

HOM Circuit Breakers

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Circuit Breaker Type	Plug-on	HOM		HOM-CAFI	HOM-DF	HOM-GFI		HOM-EPD		HOMT
	Bolt-on	—	—	—	—	—	—	—	—	—
Number of Poles	Unit Mount	1	2	1, 2	1	1	2	1	2	1
Current Range (A)		15–50	15–200 [18]	15–20	15–20	15–20	15–50	15–20	15–50	15–50 [19]
Interrupting Ratings										
UL/CSA Rating (kA) (50/60 Hz)	120 Vac	10	10	10	10	10	10	10	10	10
	120/240 Vac	10	10	10	—	—	10	—	10	10
	208Y/120	—	—	—	—	—	—	—	—	—
	240 Vac [20]	—	—	—	—	—	—	—	—	—
	277 Vac	—	—	—	—	—	—	—	—	—
DC Ratings	480Y/277 Vac	—	—	—	—	—	—	—	—	—
	48 Vdc	—	—	—	—	—	—	—	—	—
	60 Vdc	—	—	—	—	—	—	—	—	—
	65 Vdc	—	—	—	—	—	—	—	—	—
	125 Vdc	—	—	—	—	—	—	—	—	—
IEC 60947-2 (50/60 Hz) [21]	250 Vdc	—	—	—	—	—	—	—	—	—
	IEC (Icu)	—	—	—	—	—	—	—	—	—
Special Ratings										
CCC		—	—	—	—	—	—	—	—	—
Fed. Specs W-C-375B/GEN		X	X	X	X	X	X	X	X	X
Other Standard		HACR [22] NOM			HACR [22]					
Accessories and Modifications										
Shunt Trip [23]		—	—	—	—	—	—	—	—	—
Undervoltage Trip		—	—	—	—	—	—	—	—	—
Auxiliary Switches [23]		—	—	—	—	—	—	—	—	—
Alarm Switch [23]		—	—	—	—	—	—	—	—	—
Handle Operators		—	—	—	—	—	—	—	—	—
Handle Padlock Attachment		X	X	X	X	—	—	—	—	X [24]
Trip System Type										
Thermal-magnetic		X	X	X	X	X	X	X	X	X
Molded Case Switch		—	—	—	—	—	—	—	—	—
Dimensions (1P Unit Mount)										
Dimensions (1P Unit Mount) in. (mm)	Height					3.13 (79)				
	Width					1.00 (25)				
	Depth					2.98 (76)				
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[18] 2P 150–200 A requires 4P width.
 [19] HOMT tandem is 30 A maximum. HOMT quad tandem has 20 A maximum on outside poles, and 50 A maximum on the inside poles.
 [20] See the Supplemental Digest, Section 3 for 3Ø corner grounded systems.
 [21] See the Supplemental Digest Section 10 for circuit breakers with IEC ratings.
 [22] HACR on HOM 1P 15–50 A and 2P 15–100 A.
 [23] Factory-installed option only.
 [24] Handle padlock attachment available for HOMT quad tandem only.

Homeline Plug-On Circuit Breakers

The Square D Homeline circuit breakers are in a 1 in. wide format for 1-pole circuit breakers. They are designed to plug into Homeline load centers.

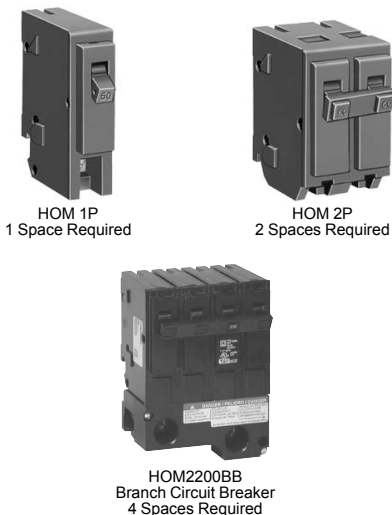


Table 7.29: HOM

Ampere Rating	AIR	1P—120/240 Vac Cat. No.	2P—120/240 Vac Common Trip Cat. No.
15 A	10 kA	HOM115 [1][2]	HOM215 [2]
20 A	10 kA	HOM120 [1][2]	HOM220 [2]
25 A	10 kA	HOM125 [2]	HOM225 [2]
30 A	10 kA	HOM130 [2]	HOM230 [2]
35 A	10 kA	—	HOM235 [2]
40 A	10 kA	HOM140 [2]	HOM240 [2]
45 A	10 kA	—	HOM245 [2]
50 A	10 kA	HOM150 [2]	HOM250 [2]
60 A	10 kA	—	HOM260 [2]
70 A	10 kA	—	HOM270 [2]
80 A	10 kA	—	HOM280 [2]
90 A	10 kA	—	HOM290 [2]
100 A	10 kA	—	HOM2100 [2]
110 A	10 kA	—	HOM2110 [2]
125 A	10 kA	—	HOM2125 [2]
150 A	10 kA	—	HOM2150BB [2][3]
175 A	10 kA	—	HOM2175BB [2][3]
200 A	10 kA	—	HOM2200BB [2][3]

Homeline High Magnetic (HM) Circuit Breakers

High magnetic trip circuit breakers are recommended for applications where high initial inrush current may occur.

Table 7.30: HOM-HM

Amperes	1P—120/240 Vac	2Ps
15 A	HOM115HM [4]	—
20 A	HOM120HM [4]	—

Homeline Combination Arc Fault Circuit Interruptors (HOM-CAFI)

Homeline Combination Arc Fault Circuit Interruptors—Provide overload and short circuit protection, plus arc fault protection in accordance with the NEC and UL 1699.



Table 7.31: HOM-CAFI

Circuit Breaker Type	Ampere Rating	Poles 120 Vac	Cat. No.
One-Pole			
Combination Arc-Fault Circuit Interrupter with Pigtail Neutral	15 A	1	HOM115CAFI [4]
	20 A	1	HOM120CAFI [4]
Plug-On Neutral Combination Arc-Fault Interrupter	15 A	1	HOM115PCAIFI [4]
	20 A	1	HOM120PCAIFI [4]
Two-Pole			
Combination Arc-Fault Circuit Interrupter with Pigtail Neutral	15 A	2	HOM215CAFI [4] [5]
	20 A	2	HOM220CAFI [4] [5]

Homeline Dual Function Circuit Breaker (HOM-DF)

Homeline Combination Arc Fault and Ground Fault Circuit Interrupters (Dual Function)—Provide overload and short circuit protection, plus arc fault and ground fault protection in a single device in accordance with the NEC, UL1699 and UL943.



Table 7.32: HOM-DF

Circuit Breaker Type	Ampere Rating	Poles 120 Vac	Cat. No.
Combination Arc-Fault and Ground Fault Circuit Interrupter with Pigtail Neutral	15 A	1	HOM115DF [4]
	20 A	1	HOM120DF [4]
Plug-On Neutral Combination Arc-Fault and Ground Fault Circuit Interrupter	15 A	1	HOM115PDF [4]
	20 A	1	HOM120PDF [4]

[1] UL Listed as SWD (switching duty) rated. Suitable for switching 120 Vac fluorescent lighting loads.
 [2] UL Listed as HACR type for use with air conditioning, heating and refrigeration equipment haing motor group combinations and marked for use with HACR type circuit breakers.
 [3] Requires four spaces (1 AWG–300 kcmil Al/Cu). Use only in 1Ø panel rated 150 A or greater.
 [4] UL Listed as HACR type for use with air conditioning, heating and refrigeration equipment haing motor group combinations and marked for use with HACR type circuit breakers.
 [5] For 120/240 V only, not for 208Y/120 V.