

# 1.1

## Loadcenters and Circuit Breakers

### Type CH Loadcenters and Circuit Breakers

1

#### Three-Phase—Main Lug Loadcenters

#### Three-Phase Four-Wire—208Y/120 Vac or 240 Vac Insulated/Bondable Split Neutral (Unless Otherwise Noted)

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 Catalog Number	Loadcenter Cover Catalog Number	
	Spaces	Poles						Combination	Single
125	6	12 <sup>①</sup>	Indoor	Surface, no door	7	#14–1/0	CH6L3125SP <sup>②③④</sup>	—	—
	6	12 <sup>①</sup>	Outdoor	—	7R	#14–1/0	CH6L3125RP <sup>②③④⑤</sup>	—	—
	6	12 <sup>①</sup>	Indoor	Flush, no door	7	#14–1/0	CH6L3125FP <sup>②③④</sup>	—	—
	12	12	Indoor	—	B	#6–2/0	CH12L3125B <sup>⑥⑦</sup>	CH8BF	CH8BS
	12	12	Outdoor	—	B	#6–2/0	CH12L3125R <sup>⑥⑥⑦</sup>	—	—
	18	18	Indoor	—	C	#6–2/0	CH18L3125C <sup>⑥⑦</sup>	CH8CF	CH8CS
	18	18	Outdoor	—	C	#6–2/0	CH18L3125R <sup>⑥⑦⑧</sup>	—	—
	24	24	Indoor	—	C	#6–2/0	CH24L3125C <sup>⑥⑦</sup>	CH8CF	CH8CS
150	30	30	Indoor	—	D	#4–300 kcmil	CH30L3150D <sup>⑥⑦</sup>	CH8DF	CH8DS
	30	30	Outdoor	—	D	#4–300 kcmil	CH30L3150R <sup>⑥⑥⑨</sup>	—	—
225	24	24	Indoor	—	D	#4–300 kcmil	CH24L3225D <sup>⑥⑦</sup>	CH8DF	CH8DS
	24	24	Outdoor	—	D	#4–300 kcmil	CH24L3225R <sup>⑥⑥⑨</sup>	—	—
	30	30	Indoor	—	D	#4–300 kcmil	CH30L3225D <sup>⑥⑦</sup>	CH8DF	CH8DS
	30	30	Outdoor	—	D	#4–300 kcmil	CH30L3225R <sup>⑥⑥⑨</sup>	—	—
	42	42	Indoor	—	G	#4–300 kcmil	CH42L3225G <sup>⑥⑨</sup>	CH8GF	CH8GS
	42	42	Outdoor	—	G	#4–300 kcmil	CH42L3225R <sup>⑥⑥⑨</sup>	—	—
400	42	42	Indoor	—	P	(2) 1/0–300 kcmil (1) 750 kcmil	CH424PL400 <sup>⑩⑪</sup>	CH7PF <sup>⑫</sup>	CH7PS

#### Notes

- ① Requires the use of Type CHT breakers.
- ② Suitable for use as service equipment when not more than two service disconnecting means are provided or when not more than six service disconnecting means are provided and when not used as a lighting and appliance panelboard.
- ③ Ground bar kits priced separately, see **Page V1-T1-24**.
  - Use GBK10 ground bar
  - Ground bars mount to the left side wall of the enclosure.
- ④ Insulated/bondable single neutral.
- ⑤ Rainproof loadcenters are furnished with hub closure plates. For rainproof hubs, refer to **Page V1-T1-24**.
- ⑥ Ground bar Type GBK14 is installed.
- ⑦ Suitable for use as service equipment when a circuit breaker is used as a main breaker. The main breaker is backfed and requires hold-down bracket kit catalog number Type **CH125RB**. Suitable for use as service equipment when not more than six service disconnecting means are provided and when not used as a lighting and appliance panelboard.
- ⑧ Ground bar Type GBK21 is installed.
- ⑨ Suitable for use as service equipment when a circuit breaker is used as a main breaker. The main breaker is backfed and requires hold-down kit catalog number Type **CH125RB**.
- ⑩ For ground bar kits, see **Page V1-T1-24**.
- ⑪ Suitable for use as service equipment when a circuit breaker is used as a main breaker. The main breaker is backfed and must be a Type CHB. **The breaker cannot be a Type CH.**
- ⑫ This cover for flush application only (not combination).

Box sizes **Pages V1-T1-29** and **V1-T1-30**.