

Homeline® 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 that are available from 4 to 42 circuits.

The Square D exclusive Qwik-Open® mechanism, with a trip reaction within 1/60th of a second, is standard on all 15 A and 20 A circuit breakers.

Table 1.34: HOM

Ampere Rating	AIR	1P—120/240 Vac		2P—120/240 Vac Common Trip	
		Cat. No.	\$ Price	Cat. No.	\$ Price
15 A	10 kA	HOM115▲	17.50	HOM215■	40.30
20 A	10 kA	HOM120▲	17.50	HOM220■	40.30
25 A	10 kA	HOM125■	17.50	HOM225■	40.30
30 A	10 kA	HOM130■	17.50	HOM230■	40.30
35 A	10 kA	—	—	HOM235■	40.30
40 A	10 kA	HOM140■	17.50	HOM240■	40.30
45 A	10 kA	—	—	HOM245■	40.30
50 A	10 kA	HOM150■	17.50	HOM250■	40.30
60 A	10 kA	—	—	HOM260■	40.30
70 A	10 kA	—	—	HOM270■	82.00
80 A	10 kA	—	—	HOM280■	112.00
90 A	10 kA	—	—	HOM290■	112.00
100 A	10 kA	—	—	HOM2100■	112.00
110 A	10 kA	—	—	HOM2110■	246.00
125 A	10 kA	—	—	HOM2125■	246.00
150 A	10 kA	—	—	HOM2150BB◆	285.00
175 A	10 kA	—	—	HOM2175BB◆	285.00
200 A	10 kA	—	—	HOM2200BB◆	285.00

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

Table 1.35: HOM-HM

Amperes	1P—120/240 Vac		2Ps
	Cat. No.	\$ Price	
15 A	HOM115HM■	18.40	—
20 A	HOM120HM■	18.40	—

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

Table 1.36: HOM-AFI

Circuit Breaker Type	Ampere Rating	Poles 120 Vac	Cat. No.		\$ Price
			15 A	20 A	
Arc-fault Circuit Interrupter	15 A	1	HOM115AFI■	150.00	
	20 A	1	HOM120AFI■	150.00	
Combination Arc-fault Circuit interrupter	15 A	1	HOM115CAFI■	150.00	
	20 A	1	HOM120CAFI■	150.00	

HOM-GFI circuit breakers provide overload and short circuit protection, combined with Class A ground fault protection. Class A denotes a ground fault circuit interrupter that will trip when a fault current to ground is 6 milliamperes or more.

Table 1.37: HOM-GFI

Ampere Rating	AIR	1P—120 Vac		2P—120/240 Vac Common Trip	
		1 Space Required		2 Spaces Required	
		Cat. No.	\$ Price	Cat. No.	\$ Price
15 A	10 kA	HOM115GFI	141.00	HOM215GFI	275.00
20 A	10 kA	HOM120GFI	141.00	HOM220GFI	275.00
30 A	10 kA	—	—	HOM230GFI	275.00
40 A	10 kA	—	—	HOM240GFI	275.00
50 A	10 kA	—	—	HOM250GFI	275.00

Table 1.38: HOM-EPD—10 k AIR

Homeline Equipment Protection Device—Circuit Breakers with 30 mA Equipment Ground Fault Protection (UL Listed)

Amperes	1P—120 Vac		2P—120/240 Vac Common Trip	
	Cat. No.	\$ Price	Cat. No.	\$ Price
15 A	HOM115EPD	249.00	HOM215EPD	440.00
20 A	HOM120EPD	249.00	HOM220EPD	440.00
25 A	—	—	HOM225EPD	440.00
30 A	—	—	HOM230EPD	440.00
40 A	—	—	HOM240EPD	440.00
50 A	—	—	HOM250EPD	440.00

Plug-On Circuit Breakers

Class 1170 / Refer to Catalog 1100CT0501

Table 1.39: HOMET Tandem Circuit Breakers

Ampere Rating ★	AIR	1P Tandem—120/240 Vac (One Space Required)	
		Cat. No.	\$ Price
15 and 15 A	10 kA	HOMET1515■	34.90
15 and 20 A	10 kA	HOMET1520■	34.90
20 and 20 A	10 kA	HOMET2020■	34.90
30 and 15 A	10 kA	HOMET3015■	34.90
30 and 20 A	10 kA	HOMET3020■	34.90

- ▲ UL Listed as SWD (switching duty) rated. Suitable for switching 120 Vac fluorescent lighting loads.
- UL Listed as HACR type for use with air conditioning, heating and refrigeration equipment having motor group combinations and marked for use with HACR type circuit breakers.

Table 1.40: HOMET Quad Tandem Circuit Breakers

Ampere Rating ★	AIR	2P Tandem—120/240 Vac (Two Spaces Required)		
		1P	2P	
(2) 15 A	15 A	10 kA	HOMET1515215■	80.00
(2) 15 A	20 A	10 kA	HOMET1515220■	80.00
(2) 15 A	25 A	10 kA	HOMET1515225■	80.00
(2) 15 A	30 A	10 kA	HOMET1515230■	80.00
(2) 15 A	40 A	10 kA	HOMET1515240■	80.00
(2) 15 A	50 A	10 kA	HOMET1515250■	80.00
(2) 20 A	20 A	10 kA	HOMET2020220■	80.00
(2) 20 A	25 A	10 kA	HOMET2020225■	80.00
(2) 20 A	30 A	10 kA	HOMET2020230■	80.00
(2) 20 A	40 A	10 kA	HOMET2020240■	80.00
(2) 20 A	50 A	10 kA	HOMET2020250■	80.00

Note: Typical catalog number (e.g. HOMET 1515230) represents two 1P, outer poles (two 15 A 1P CBs) and one 2P inner circuit breaker with common trip (one 30 A 2P CB).

Table 1.41: Circuit Breaker Wire Sizes▼

Breaker Type	Ampere Rating	Wire Size (AWG/kcmil)	
		Aluminum	Copper
HOM 1P	15–30 A	14–8 AWG	14–8 AWG or (2) 14–10 AWG
	40–50 A	8–2 AWG	8–2 AWG
HOM 2P	15–30 A	14–8 AWG	14–8 AWG or (2) 14–10 AWG
	35–70 A	8–2 AWG	8–2 AWG
	80–125 A	4–2/0 AWG	4–2/0 AWG
	150–200 A	4 AWG–300 kcmil	4 AWG–300 kcmil
HOMET and Quad	15–30 A	14–8 AWG	14–8 AWG
	Quad Only	6–12 AWG	6–14 AWG
HOM-GFI - 1P	15–20 A	14–10 AWG	14–10 AWG
HOM-GFI - 2P	15–50 A	12–4 AWG	14–6 AWG

Table 1.42: Accessories

Description	Cat. No.	\$ Price	
Handle Attachments			
Handle Tie: Converts any two adjacent 120/240 Vac single HOM circuit breakers to independent trip 2P	HOM1HT□	2.30	
Handle Tie: Converts any two adjacent 120/240 Vac 1P side-by-side HOMET circuit breakers to independent trip 2P	HOMTHT□	2.50	
Handle Clamp: Clamp for holding HOM 1P handle in the ON or OFF position	QO1LO◇	2.50	
Handle Blocking Device: Attaches to standard HOM 2P circuit breakers for holding the handle in the OFF position	HOM2HBD□	7.10	
Handle Padlock Attachment: For padlocking 1P Standard HOM breakers in the ON or OFF position.	HOM1PA□	6.60	
Handle Padlock Attachment: For padlocking 2P Standard HOM circuit breakers in ON or OFF position	15–70 A	HOM2PALA□	6.60
	80–125 A	HOM2PAHA□	6.60
Handle Padlock Attachment: For padlocking center poles of Homeline Quad breakers in the OFF position.	150–200 A	HOM2PAVHA□	33.60
	—	HOMQPA	6.60
Handle Padlock Attachment: For padlocking main circuit breakers in convertible load center in OFF position	50–125 A	QOM1PA◇	7.20
	100–225 A	QOM2PA◇	7.20
Sub-Feed Lugs			
125 A 2P plug-on—2 spaces required	HOML2125	31.70	
225 A 2P plug-on—4 spaces required	HOML2225◆	197.00	

- ◆ Requires four spaces (1 AWG–300 kcmil Al/Cu). Use only in 1Ø panel rated 150 A or greater.
- ★ 15–20 A tandem or quad tandem circuit breakers are suitable for use with 60°C or 75°C conductors. 25–50 A tandem or quad tandem circuit breakers are suitable for use with 75°C conductors only.
- ▼ 15–30 A circuit breakers are suitable for use with 60°C or 75°C conductors. 40–125 A circuit breakers are suitable for use with 75°C conductors.
- △ 50–125 A QOM1 frame size; 100–225 A QOM2 frame size.
- DE3C Discount Schedule
- ◇ DE2E Discount Schedule

HOM 1P
1 Space Required

HOM 2P
2 Spaces Required

HOM2200BB
Branch
Circuit Breaker
4 Spaces Required

HOMET Quad Circuit
Breaker
2 Space Required

HOM 1P AFI
(Arc Fault Circuit
Interrupter)
1 Space Required

HOM 1P GFI
(With Ground Fault
Circuit Interrupter)
1 S ired

HOM 2P GFI
(With Ground Fault
Circuit Interrupter)
2 Spaces Required

LOAD CENTERS



Circuit Breaker Type	HOM Circuit Breakers								QO® Circuit Breakers																			
	Plug-on	HOM	HOM-AFI	HOM-GFI	HOM-EPD	HOMT	QO	QO-H	QO-VH	QO-VH	QH	QOT	QO-AFI	QO-VHAFI	QO-GFI	QO-VHGF1	QO-EPD											
	Bolt-on	—	—	—	—	—	QOB	QOB-H	—	—	—	—	QOB-VH	QHB	—	QOB-AFI	QOB-VHAFI	QOB-GFI	QOB-VHGF1	QOB-EPD								
Unit Mount	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—								
Number of Poles	1	2	1	1	2	1	2	1	1	2	3	2	1	2	3	1	2,3 ▲	1,2	3	1	1	1	1	2	1	1	2	
Current Range	15-50	15-200♦	15-20	15-20	15-50	15-20	15-50	15-50	15-50	10-100	10-200♦	10-100	15-100	15-30	15-125	15-100	15-30	15-150	15-30	15-30	15-30	15-20	15-30	15-30	15-60	15-30	15-30	15-60

Interrupting Ratings																														
UL/CSA Rating (kA) (50/60 Hz)♦	120 Vac	10	10	10	10	10	10	10	10	10	10	10	10	22	22	22	22	22	22	65	65	10	10	22	10	10	22	10	10	
	120/240 Vac	10	10	—	—	10	—	10	10	10	10	10	10	22	22	22	22	22	22	65	65	10	—	—	—	10	—	—	—	10
	240 Vac ★	—	—	—	—	—	—	—	—	—	—	10	10	—	—	22	—	22	—	—	—	—	—	—	—	—	—	—	—	—
	277 Vac	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DC Ratings	480Y/277 Vac	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	48 Vdc	—	—	—	—	—	—	—	—	5Δ	5Δ	5Δ	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	60 Vdc	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	65 Vdc	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	125 Vdc	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
250 Vdc	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
IEC 60947-2 (50/60 Hz)□	IEC (Icu)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Special Ratings																														
Fed. Specs W-C-375B/GEN		X	X	X	X	X	X	X	X	X	—	—	—	X	—	—	—	—	—	X	—	X	X	—	X	—	—	—	X	—
Other Standard	HACR ♦ NOM	HACR ♦								HACR★ NOM				HACR ★				—	—	—	HACR ★	—	NOM	—	—	NOM				

Accessories and Modifications																														
Shunt Trip ▽		—	—	—	—	—	—	—	—	—	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Undervoltage Trip		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Auxiliary Switches ▽		—	—	—	—	—	—	—	—	—	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Alarm Switch ▽		—	—	—	—	—	—	—	—	—	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Handle Operators		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Handle Padlock Attachment		X	X	X	—	—	—	—	X*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Trip System Type																														
Thermal-magnetic		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Molded Case Switch		—	—	—	—	—	—	—	—	X	X	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

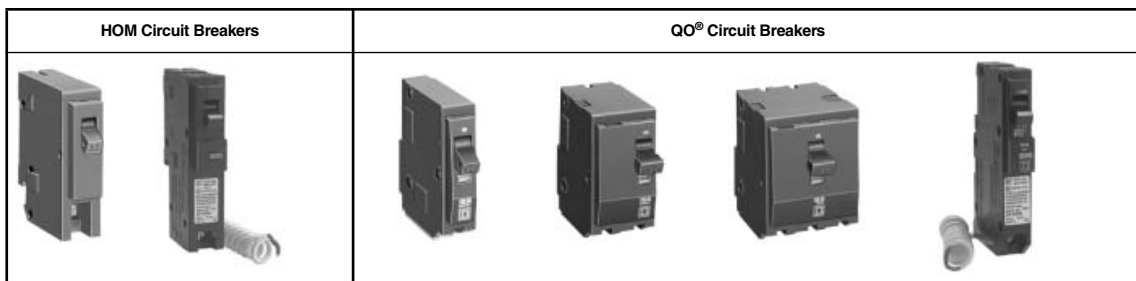
Dimensions (1P Unit Mount)																													
Dimensions (1P Unit Mount) in. (mm)	Height	3.13 (79)														3.5 (89) ▲													
	Width	1.00 (25)														0.75 (19) ▲													
	Depth	2.98 (76)														2.92 (74) ▲													
Pages		Page 1-13														Pages 7-10, 7-11													

- ▲ See page 7-53 for dimensions for: QOB2150VH, QOB3110VH, QOB3125VH and QOB3150VH.
- HOMT tandem is 30 A maximum. HOMT quad tandem has 20 A maximum on outside poles, and 50 A maximum on the inside poles.
- ♦ AFI, EPD and GFI products are rated 60 Hz only.
- ★ See the Supplemental Digest for 3Ø corner grounded systems.
- ▼ 22 kA @ 240 Vac for 3P only.
- Δ 1P and 2P, 10-70 A and 3P 10-60 A only.
- See the Supplemental Digest for circuit breakers with IEC ratings.
- ◇ HACR on HOM 1P 15-50 A and 2P 15-100 A
- ☆ HACR on QO, QOB 1P 10-70 A, 2P 15-100 A, 3P 10-100 A; QOB-VH 1P 15-70 A, 2P 15-125 A, 3P 15-100 A
- ▽ Factory-installed option only
- Factory-installed accessories are not available on QOB-VH 2P150 A and 3P 110-150 A
- * Handle padlock attachment available for HOMT quad tandem only.
- ◇ 2P 150-200 A requires 4P width.

7 MINIATURE AND MOLDED CASE CIRCUIT BREAKERS

Selection Information

Class 500, 600



Circuit Breaker Type	HOM Circuit Breakers									QO® Circuit Breakers													
	Plug-on	HOM	HOM-AFI	HOM-GFI	HOM-EPD	HOMT	QO	QO-H	QO-VH	QO-VH	QH	QOT	QO-AFI	QO-VHAFI	QO-GFI	QO-VHGF	QO-EPD						
	Bolt-on	QOB	QOB-H	QOB-VH	QHB	...	QOB-AFI	QOB-VHAFI	QOB-GFI	QOB-VHGF	QOB-EPD				
Unit Mount			

Number of Poles	1	2	1	1	2	1	2	1	1	2	3	2	1	2	3	1	2,3*	1,2	3	1	1	1	1	2	1	1	2		
Current Range	15-60	15-200	15-20	15-20	15-60	15-20	15-60	15-60▲	10-100	10-200	10-100	15-100	15-30	15-125	15-100	15-30	15-150	15-30	15-30	15-30	15-20	15-30	15-30	15-60	15-30	15-30	15-60		
Interrupting Ratings																													
UL/CSA Rating (kA RMS) (50/60 Hz AC)	120 Vac	10	10	10	10	10	10	10	10	10	10	10	22	22	22	22	22	65	65	10	10	22	10	10	22	10	10	10	
	120/240 Vac	10	10	...	...	10	...	10	10	10	10	10	22	22	22	22	22	65	65	10	...	...	...	10	...	...	...	10
	240 Vac ♦	...	...	...	...	...	...	...	...	...	10	10	...	...	22	...	22★	...	65	...	...	...	...	...	...	...	...	...
	277 Vac	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
DC Ratings	480Y/277 Vac	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	48 Vdc	...	...	...	...	...	...	...	5▼	5▼	5▼	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	60 Vdc
	65 Vdc
	125 Vdc
IEC 60947-2 (50/60 Hz AC) Δ	250 Vdc
	IEC (Ultimate Rating)

Special Ratings																													
Fed. Specs W-C-375B/GEN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	...	...	...	✓	...	...	...	✓	...	✓	✓	...	✓	...	...	✓	...	...	...
Other Standard	HACR □ NOM		HACR □						HACR ◊ NOM			HACR ◊						...	...	...	HACR ◊	...	NOM	...	NOM	...	...	...	...

Accessories and Modifications																													
Shunt Trip	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆
Undervoltage Trip
Auxiliary Switches	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	...	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆
Alarm Switch	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆	...	✓☆	✓☆	✓☆	✓☆	✓☆	✓☆
Handle Operators
Handle Padlock Attachment	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Trip System Type																													
Thermal-magnetic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Molded Case Switch	✓	✓	✓

Dimensions (1-pole Unit Mount)																											
Dimensions (1P Unit Mount)	Height IN (mm)	3.13 (79)										3.5 (89)*															
	Width IN (mm)	1.00 (25)										0.75 (19)*															
	Depth IN (mm)	2.98 (76)										2.92 (74)*															
Pages	Page 6-9																	Pages 6-10									

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 ■ AFI, EPD and GFI products are rated 60 Hz only.
 ♦ See Supplemental Digest for 3 phase corner grounded systems.
 ★ 22 kA @ 240 Vac for 3-pole only.
 ▼ 1- and 2-pole, 10-70 A and 3-pole 10-60 A only.
 Δ See Supplemental Digest for circuit breakers with IEC ratings.
 □ HACR on HOM 1-pole 15-50 A and 2-pole 15-100 A
 ◊ HACR on QO, QOB 1-pole 10-70 A, 2-pole 15-100 A, 3-pole 10-100 A; QOB-VH 1-pole 15-70 A, 2-pole 15-125 A, 3-pole 15-100 A
 ☆ Factory-installed option only
 ▽ Factory-installed accessories are not available on QOB-VH 2-pole 150 A and 3-pole 110-150 A
 ● Handle padlock attachment available for HOMT quad tandem only.
 * See page 6-49 for dimensions for: QOB2150VH, QOB3110VH, QOB3125VH and QOB3150VH.