

Product Selection

10 kAIC, 120 Vac, 120/240 Vac and 240 Vac

Type CH Plug-on
Circuit Breakers

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

Ampere Rating	Wire Size Range Cu/Al 60 °C or 75 °C	Catalog Number		
		Single-Pole 120/240 Vac Requires One 3/4-Inch (19.1 mm) Space 10 per Shelf Carton	Two-Pole 120/240 Vac Common Trip Requires Two 3/4-Inch (19.1 mm) Spaces 5 per Shelf Carton	Three-Pole 240 Vac Common Trip Requires Three 3/4-Inch (19.1 mm) Spaces 5 per Shelf Carton
10	(1) #14–8 ①	CH110	CH210	CH310
15	(2) #14–10 ①② (1) #14–6 ③	CH115 ⑤⑥	CH215 ⑥	CH315 ⑥
20		CH120 ⑤⑥	CH220 ⑥	CH320 ⑥
25		CH125 ⑥	CH225 ⑥	CH325 ⑥
30		CH130 ⑥	CH230 ⑥	CH330 ⑥
35	#14–2 ① #14–6 ③	CH135 ⑥	CH235 ⑥	CH335 ⑥
40	#10–1/0 ④	CH140 ⑥	CH240 ⑥	CH340 ⑥
45	#14–2 #3/0	CH145 ⑥	CH245 ⑥	CH345 ⑥
50		CH150 ⑥	CH250 ⑥	CH350 ⑥
60		CH160	CH260	CH360
70		CH170	CH270	CH370
80		—	CH280	CH3080
90		—	CH290	CH3090
100		—	CH2100	CH3100
110		—	CH2110	—
125		—	CH2125	—

Type CH Plug-on
Circuit Breakers

CHF Breakers with Mechanical Trip Flag

Ampere Rating	Wire Size Range Cu/Al 60 °C or 75 °C	Catalog Number	
		Single-Pole 120/240 Vac Requires One 3/4-Inch (19.1 mm) Space 10 per Shelf Carton	Two-Pole 120/240 Vac Common Trip Requires Two 3/4-Inch (19.1 mm) Spaces 5 per Shelf Carton
10	(1) #14–8 ①	CHF110	CHF210
15	(2) #14–10 ①②	CHF115 ⑤⑥	CHF215 ⑥
20		CHF120 ⑤⑥	CHF220 ⑥
25		CHF125 ⑥	CHF225 ⑥
30		CHF130 ⑥	CHF230 ⑥
35	#14–2 ①	CHF135 ⑥	CHF235 ⑥
40	#14–4 ④	CHF140 ⑥	CHF240 ⑥
45		CHF145 ⑥	CHF245 ⑥
50		CHF150 ⑥	CHF250 ⑥

Notes

- ① For single- and two-pole breakers.
- ② Solid and stranded wire can be used together.
- ③ For three-pole breakers.
- ④ Single-pole and two-pole 40–50 A.
- ⑤ Switching duty rated.
- ⑥ HACR rated.

For factory-installed options, refer to **Page V1-T1-43**.

Type CH AF/GF Single-Pole Circuit Breaker**Type CH AFCI Single-Pole Circuit Breaker****Dual Function Arc Fault/Ground Fault 3/4-Inch (19.1 mm) Wide Circuit Breakers, Type CH, 120 Vac—10 kAIC ^{①②}**

Poles	Ampere Rating	Configuration	Catalog Number
Single-pole 10 kAIC	15	Combination AFCI GFCI	CHFAFGF115 ^③
	20	Combination AFCI GFCI	CHFAFGF120 ^③
Single-pole, plug-on neutral 10 kAIC	15	Combination AFCI GFCI	CHFAFGF115PN
	20	Combination AFCI GFCI	CHFAFGF120PN

Plug-on Branch Feeder Type Arc Fault Circuit Breakers, Type CH 10 kAIC, 120 Vac and 120/240 Vac**Type CH AFCI Single-Pole Circuit Breaker****Combination Type CH AFCI 3/4-Inch (19.1 mm) Wide Circuit Breakers**

Poles	Ampere Rating	Catalog Number
Standard Pigtail		
Single-pole 10 kAIC	15	CHFCAF115
	20	CHFCAF120
Two-pole 10 kAIC	15	CH215CAF
	20	CH220CAF

Plug-on Neutral Combination Type Arc Fault Circuit Breakers and Ground Fault, Type CH 10 kAIC, 120 Vac and 120/240 Vac ^④**Type CH AFCI Single-Pole PON Combo Circuit Breaker****Combination Type CH AFCI 3/4-Inch (19.1 mm) and CHGFCI Circuit Breakers**

Poles	Ampere Rating	Configuration	Catalog Number
Single-pole 10 kAIC	15	AFCI plug-on neutral	CHFCAF115PN
	20	AFCI plug-on neutral	CHFCAF120PN
	15	GFCI plug-on neutral	CHFGFT115PN
	20		CHFGFT120PN
	25		CHFGFT125PN
	30		CHFGFT130PN

Notes

- ^① Breaker qualifies as combination arc fault, per UL 1699.
- ^② Breaker qualifies as personnel protection ground fault, (5 mA) per UL 943.
- ^③ Clamshell packaging available with CS modification code on the end of catalog number.
- ^④ Requires plug-on neutral loadcenter.

Common trip refers to two-pole 240 V load application sourced by 120/240 Vac (see diagram on **Page V1-T1-44**).
Independent trip refers to two-pole multi-wire, home run or shared neutral circuits (see diagrams on **Page V1-T1-44**).