

1.1

Loadcenters and Circuit Breakers

Type CH Loadcenters and Circuit Breakers

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Spa Panels



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CH Specialty Products

Spa Panels

Product Description

Eaton’s CH Spa Panels are premium factory-assembled “combination” units that provide ground fault protection, as well as a convenient way to turn spa pumps on and off. The NEC requires that all pool and spa pumps be protected by a ground fault interrupter and a disconnect switch mounted within 10 feet of the tub or the spa.

Features

- Two extra circuits for additional loads (120 V single-pole breakers only)
- Limited lifetime warranty
- UL Listed
- Tough powder-coated galvanized steel enclosure
- Factory-installed two-pole ground fault circuit interrupter (GFCI)

Product Selection

CH Spa Panel



Single-Phase Three-Wire— 120/240 Vac Insulated/Bondable Neutral— Factory-Installed Ground Bar

Main Ampere Rating	Circuit Breaker Included	Enclosure Type	Type of Trim Included	Box Size	Wire Size Range Cu/Al 60 °C or 75 °C for Main Lugs	Catalog Number
30	CHN230GF	Outdoor	—	5R	#14–1/0	CHSPA30 ^①
40	CHN240GF	Outdoor	—	5R	#14–1/0	CHSPA40 ^②
50	CHN250GF	Outdoor	—	5R	#14–1/0	CHSPA50 ^③
60	CHN260GF	Outdoor	—	5R	#14–1/0	CHSPA60 ^④

Notes

- ① Includes a CHN230GF breaker, factory installed, and two extra circuits for convenience.
- ② Includes a CHN240GF breaker, factory installed, and two extra circuits for convenience.
- ③ Includes a CHN250GF breaker, factory installed, and two extra circuits for convenience.
- ④ Includes a CHN260GF breaker, factory installed, and two extra circuits for convenience.

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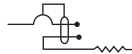


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Plug-on Ground Fault Circuit Breakers, Type CH, 120 Vac and 120/240 Vac, 10 kAIC

Type CH Single-Pole



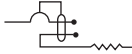

Type CH Ground Fault Circuit Breakers (5 mA) 3/4-Inch (19.1 mm) per Pole, 120 Vac or 120/240 Vac, 10 kAIC

Ampere Rating	Wire Size Range Cu/Al 60 °C or 75 °C ①	Catalog Number—1 per Shelf Carton		
		Single-Pole 120 Vac, Pigtail Neutral Requires One 3/4-Inch (19.1 mm) Space	Single-Pole 120 Vac, Plug-on Neutral Requires One 3/4-Inch (19.1 mm) Space	Two-Pole 120/240 Vac Common Trip Requires Two 3/4-Inch (19.1 mm) Spaces
15	#14–6	 CHFN115GF	 CHFP115GF	 CHN215GF ②
20	#14–6	CHFN120GF	CHFP120GF	CHN220GF ②
25	#14–6	CHFN125GF	—	CHN225GF ②
30	#14–6	CHFN130GF	—	CHN230GF ②
35	#14–6	—	—	CHN235GF ②
40	#14–6	—	—	CHN240GF ②
45	#14–6	—	—	CHN245GF ②
50	#14–6	—	—	CHN250GF ②
60	#14–6 ①	—	—	CHN260GF ②

Type CH Two-Pole



Type CH Ground Fault Equipment Protectors (30 mA) 3/4-Inch (19.1 mm) per Pole, 120 Vac or 120/240 Vac, 10 kAIC

Ampere Rating	Wire Size Range Cu/Al 60 °C or 75 °C ①	Catalog Number—1 per Shelf Carton	
		Single-Pole 120 Vac Requires One 3/4-Inch (19.1 mm) Space	Two-Pole 120/240 Vac Common Trip Requires Two 3/4-Inch (19.1 mm) Spaces
15	#14–6	 CHFEP115	 CH215EPD
20	#14–6	CHFEP120	CH220EPD
25	#14–6	CHFEP125	CH225EPD
30	#14–6	CHFEP130	CH230EPD
40	#14–6	—	CH240EPD
50	#14–6	—	CH250EPD
60	#14–6 ①	—	CH260EPD

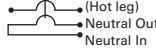

Type CH Switching Neutral Breakers, 120 Vac and 120/240 Vac, 10 kAIC

Used to open the neutral along power line(s) for applications of gas pumps.

CH220SW



3/4-Inch (19.1 mm) per Pole, 120/240 or 240 Vac, 10 kAIC

Ampere Rating	Wire Size Range Cu/Al 60 °C or 75 °C	Catalog Number—1 per Shelf Carton	
		Two-Pole 120 Vac Common Trip Requires Two 3/4-Inch (19.1 mm) Spaces	Three-Pole 120/240 Vac Common Trip Requires Three 3/4-Inch (19.1 mm) Spaces
15	#14–8	 CH215SW ③	 CH315SW ④
20	#14–8	CH220SW ③	CH320SW ④
30	#14–8	CH230SW ③	CH330SW ④
40	#14–8	CH240SW ③	CH340SW ④
50	#14–8	CH250SW ③	CH350SW ④

Notes

- ① 60 A breaker listed for 75 °C Cu wire only.
- ② “CHN” two-pole breakers are redesigned to fit into the plug-on neutral loadcenter without interfering with the neutral bar.
- ③ For circuit breakers with shunt trip, add ST suffix. Shunt trip requires one additional pole space.
- ④ Switching duty rated.