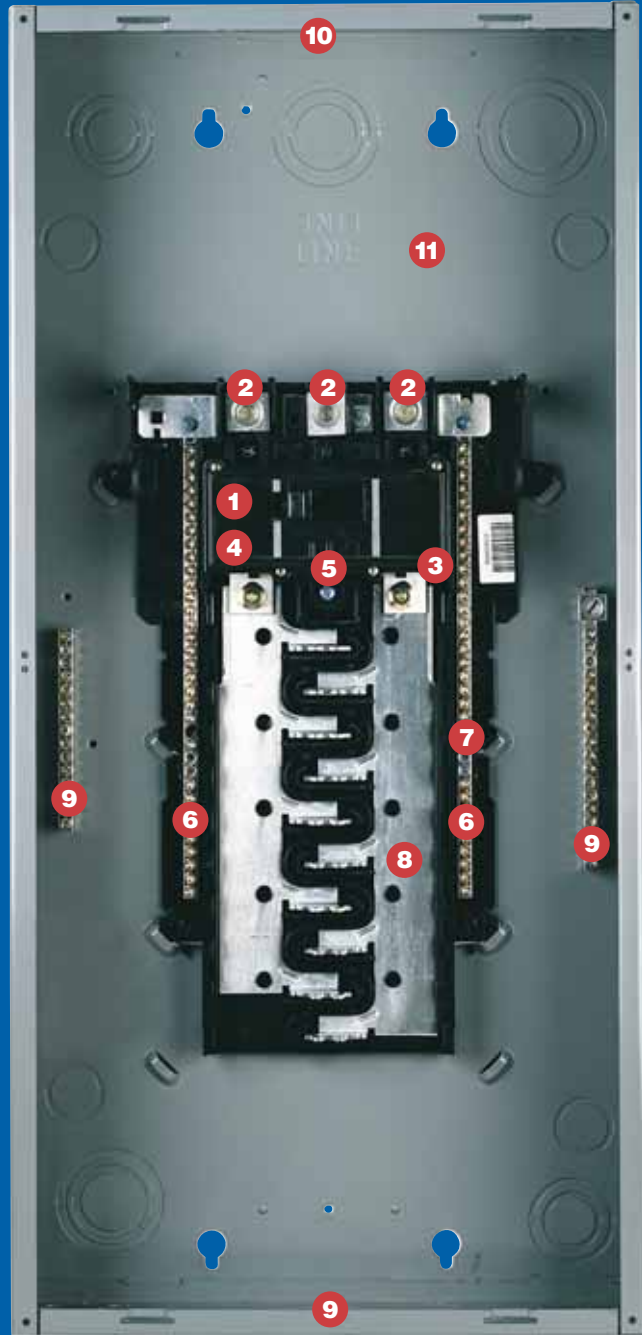


# *Homeline® Load Centers and Circuit Breakers*

Features that outclass  
the competition



The quality you expect from Square D®, the industry leader, is built into all Homeline® Load Centers. One example is our exclusive Qwik-Open® Circuit Breakers, which have given homeowners a new standard for reliable, fast-acting circuit protection. In addition, our commitment to technological leadership has brought a new level of electrical safety to the residential market, with innovative solutions such as Surgebreaker® Plus Whole House Surge Protection and Arc-D-tect® Arc Fault Circuit Interrupters. From leading innovations in circuit protection and exclusive features to a comprehensive selection of options and accessories, Homeline Load Centers are the smart choice for value-minded contractors, remodelers, builders and homeowners. Feature for feature, Homeline panels outclass the competition.



# Homeline Load Center Features

1. Panels are available as either main breaker or main lugs.
2. Straight-in wiring mains design helps reduce the need to bend service cable, cutting waste and saving installation time.
3. Convertible mains let you meet changing job site requirements fast by field converting between main breaker and main lugs. For maximum flexibility our “universal mains” panels are provided without mains, allowing you to add a field-installed main circuit breaker or main lugs kit to meet either application.
4. Standard 22,000/10,000 ampere short circuit current rating on main breaker – provides increased high fault current protection when needed, without changing the entire panel.
5. Panel interiors are easily removed for paint or theft protection. Single, captive screw can't be lost; interior mounts quickly and easily (indoor only).
6. Split branch neutral, with up to 50% more terminations than required, reduces clutter and simplifies wiring.
7. Combination slot/square-drive neutral, ground and cover screws let you use either a standard flat-blade screwdriver or a square-head driver for reduced slippage and improved torque.
8. Bus and interior assembly is among the most rugged in the industry.
9. Three ground bar mounting locations (left, right and bottom) let you pick the easiest spot to wire.

10. Tangential main service knockouts eliminate the need for costly service conduit offset, simplifying and speeding installation.
11. Complete load center rotates for top or bottom feed to meet job site requirements and reduce service cable waste.
12. Automatic flush adjustment cover (below) speeds installation, especially on uneven wall surfaces.



## Combination flush/surface covers

Homeline indoor covers for 8 circuit and larger panels are combination flush/surface to meet all mounting situations.

Floating, spring-mounted trim provides automatic flush adjustment to ensure proper breaker and trim alignment without manual adjustment to speed final installation.

Covers are included with the load center for purchasing convenience, and individually packaged to reduce the chance of shipping damage, making them easier to store between rough-in and trim-out. Covers now include provisions for a door lock, and the trim has the top two branch circuit twistouts removed to make it easier to remove remaining twistouts.



## Rainproof enclosures

Homeline Load Centers are available in a full line of NEMA Type 3R rainproof enclosures, with Square D type rain-tight bolted (RB) hub for fast and convenient top-feed conduit connection. Side-opening devices feature a stainless steel door latch and center mounting on back.

## Complete line of accessories

A complete line of Homeline Load Center accessories maximizes application flexibility. From ground bar kits to bolt-on rainproof hubs, filler plates, door locks, and more, Homeline Load Centers satisfy almost any installation requirement.



**Homeline®  
Arc-D-tect® Arc  
Fault Circuit  
Interrupter**



The advanced technology of the exclusive Square D Arc-D-tect AFCI provides the highest level of circuit protection available today. These circuit interrupters are specifically designed to detect dangerous low-level arc faults and provide traditional overload and short circuit protection as well. This single-pole breaker installs as easily as our GFCI breaker and offers the same high level of reliability.

**No other name in  
circuit protection is more  
trusted for reliability and  
performance than Square D®.  
Our products have  
revolutionized the industry  
and continue to make the  
residential use of electricity  
safe and convenient for  
millions of people every day.**



# Homeline Circuit Breaker and Surgebreaker® Features

## Unsurpassed Qwik-Open® Protection

Homeline Circuit Breakers provide the high level of protection you expect from Square D. Single pole 15A and 20A Qwik-Open breakers trip within 1/60th of a second – faster than the blink of an eye. When it comes to electrical protection, fast response is critical.

## Ground Fault Protection

Square D introduced the first ground fault circuit interrupter (GFCI) in 1967. It was such a good idea, electrical codes now require ground fault protection for bathrooms, pools, spas and other applications. We've continued that leadership, expanding our offering through two-pole 60A circuit breakers for whirl-pool and hot tub applications.

## Surgebreaker Secondary Surge Arrester

The Surgebreaker secondary surge arrester plugs on like a circuit breaker to help protect the home's electrical

system and hardwired appliances from surges up to 20,000 volts. Downstream point-of-use surge suppressors normally only handle surges up to 6,000 volts, and only protect the products plugged directly into them. For complete protection of sensitive electronics like computers, you need both levels of protection.

## Surgebreaker Plus Multi-path Surge Arrester

The latest innovation in surge protection from Square D, the Surgebreaker Plus, provides whole house protection for up to four telephone lines, two coax cable lines and is hard-wired to protect the entire panel and home wiring.

## USE CIRCUIT BREAKERS PROPERLY

Electrical protection requires that **circuit breakers be used properly.**

**Only breakers marked on the load center label or wiring diagram**

**should be used to maintain the integrity and safety intended.**

**That's why Homeline Load Centers are marked to accept only genuine Homeline Circuit Breakers.**

**Homeline Circuit Breakers should only be used in equipment marked to accept them. Any other use may void your warranty, reduce protection, increase liability risks and violate the National Electrical Code.**



## SINGLE PHASE LOAD CENTERS – INDOOR MAIN LUGS

Mains Rating	Branch Spaces	Max Branch Circuits	Load Center & Cover Catalog Number F = Flush, S = Surface	Ground Bar
<b>Fixed Main Lugs</b>				
70	2	4	HOM24L70 (F/S)	PK3GTA1
100	6	12	HOM612L100 (F/S)	PK7GTA
125	4	8	HOM48L125GC	Included
<b>Convertible Main Lugs</b>				
125	8	16	HOM816L125C	PK15GTA
	8	16	HOM816L125TC	Included
	12	12	HOM12L125C	PK15GTA
	12	24	HOM1224L125TC	Included
	16	24	HOM1624L125C	PK15GTA
	20	20	HOM20L125C	
	20	24	HOM2024L125TC	Included
	24	24	HOM24L125TC	
150	30	30	HOM30L150C	PK23GTA
200	16	32	HOM1632L200TC	Included
	16	32	HOM1632L200TCFT	
	20	40	HOM2040L200TC	PK23GTA
	30	30	HOM30L200C	
	30	40	HOM3040L200TC	
	40	40	HOM40L200C	
225	42	42	HOM42L225C	PK23GTA

## SINGLE PHASE LOAD CENTERS – INDOOR MAIN BREAKER

Mains Rating	Branch Spaces	Max Branch Circuits	Load Center & Cover Catalog Number F = Flush, S = Surface	Ground Bar
<b>Convertible Main Breaker</b>				
100	8	16	HOM816M100C	PK15GTA
	8	16	HOM816M100TC	Included
	12	12	HOM12M100C	PK15GTA
	12	24	HOM1224M100TC	Included
	20	20	HOM20M100C	
	24	24	HOM24M100C	PK15GTA
125	30	30	HOM30M100C	PK23GTA
	12	24	HOM1224M125C	PK15GTA
	12	24	HOM1224M125TC	Included
	24	24	HOM24M125C	PK15GTA
150	30	30	HOM30M125C	PK23GTA
	16	32	HOM1632M150TC	Included
	20	30	HOM2030M150TC	
200	30	30	HOM30M150C	PK23GTA
	12	24	HOM1224M200TC	Included
	16	32	HOM1632M200TC	
	20	40	HOM2040M200C	PK23GTA
	20	40	HOM2040M200TC	Included
	30	30	HOM30M200C	PK23GTA
	30	40	HOM3040M200TC	Included
	40	40	HOM40M200C	
	42	42	HOM42M200C	PK23GTA
	225	42	42	HOM42M225C
<b>Universal Mains – No Main Circuit Breaker or Main Lugs</b>				
200	16	32	HOM1632U200TC	Included
	20	40	HOM2040U200TC	
	30	40	HOM3040U200TC	

## SINGLE PHASE LOAD CENTERS – OUTDOOR

Mains Rating	Branch Spaces	Max Branch Circuits	Load Center Catalog Number	Ground Bar
<b>Fixed Main Lugs</b>				
70	2	4	HOM24L70RB	PK4GTA
100	6	12	HOM612L100RB	PK7GTA
125	4	8	HOM48L125GRB	Included
<b>Convertible Main Lugs</b>				
125	8	16	HOM816L125RB	PK15GTA
	12	12	HOM12L125RB	
	12	24	HOM1224L125RB	
	20	20	HOM20L125RB	
200	12	12	HOM12L200RB	PK23GTA
	20	40	HOM2040L200RB	
	30	30	HOM30L200RB	
	40	40	HOM40L200RB	
<b>Convertible Main Breaker</b>				
100	8	16	HOM816M100RB	PK15GTA
	12	12	HOM12M100RB	PK12GTA
	20	20	HOM20M100RB	PK15GTA
125	24	24	HOM24M125RB	
150	30	30	HOM30M150RB	PK23GTA
	20	40	HOM2040M200RB	
	30	30	HOM30M200RB	
	30	40	HOM3040M200RB	
	40	40	HOM40M200RB	
225	16	24	HOM1624M225RB	
<b>Feed Thru Lugs</b>				
150	8	16	HOM816M150FTRB	PK15GTA-L
200	8	16	HOM816M200FTRB	
<b>Universal Mains</b>				
200	8	16	HOM816U200FTRB	PK15GTA-L

**BRANCH CIRCUIT BREAKERS 10,000 AIR**

Ampere Rating	One Pole	Two Pole Common Trip
15	HOM115	HOM215
20	HOM120	HOM220
25	HOM125	HOM225
30	HOM130	HOM230
35		HOM235
40	HOM140	HOM240
45		HOM245
50	HOM150	HOM250
60		HOM260
70		HOM270
80		HOM280
90		HOM290
100		HOM2100
110		HOM2110
125		HOM2125
150		HOM2150BB
175		HOM2175BB
200		HOM2200BB

**GROUND FAULT CIRCUIT INTERRUPTERS 10,000 AIR**

Ampere Rating	One Pole	Two Pole
15	HOM115GFI	HOM215GFI
20	HOM120GFI	HOM220GFI
30		HOM230GFI
40		HOM240GFI
50		HOM250GFI

**ARC FAULT CIRCUIT INTERRUPTERS 10,000 AIR**

Ampere Rating	One Pole
15	HOM115AFI
20	HOM120AFI

**SURGEBREAKER® PLUS WHOLE HOUSE SURGE PROTECTOR**

Type	Catalog Number
Indoor	SDSB1175C

**TANDEM CIRCUIT BREAKERS**

Ampere Rating	One Pole
15 & 15	HOMT1515
15 & 20	HOMT1520
20 & 20	HOMT2020
30 & 15	HOMT3015
30 & 20	HOMT3020

**QUAD TANDEM CIRCUIT BREAKERS**

Ampere Rating		Catalog Number
One Pole	Two Pole	
(2) 15	15	HOMT1515215
(2) 15	20	HOMT1515220
(2) 15	25	HOMT1515225
(2) 15	30	HOMT1515230
(2) 15	40	HOMT1515240
(2) 15	50	HOMT1515250
(2) 20	20	HOMT2020220
(2) 20	25	HOMT2020225
(2) 20	30	HOMT2020230
(2) 20	40	HOMT2020240
(2) 20	50	HOMT2020250

**MAIN CIRCUIT BREAKER KITS**

Main Circuit Breaker Rating (A)	Use With Convertible Load Center Mains Rating	22,000 AIR Main Circuit Breaker	Lug Wire Size AWG/kcmil Al or Cu
<b>QOM1 Frame Size</b>			
50	100-125	QOM50VH	#12-2/0
60	100-125	QOM60VH	
70	100-125	QOM70VH	
80	100-125	QOM80VH	
90	100-125	QOM90VH	
100	100-125	QOM100VH	
110	125	QOM110VH	
125	125	QOM125VH	
<b>QOM2 Frame Size</b>			
100	150-225	QOM2100VH	#4-300
125	150-225	QOM2125VH	
150	150-225	QOM2150VH	
175	200-225	QOM2175VH	
200	200-225	QOM2200VH	
225	225	QOM2225VH	

**Square D® Homeline® Load Centers and Circuit Breakers are part of a comprehensive family of circuit protection solutions. Like all Square D products from Schneider Electric, these innovative protective devices come built for easy installation and reliable operation. And they're designed to stand the test of time.**

**For more information on our circuit protection products or other solutions, please call your local Square D distributor or sales office. Or visit our website at [www.SquareD.com](http://www.SquareD.com).**



### **Generator Panel**

If you live where power outages are frequent, or potentially dangerous, the Square D generator panel is the ideal way to safely connect specific circuits in the home to an alternate power source.

### **Metering Equipment**

From individual meter sockets to multi-metering, Square D provides a broad line of products designed to meet most utility requirements and fit most applications. Choose from ring or ringless type in a range of ampacities.

### **Light Duty Enclosed Switch**

The Square D light duty enclosed switch is ideal for home applications in disconnecting power to a workshop, hobby room, furnace or garage.

### **Air Conditioning Disconnects**

Square D air conditioning disconnects are used to provide overcurrent protection and a convenient shut-off for air conditioning compressors. They can also be used for other single-phase, two-wire disconnect applications such as swimming pools and pump houses. These disconnects are available in a variety of configurations, including molded case switches, pullout, fused and not-fused. An exclusive mounting bracket also is available to simplify installation onto stucco or lapped-siding projects.

National Electrical Code is a registered trademark of the National Fire Protection Association.

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