor loadcenters can be top or bottom fed by rotating the enclosure and trim – 180 degrees.

⑤ Rainproof panels are furnished with hub closure plates.

⑥ Series rated for 100 kAIC with all CH, CHT and CHP breakers.

## SINGLE-PHASE — MAIN LUG LOADCENTERS

TABLE 2-6. SINGLE-PHASE 3-WIRE — 120/240 VAC — INSULATED/BONDABLE NEUTRAL

Main Ampere Rating	Maximum Number 3/4-Inch (19.1 mm)		Enclosure Type	Type of Trim (Included)	Box Size	Wire Size Range Cu/Al 60°C or 75°C for Main Lugs	Loadcenter		
	Space	Poles					Catalog Number	UPC Code	
40	2	4 ⑦	Indoor	Surface no Door	5	#14 – 6	CH2L40SP ⑧	782114190418	
	2	4 ⑦	Outdoor	—	5R		CH2L40RP ⑧⑨	782114190425	
	2	4 ⑦	Indoor	Flush no Door	5		CH2L40FP ⑧	782114190401	
70	2	4 ⑦	Indoor	Surface no Door	5	#14 – 2	CH2L70SP ⑧	782114190449	
	2	4 ⑦	Outdoor	—	5R		CH2L70RP ⑧⑨	782114190456	
	2	4 ⑦	Indoor	Flush no Door	5		CH2L70FP ⑧	782114190432	
125	2	4 ⑦	Indoor	Surface no Door	6	#14 – 1/0	CH2L125SP ⑧	782114190470	
	2	4 ⑦	Outdoor	—	6R		CH2L125RP ⑧⑨	782114190487	
	2	4 ⑦	Indoor	Flush no Door	6		CH2L125FP ⑧	782114294444	
	4	8 ⑦	8 ⑦	Indoor	Surface no Door	7	#14 – 1/0	CH4L125SP ⑩	782114190500
				Outdoor	—	7R		CH4L125RP ⑩⑪	782114190517
				Indoor	Flush no Door	7		CH4L125FP ⑩	782114190494
	8	16 ⑦	16 ⑦	Indoor	Surface no Door	7	#6 – 1/0	CH8L125SP ⑪	782114190531
				Outdoor	—	7R		CH8L125RP ⑩⑪	782114190548
				Indoor	Flush no Door	7		CH8L125FP ⑪	782114190524

⑦ Requires the use of CHNT breakers.

⑧ Suitable for use as service equipment when not more than two service disconnecting mains are provided or when not used as a lighting and appliance panelboard (see Article 408.34 of the NEC®).

⑨ Rainproof panels are furnished with hub closure plates.

⑩ Suitable for use as service equipment when not more than two service disconnecting mains are provided or when not more than six service disconnecting mains are provided and when not used as a lighting and appliance panelboard (see Article 408.34 of the NEC).

⑪ Suitable for use as service equipment when a main breaker is used or when not more than six service disconnecting mains are provided and when not used as a lighting and appliance panelboard (see Article 408.34 of the NEC).

P Suffix = Specifically packaged for retail sales.

**Dimensions for boxes on Pages 2-18 – 2-19.**