

QO® and HOMELINE® Circuit Breaker Load Centers and Enclosures

Class 1130, 1131, and 1170



- Merlin Gerin**
- Modicon**
- Square D**
- Telemecanique**

Schneider Electric Brands

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SQUARE D
Schneider Electric

QO Circuit Breaker Load Centers—Class 1130

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QO Circuit Breaker Load Centers—Class 1130



QO Circuit Breaker Load Centers—Class 1130 Product Description



QO Circuit Breaker Load Center

PRODUCT DESCRIPTION

QO® Circuit Breaker Load Centers from Square D are Underwriters Laboratories® (UL®) Listed panelboards. They are designed to meet residential, commercial, and industrial requirements to protect electrical systems, equipment, and people.

Features

- Single- or three-phase construction
- 30–400 A main lug or main circuit breaker ratings
- 2–42 circuit indoor or outdoor versions
- Flush or surface mounting
- Copper bus construction on convertible mains panels
- Aluminum bus construction on fixed mains panels
- Service entrance equipment capable panels
- Straight-in wiring to minimize service cable installation
- Convertible mains to meet changing job site requirements
- Standard 22/10 k AIR series rating on main circuit breaker panels, increasing application capability
- 65 k AIR ratings for main lugs panels for industrial applications
- 65 k AIR rating with optional main circuit breaker on three-phase panels for industrial applications
- Shielded one-piece plated copper bus, an industry exclusive for protection and performance
- Single captive screw interior mounting on indoor panels to ease removal
- Split branch neutral for clutter-free wiring
- Top or bottom feed by rotating convertible mains panels 180 degrees
- Top or bottom feed for three-phase convertible panels by removing main circuit breaker and rotating panel 180 degrees
- Combination slot/square drive neutral, ground, and cover screws for positive drive and improved torque
- Three ground bar mounting locations for ease of wiring
- Automatic flush adjustment cover to speed installation
- Tangential main service knockouts that eliminate offsets
- Equipment ground bar included with main lug load centers
- Covers sold separately
- Provisions for door lock on convertible mains panel covers
- Two branch circuit breaker twistouts that are factory removed for easier installation of circuit breakers
- New side hinge doors on outdoor convertible main panels
- Outdoor panel covers lockable with padlock
- WIREGATOR™ Qwik-Grip Cable System on selected load centers



QO Circuit Breaker Load Centers—Class 1130

Product Description

QO	1	3040	L	200	G	—	—	K	DEVICE NAME
									WIREGATOR
									COVER
									Blank: Purchase cover separately
									C: Combination flush/surface indoor cover
									RB: Rainproof
									SPECIAL CONSTRUCTION
									WG: Wide gutter
									FT: Feed thru
									GROUND BAR
									G: Included
									T: Factory installed
									Blank: Purchase separately
									AMPS
									MAINS TYPE
									M: Main circuit breaker
									L: Main lugs
									SPACES/CIRCUITS
									PHASE
									1: Single
									3: Three
									BRAND
									QO: UL and NOM Listed
									CQO: CSA certified

QO	1	15	—	DEVICE NAME
				Blank: 10,000 AIR
				EPD: 30 mA equipment ground fault protection
				GFI: Ground fault circuit interruption
				HID: For use on high intensity discharge lighting systems
				HM: High magnetic trip circuit breakers are recommended for applications where high initial inrush current may occur
				K: Key operated
				PL: Remote control switching capability
				SWN: Switch neutral common trip
				VH: 22,000 AIR
				AFI: ARC fault circuit interruption
				AMPS
				NUMBER OF POLES
				BRAND
				QO: Full size
				QOT: Tandem

QO Load Center and Circuit Breaker Catalog Number Descriptions



QO Circuit Breaker Load Centers—Class 1130

General Information and Application Data



QO Circuit Breaker Load Center

GENERAL INFORMATION AND APPLICATION DATA

Circuit breaker load centers for use on electrical systems are UL Listed under File E-6294 (panelboards) and meet Federal Specifications W-P-115c, NEMA Type 1, Class 2 for use in government housing. Select from QO, QOT, QO-PL, QO-GFI (UL Class A ground fault protection), QO-AFI (arc fault circuit interrupter) and QO-EPD (30 mA equipment ground fault protection) branch circuit breakers.

Service

- 120 Vac, 1 ϕ 2W
- 120/240 Vac, 1 ϕ 3W
- 240 Vac delta, 3 ϕ 3W
- 208Y/120 Vac, 3 ϕ 4W
- 240/120 Vac delta, 3 ϕ 4W
- 240 Vac corner grounded delta, 3 ϕ 3W
- 48 Vdc maximum (1 ϕ convertible main lug 12–42 circuit only)

Ratings

	Main Lugs	Main Circuit Breaker
Single-phase	30–400 A	100–400 A
Three-phase	60–400 A	100–400 A



QO
1-Pole

QO
2-Pole

QO
3-Pole



QO-GFI
1-Pole



QO-GFI
2-Pole



QO-EPD 1-Pole



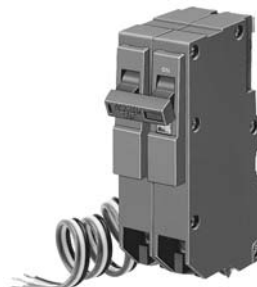
QO-AFI 1-Pole



QOK, 1-Pole



QO-SWN, 1-Pole



QO-PL 2-Pole

Branch Circuit Breakers

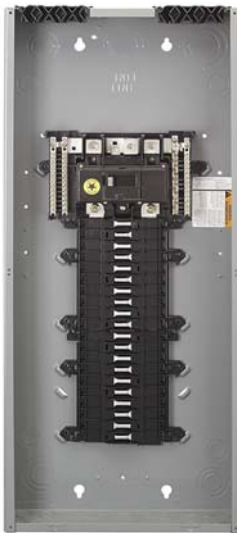
10,000 AIR	
QO	1-pole, 10–70 A
	2-pole, 10–125 A
	3-pole, 10–100 A
QOT	1-pole, 15–20 A
	2-pole, 15–60 A
QO-EPD	1-pole, 15–30 A
	2-pole, 15–60 A
QO-GFI	1-pole, 15–30 A
	2-pole, 15–60 A
QO-AFI	1-pole, 15–20 A
QO-HID	1-pole, 15–50 A
	2-pole, 15–50 A
	3-pole, 15–30 A
QO-PL	1-pole, 10–20 A, 30 A
	2-pole, 10–60 A
	3-pole, 15–60 A
QO-SWN	2-wire, 10–50 A
	3-wire, 10–50 A
QOK	1-pole, 10–30 A
22,000 AIR	
QO-VHGF1	1-pole, 15–30 A
	1-pole, 15–30 A
QO-VH	2-pole, 15–125 A
	3-pole, 15–100 A
	2-pole, 150 A ▲
QOB-VH	3-pole, 110–150 A ▲
42,000 AIR	
QOH	2-pole, 40–125 A
65,000 AIR	
QH	1-pole, 15–30 A
	2-pole, 15–30 A
	3-pole, 15–30 A

▲ For use with 300 A and 400 A load centers only. Requires PK3CA mounting kit, ordered separately.



QO Circuit Breaker Load Centers—Class 1130

General Information and Application Data



NEMA Type 1, WIREGATOR



Indoor Cover



QO140M200RB



Bolt-On Hubs

Indoor Enclosures (NEMA Type 1)

- Welded sheet steel with knockouts at top, bottom, back, and sides
- Finish: gray baked enamel, electrodeposited over cleaned, phosphatized steel
- Most 100–225 A indoor enclosures are 14.25 in. (362 mm) wide (see “Dimensions and Knockouts” on page 29)
- 300 A and 400 A indoor enclosures are 20 in. (508 mm) wide
- Top or bottom feed by rotating enclosure
- WIREGATOR™ Qwik-Grip Cable System, for easy branch wiring, on selected load centers

Indoor Covers

- Doors to cover circuit breaker handles, except on 2–4, 4–8, 6–12, and 8–16 circuit models
- Shutter-type twistouts
- Flush and surface covers available, sold separately
- Flush covers have automatic flush adjustment
- Field-installed door lock provisions available on most covers
- QOFP filler plates available for all covers
- QOM1FP filler plates available for 100–125 A convertible load center covers
- QOM2FP filler plates available for 150–225 A convertible load center covers
- KFP filler plates available for 3-phase load center covers
- Triple lead cover screws for fast cover installation

Rainproof Enclosures (NEMA Type 3R)

- Complete enclosure includes interior trim and door
- Welded, galvanized steel
- Finish: gray baked enamel, electrodeposited over cleaned, phosphatized, galvanized steel
- RB devices have provisions for interchangeable bolt-on hub
- Top-centered rainproof mounting boss on the back of the enclosure simplifies installation and saves time
- Stainless steel door latch on the enclosure provides secure closure and maximum durability
- Convertible main panels are side hinge door devices
- Allow 1.25 in. (32 mm) on the left side for the door to open
- Side-hinged door provides full wiring access without door removal

Bolt-On Hubs

- Hubs available from .75 in. (19 mm) to 4 in. (102 mm) conduit size
- No gasket required with hubs from .75 in. (19 mm) to 2.50 in. (64 mm) when used on RB type load centers

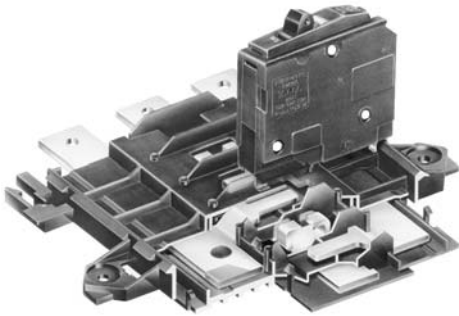


QO Circuit Breaker Load Centers—Class 1130

General Information and Application Data



Tandem circuit breaker mounts on rails.



Branch Circuit Breaker

Class CTL

- Class CTL load centers are UL Listed
- Circuit breaker mounting rails have slots to accept tandem circuit breakers, on specified load centers
- Meets paragraph 384-15 of the National Electric Code® (NEC®)

Phasing

- Load centers have distributed phase bussing
- Most branch circuit breakers can be mounted in any position

Line Lugs

- All lugs suitable for 75 °C copper or aluminum wires (see “Technical Information” on pages 22–29)
- Main lugs and main circuit breaker load centers have wire binding screw tightening values on the wiring diagrams and circuit breaker labels

Neutral Assemblies

- All lugs suitable for copper or aluminum wire (see “Technical Information” on pages 22–29)
- Branch neutral terminals suitable for one #14–#4 AWG copper or one #12–#4 AWG aluminum wire
- Three #14–1/0 AWG copper or #14–#6 AWG aluminum terminals provided on 12–42 circuits, 100–225 A load centers
- Suitable lugs provided on the neutrals for termination of the grounding conductor
- All unused neutral terminals may be used to terminate bare or green equipment grounding conductors when the load center is used as service equipment:
 - one or two #14–#12 AWG copper
 - one or two #12–#10 AWG aluminum



Neutral assemblies accept copper or aluminum wire.



QO Circuit Breaker Load Centers—Class 1130

General Information and Application Data



QO24L70S

Single Phase, 2–16 Circuits, 30–125 A, Fixed Mains

UL Listed

- File E-6294
- Suitable for use as service equipment
- 75 °C wire rating (see “Technical Information” on pages 22–29)
- Federal Specification W-P-115c, NEMA Type 1, Class 2

CSA Certified

- File LL-89066-21
- For other CSA certified load centers, see Supplemental Digest 172.

Short Circuit Current Rating

- Main lugs up to 10,000 AIR (see “Technical Information” on pages 22–29)

Interior

- Tin plated aluminum bus
- Tin plated copper bus is an available option on 6–12 and 8–16 circuit load centers
- Tin plated copper bus is standard on 4–8 circuit load centers

Mains

- Factory-installed main lugs
- Top mains positioning only
- Top or bottom feed
- A backfed main circuit breaker can be field-installed in 4–8, 6–12 and 8–16 load centers using the PK2MB retaining kit

Cover

- Flush- or surface-mounted cover included with load centers
- A cover with a door is an available option on 6–12 and 8–16 circuit load centers



QO816L100DS



QO148L125GF



QO Circuit Breaker Load Centers—Class 1130

General Information and Application Data

Single-Phase, 12–42 Circuits, 100–225 A, Convertible Mains

UL Listed

- File E-6294
- Federal Specification W-P-115c, NEMA Type 1, Class 2
- Suitable for use as service equipment
- 75 °C wire rating (see “Technical Information” on pages 22–29)

Short Circuit Current Rating

- Main lugs: up to 65,000 AIR (depends on lowest interrupting rating of branch circuit breakers installed)
- Main circuit breaker: 22,000 AIR standard
- 22,000 AIR main circuit breaker kits (refer to page 12 and “Technical Information” on pages 22–29)

Interior

- Shielded, one-piece tin plated copper bus
- Removable interior with single, captive mounting screw
- Split branch neutral with up to 50% more terminations than required
- Multiple mounting locations for equipment ground bar kits: left, right, and bottom
- Main lugs load centers have equipment ground bar kits included (not factory-installed)

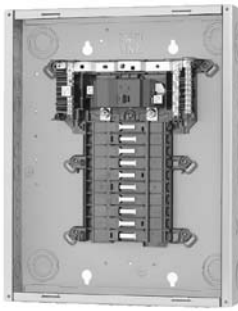
Mains

Factory-installed main lugs convertible to main circuit breaker

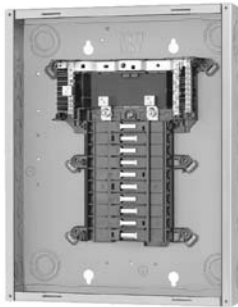
Load Center Amperage	Main Circuit Breaker Kit Amperage
125	50–125
150	100–150
200	100–200
225	100–225

Factory-installed main circuit breaker convertible to main lugs

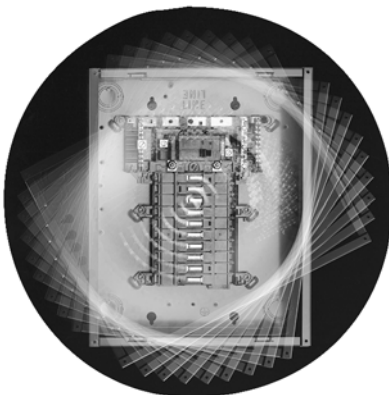
Main Circuit Breaker Amperage	Main Lug Kit Amperage	Load Center Amperage
100	125	100
125	125	125
150	225	150
200	225	200
225	225	225



Main Circuit Breaker



Main Lug



Top or bottom mains positioning. Rotate entire load center 180 degrees.



QO Circuit Breaker Load Centers—Class 1130

General Information and Application Data



Cover



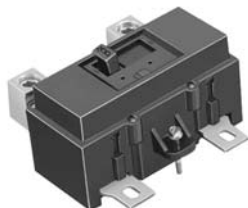
QOL125 Kit



QOL225 Kit



QOM1
Main Frame Size
50–125 A



QOM2
Main Frame Size
150–225 A

Single-Phase, 12–42 Circuits, 100–225 A, Convertible Mains, Continued

Covers

- Flush and surface covers sold separately
- Flush covers have spring loaded interior trim for automatic flush adjustment
- Positive action, easy open door latch

Main Lugs Kits

- Field installable in main circuit breaker or main lugs load centers
- QOL125 kit for use in 100–125 A load centers
- QOL225 kit for use in 150–225 A load centers

Main Circuit Breaker Kits

- Field installable in main lugs or main circuit breaker load centers
- 50–225 A main circuit breaker kit is 22,000 AIR series rated with 10,000 AIR branch circuit breakers

Field Installable Main Circuit Breaker (Convertible Main Load Centers Only)

Main Circuit Breaker Ampere Rating ▲	Use with Convertible Load Center Mains Rating	22,000 AIR	Lug Wire Size ■ AWG/kcmil Al or Cu	Lug Torque lb-in./N•m
		Main Circuit Breaker		
QOM1 Frame Size				
50	100–125 A	QOM50VH	#12–2/0	50 lb-in. (6 N•m)
60	100–125 A	QOM60VH		
70	100–125 A	QOM70VH		
80	100–125 A	QOM80VH		
90	100–125 A	QOM90VH		
100	100–125 A	QOM100VH		
110	125 A	QOM110VH		
125	125 A	QOM125VH		
QOM2 Frame Size ◆				
100	150–225 A	QOM2100VH	#4–300	250 lb-in. (28 N•m)
125	150–225 A	QOM2125VH		
150	150–225 A	QOM2150VH		
175	200–225 A	QOM2175VH		
200	200–225 A	QOM2200VH		
225	225 A	QOM2225VH		

▲ Do not exceed the load center mains rating.

■ Wire range listed for QOM circuit breaker kits is the wire range of that circuit breaker. To find out maximum wire size permitted in a particular load center per UL, see "Main Wire Size AWG/kcmil" on pages 22–29.

◆ Add suffix 1021 for shunt trip.



QO Circuit Breaker Load Centers—Class 1130 General Information and Application Data

Special Purpose

Recreational Vehicle and Manufactured Housing Load Centers

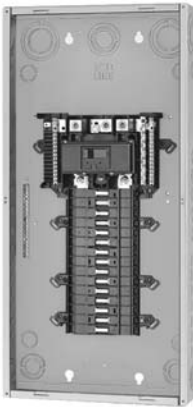
- UL Listed (File E-6294) and CSA Certified (LL89066-14)
- Single-phase, 2- and 3-wire
- Factory-installed equipment ground bar
- Covers included with load centers



QO2L30TTS

Load Centers with Covers

- Combination flush/surface cover included with load centers
- Included equipment ground bar on main lug load centers
- Top or bottom feed on incoming service by rotating complete load center 180 degrees
- Convertible main load centers



QO130M150

Non-Metallic Load Center

- UL Listed
- Suitable for use as service equipment
- Side hinge door device
- 10,000 AIR rating
- Single-phase, 2- and 3-wire
- Factory-installed ground bar
- Cover included with load center
- Knockouts in bottom endwall, side and back



QO24L60NRNM

Main Circuit Breaker with Feed-Thru Lugs

- Available rainproof enclosure only
- Side hinge door devices
- Allow 1.25 in. (32 mm) on the left side for the door to open
- 125, 150, and 200 A mains rating
- 125, 150, and 200 A sub-feed lugs
- Space for up to 8 single-pole circuit breakers



QO1816M200FTRB



QO Circuit Breaker Load Centers—Class 1130

General Information and Application Data



QO48M60DSGP



QO140M200K

Special Purpose, Continued

Generator Panel

- Connects utility and standby power to installed branch circuits
- Includes two factory-installed 2-pole main circuit breakers tied together with a mechanical interlock
- 30 A and 60 A main circuit breaker versions
- 30 A pre-wired main circuit breaker version
- Supply up to 8 branch circuits using tandem circuit breakers
- Available indoor enclosure only
- Cover with door included

WIREGATOR™ Qwik-Grip Cable System

- Factory-installed system on selected load centers
- Eases branch wire installation
- Wire sizes from 10/3–14/2 AWG
- Quickly secures branch wires and eliminates need for connector clamps
- Available on 5 main circuit breaker and 5 main lug load centers
- Accepts 28 branch circuits per load center
- Can be positioned on the left and right side of top endwall
- WIREGUARD™ shield included with load center
- Field replaceable system
- Knockouts also provided for larger wire sizes



QO Circuit Breaker Load Centers—Class 1130 General Information and Application Data

Three-Phase, 3–42 Circuits, 60–225 A, Convertible or Fixed Mains

UL Listed

- File E-6294
- Suitable for use as service equipment
- 75 °C wire rating (see “Technical Information” on pages 22–29)

Short Circuit Current Rating

- Main lugs: up to 65,000 AIR (depends on lowest interrupting rating of branch circuit breakers installed)
- Main circuit breaker up to 225 A: 22,000 AIR standard; optional up to 65,000 AIR for 100 A to 225 A main circuit breakers
- Main circuit breaker 300 A and 400 A: up to 10,000 AIR (see “Technical Information” on pages 22–29)

Mains

- Factory-installed main lugs or main circuit breaker
- Main neutral terminal located next to the phase terminals on 125–225 A main circuit breaker devices
- Top or bottom feed (see “Technical Information” on pages 22–29)
- Fully convertible from main circuit breaker to fixed main lugs (100–225 A)
- 100 A maximum back-fed main QO circuit breaker; requires the use of retaining kit PK3MB

Cover

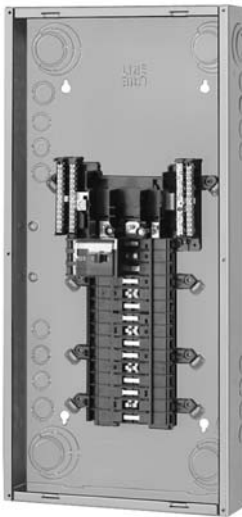
- Flush- and surface-mount covers sold separately
- Flush covers have spring loaded interior trim for automatic flush adjustment
- Positive action, easy-to-open door latch

Interior

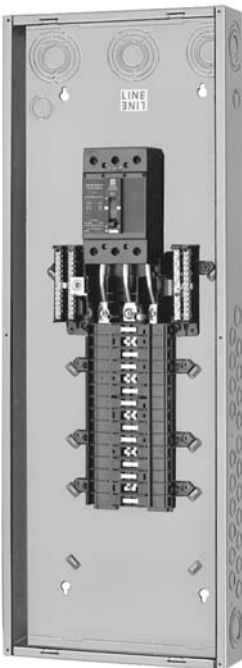
- Shielded one-piece plated copper bus on 100–225 A
- Removable interior with single, captive mounting screw on 100–225 A (indoor only)
- Main lugs load centers have equipment ground bar kits included (not factory-installed)

Branch Neutral Termination

- Suitable for copper or aluminum wire
- Terminals suitable for one #14–#4 AWG copper or one #12–#4 AWG aluminum wire
- Positioned on both sides of the mains compartment
- Slot/square drive wire binding screws
- Three (3) #14–1/0 AWG copper or #14–#6 AWG aluminum terminations standard on 12–42 circuits, 100–225 A load centers



QO330L200G



QO330M150



QO Circuit Breaker Load Centers—Class 1130

General Information and Application Data



QOL3225
Main Lugs Kit



KDL Circuit Breaker
100–225 A

Three-Phase, 3–42 Circuits, 60–225 A, Convertible or Fixed Mains (Continued)

Main Lugs Kits

- Field installable in main circuit breaker or main lugs load centers
- QOL3125 kit for use in 100–125 A load centers
- QOL3225 kit for use in 150–225 A load centers

Main Circuit Breakers

- Field installable in main circuit breaker load centers
- 22,000 AIR main circuit breakers series rated with 10,000 AIR branch circuit breakers
- 100–225 A main circuit breakers are series rated up to 65,000 AIR with 10,000 AIR branch circuit breakers in 30 circuit or larger main circuit breaker load centers with optional KGL main circuit breaker
- Back-fed QO-VH main circuit breaker may be field installed in main lugs and main circuit breaker load centers (requires PK3MB retaining kit)
- 27 circuit, 100 A main circuit breaker load center includes factory-installed back-fed QO-VH main circuit breaker
- Electrical accessories are not available on KDL or KGL circuit breakers
- 30–42 circuit, 125–225 A main circuit breaker load centers include integral KDL circuit breakers:

Amperage	25,000 AIR ▲	65,000 AIR
100	KDL32100	KGL32100
110	KDL32110	KGL32110
125	KDL32125	KGL32125
150	KDL32150	KGL32150
175	KDL32175	KGL32175
200	KDL32200	KGL32200
225	KDL32225	KGL32225

▲ When used as main circuit breaker in load center, the short circuit current rating is 22,000 A.



QO Circuit Breaker Load Centers—Class 1130 General Information and Application Data

Single- or Three Phase, 12–42 Circuits, 300–400 A, Fixed Mains

UL Listed

- File E-6294
- Suitable for use as service equipment
- 75 °C wire rating (see “Technical Information” on pages 22–29)

Short Circuit Current Rating

- Main lugs: up to 65,000 AIR
- Main circuit breaker: 42,000 AIR fully rated (see “Technical Information” on pages 22–29)

Mains

- Factory-installed main lugs and main circuit breaker
- Multiple wire terminals for phases and neutral
- Top or bottom mains positioning (see “Technical Information” on pages 22–29)

Cover

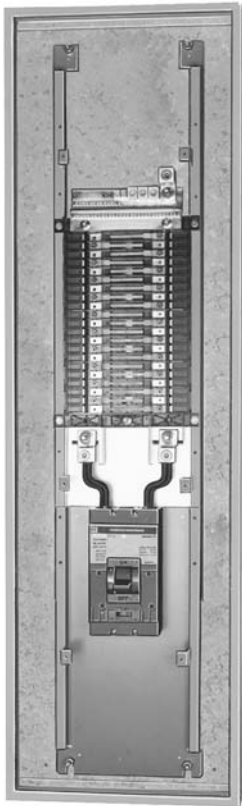
- Flush- and surface-mount covers sold separately

Interior

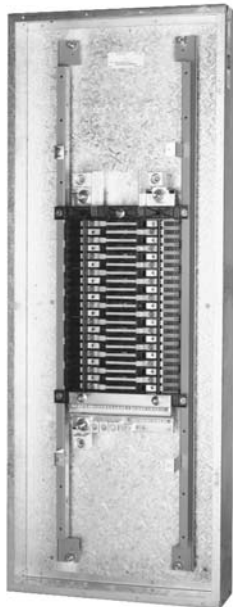
- Available in single- and three-phase construction
- Interiors accept QO and QOB-VH 110–150 A maximum circuit breakers (QOB-VH circuit breakers require connector kit PK3CA)
- Tin plated aluminum bus
- Tin plated copper connector fingers
- Neutral assemblies positioned opposite the mains compartment

Enclosures

- 20 in. (508 mm) wide galvanized steel
- Embossed .25 in. (6 mm) standoffs
- End walls, one blank and one with knockouts, are standard; both are removable and interchangeable
- Embossed keyholes centered at both ends and in visual positioning
- Multiple ground bar mounting locations
- Wire management braces



QON42MS400 and MH68



QON42LS400 and MH53



QO Circuit Breaker Load Centers—Class 1130

General Information and Application Data



PG18GTA Grounding Bar Kit



PK6FL Flush Lock Kit



PK4FL Flush Lock Kit



LK150AN



LK100AN



LK70AN

Auxiliary Neutral Lugs

Accessories

Grounding Bar Kits

- Field installable in all load centers
- Same wire size as terminals (see page 21)
- Suitable for copper or aluminum wire
- Available with #1–4/0 lug PK15GTA-L, PK18GTA-L, and PK23GTA-L (see page 21)

Flush Lock Kits

- Available for indoor load centers
- Two keys provided with each lock kit
- PK6FL for convertible 12–42 circuit load centers
- PK4FL for 300 and 400 A load centers

Auxiliary Neutral Lugs

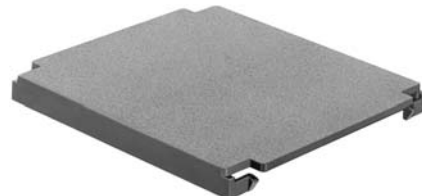
- UL Listed for copper or aluminum wire
- Field installable on neutral assembly
 - LK70AN: #12–#2 AWG Al or #14–#4 AWG Cu
 - LK100AN: #6–2/0 AWG (Al/Cu)
 - LK125AN: #14–2/0 AWG (Al/Cu)
 - LK150AN: #2–3/0 AWG (Al/Cu)

Cover Filler Plates

- Fast to install, snap-in type
- QOFP branch circuit
- QOM1FP for 70–125 A, single-phase, main circuit breakers
- QOM2FP for 150–225 A, single-phase, main circuit breakers
- KFP for 125–225 A, three-phase, main circuit breakers



QOFP Cover Filler Plate



KFP Cover Filler Plate



QO Circuit Breaker Load Centers—Class 1130 General Information and Application Data



QO2175SB



SDAG26
With Tap Kits Installed



**Tap Kit with
Mechanical Lugs**



**Tap Kit for
Crimp Lugs**

SURGEBREAKER™ Secondary Surge Arrester

- QO2175SB UL Listed secondary surge arrester
- Easy plug-on installation for QO load centers
- LED indicates operational status
- Plug-on design requires two pole spaces
- Designed to protect electrical service and “major household appliances” excluding electronic devices

Back-Fed Main Circuit Breaker Retaining Kits

Back-fed main circuit breaker retaining kits secure 2-pole, 10–125 A circuit breakers to single-phase or three-phase mains interiors when used as back-fed main circuit breakers. Mounting of retaining kits is based on top-feed applications.

Catalog No.	Description
PK2MB	QO 6–12 and 8–16 load centers
PK3MB	Three-phase load centers
PK4MB2LA	Mounts on the right side of QO single-phase, 100–125 A convertible main load center, series S01 and S02. Retains one 2-pole QO circuit breaker with or without electrical accessories.
PK4MB2HA	Mounts on the right side of QO single-phase, 150–225 A convertible main load center, series S01 and S02. Retains one 2-pole QO circuit breaker with or without electrical accessories.

UL Listed Manual Transfer Equipment Kits

Manual transfer equipment kits secure two 2-pole, 10–125 A circuit breakers.

Catalog No.	Description
PK4DTIM4LA	Mounts on the right side of QO single-phase, 100–125 A convertible main load center, series S01 and S02. Retains two 2-pole QO circuit breakers with a QO2DTI kit included for dual power supply applications.
PK4DTIM4HA	Mounts on the right side of QO single-phase, 150–225 A convertible main load center, series S01 and S02. Retains two 2-pole QO circuit breakers with a QO2DTI kit included for dual power supply applications.
PK4DTIM4LAL	Mounts on the left side of QO single-phase, 100–125 A convertible main load center, series S01 and S02. Retains two 2-pole QO circuit breakers with a QO2DTI kit included for dual power supply applications.

Auxiliary Gutters and Tap Kits

- Field installable on the left or right side of load centers (see “Technical Information” on pages 22–29)
- Flush cover included with auxiliary gutter
- Tap kits required for each wire to be tapped
- Wire range on tap kits is #4 AWG to 750 kcmil copper or aluminum
- Tap kits include mechanical type lugs
- Crimp-type lugs not included in tap kits (order separately)

Auxiliary Gutter (SDAG26) to Load Center Catalog Number Reference

QO Single-Phase	QO112L125G	QO112M100
	QO11224L125G	QO116M100
	QO112L125GC	QO120M100
	QO11224L125GC	QO124M100
	QO116L125G	QO124M125
	QO11624L125G	QO112M100C
	QO120L125G	QO11220M100C
	QO12024L125G	QO116M100C
	QO124L125G	QO120M100C
	QO120L125GC	
QO Three-Phase	QO312L125G	
	QO320L125G	
	QO324L125G	



QO Circuit Breaker Load Centers—Class 1130

General Information and Application Data



RB Hub



BC200 Enclosure Coupling

Bolt-On Hubs

Equipment with an “RB” suffix, meaning Rainproof NEMA Type 3R construction, uses the bolt-on hubs listed below. “RB” devices will accept .75 in. (19 mm) through 2.50 in. (64 mm) bolt-on hubs without the use of reducers. Off-center conduit thread openings and elongated mounting holes provide quick and easy adjustment to eliminate costly conduit offsets and bends. Hubs are suitable for use with conduit having ANSI standard taper pipe thread.

UL Listed Bolt-On Hubs for RB Devices

Conduit Size	.75 in. (19 mm)	1.00 in. (25 mm)	1.25 in. (32 mm)	1.50 in. (38 mm)	2.00 in. (51 mm)	2.50 in. (64 mm)
Hub Cat. No.	B075	B100	B125	B150	B200	B250

NOTE: Closing cap (catalog number B-CAP) is provided factory-installed on each device having the RB suffix.

UL Listed Enclosure Coupling for RB Devices

Cat. No.	Designed for connecting wireway or other enclosures to units having RB bolt-on conduit provisions. Provides a bushed opening equal to 2 in. conduit. Eliminates the need for conduit nipping.
BC200	

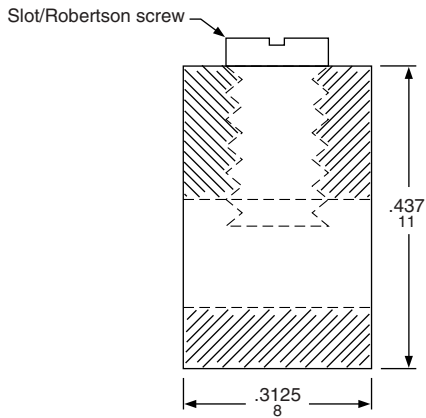


QO Circuit Breaker Load Centers—Class 1130 Technical Information

TECHNICAL INFORMATION

Grounding Bar Kits

All PK equipment grounding kits are supplied with mounting screws, necessary installation instructions, and an “Equipment Grounding Terminal” self-adhesive label.



Cross Section of Size 1 Ground Bar

Catalog Number	Total Qty.	Terminals						Approximate Overall Length		Distance Between Mounting Holes		Mounting
		Quantity Each Size See “Wire Range Table” below.										
		I	II	III	IV	V	VI	in.	mm	in.	mm	
PK0GTA2 ◆	2						2	1.75	44	One hole	One hole	Top
PK0GTA6 ■	6					6		4.61	117	1.69	43	Top
PK3GTA1 +	3	3						1.38	35	One hole	One hole	Top
PK4GTA +	4	4						1.63	41	One hole	One hole	Top
PK5GTA ▼	5	5						2.25	57	1.25	32	Top
PK7GTA +	7	7						2.88	73	1.25	32	Top or side
PK9GTA1 +	9	9						3.25	83	One hole	One hole	Top
PK9GTA +	9	9						3.78	96	3.13	80	Top
PK12GTA +	12	12						4.70	119	3.13	80	Top
PK15GTA +	15	15						5.63	143	3.13	80	Top
PK15GTAL ★	16	15	1					8.13	207	3.13	80	Top
PK15GTA6 ◆	21	15			6			5.88	149	▲	▲	Top
PK18GTA +	18	18						6.56	167	3.13	80	Top
PK18GTAL ★	19	18	1					8.81	224	3.13	80	Top
PK23GTA +	23	23						8.11	206	3.13	80	Top
PK23GTAL ★	24	23	1					9.44	240	3.13	80	Top
PK27GTA ● +	27 or 26	27 or 26		1				9.36	238	3.13	80	Top

- PK27GTA includes one main grounding lug that mounts with two terminal screws and requires three terminals for mounting.
- ▲ 3.13 in. (80 mm) on small terminals; 5.25 in. (133 mm) on large terminals.
- ◆ Mounting screw 40205-065-01 (one required).
- + Mounting screw 21594-14220 (two required).
- ★ Mounting screw 21594-14302 (two required).
- Mounting screw 21922-18360 (two required).
- ▼ Mounting screw 21594-14241 (two required).
- ◆ Mounting screws 21594-14241 (two required) and 21594-17121 (two required).

Wire Range Table

Size	Cu (AWG)	Al (AWG)
I	(1) #14–#4 or (2) #14 or #12	(1) #12–#4 or (2) #12 or #10
II	(1) #1–4/0	(1) #1–4/0
III	(1) #6–2/0	(1) #6–2/0
IV	(1) #6–3/0	(1) #6–3/0
V	(1) #14–1/0	(1) #14–1/0
VI	(1) #10–2/0	(1) #6–2/0



QO Circuit Breaker Load Centers—Class 1130

Technical Information

Main Lugs and Main Circuit Breakers Ratings

Single-Phase, Three-Wire, 120/240 Vac; Main Lugs – Indoor

Mains Rating in Amps	Load Center Catalog Number	Load Center Cover Catalog Number	UL Listed Service Equipment (See notes)	Maximum UL Short Circuit Rating ♦	Main Wire Size AWG/kcmil A/Cu	Enclosure No.	Top or Bottom Mains Position	UL Listed for Corner Grounded Delta Systems
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Fixed Mains – Factory-Installed Main Lugs

30	QO2L30S	Included	No	10,000 A	#12–10 #14–10	1	Top	No
70	QO24L70F/S	Included	B	10,000 A	#12–3	2	Top	No
100	QO612L100F/S	Included	B, C	10,000 A	#8–1	4	Top	No
	QO612L100DF/S	Included	B, C	10,000 A	#8–1	4	Top	
	QO612L100DFCU/SCU	Included	B, C	10,000 A	#8–1	4	Top	
100	QO816L100F/S	Included	B, C	10,000 A	#8–1	4	Top	No
	QO816L100DF/S	Included	B, C	10,000 A	#8–1	4	Top	
	QO816L100DFCU/SCU	Included	B, C	10,000 A	#8–1	4	Top	
125	QO148L125GF/S	Included	B, C	10,000 A	#4–2/0	21	Top	No

Convertible Mains – Factory-Installed Main Lugs

QOM1 Main Frame Size – Convertible to Main Circuit Breaker – Copper Bus

125	QO112L125G	QOC16UF/S	B, C	65,000 A ■▲	#4–2/0	6	Both	Yes
	QO11224L125G	QOC16UF/S	B, C	65,000 A ■▲	#4–2/0	6	Both	
	QO116L125G	QOC24UF/S	B, C	65,000 A ■▲	#4–2/0	7	Both	
	QO11624L125G	QOC24UF/S	B, C	65,000 A ■▲	#4–2/0	7	Both	
	QO120L125G	QOC24UF/S	B	65,000 A ■▲	#4–2/0	7	Both	
	QO12024L125G	QOC24UF/S	B	65,000 A ■▲	#4–2/0	7	Both	
	QO124L125G	QOC24UF/S	B	65,000 A ■▲	#4–2/0	7	Both	
	QO112L125GK	QOC16UF/S	B, C	65,000 A ■▲	#4–2/0	7K	Both	
	QO120L125GK	QOC24UF/S	B	65,000 A ■▲	#4–2/0	7K	Both	
	QO124L125GK	QOC24UF/S	B	65,000 A ■▲	#4–2/0	7K	Both	

Convertible Mains – Factory-Installed Main Lugs

QOM2 Main Frame Size – Convertible to Main Circuit Breaker – Copper Bus

150	QO12030L150G	QOC30UF/S	B, C	65,000 A ■▲	#4–250	9	Both	Yes
	QO124L150G	QOC30UF/S	B, C	65,000 A ■▲	#4–250	9	Both	
	QO13040L150G	QOC30UF/S	B, C	65,000 A ■▲	#4–250	9	Both	
200	QO112L200G	QOC30UF/S	B, C	65,000 A ■▲	#4–250	9	Both	Yes
	QO130L200G	QOC30UF/S	B, C	65,000 A ■▲	#4–250	9	Both	
	QO13040L200G	QOC30UF/S	B, C	65,000 A ■▲	#4–250	9	Both	
	QO13040L200GK	QOC30UF/S	B, C	65,000 A ■▲	#4–250	9K	Both	
225	QO142L225G	QOC42UF/S	B	65,000 A ■▲	#4–300	11	Both	Yes
	QO142L225GK	QOC42UF/S	B	65,000 A ■▲	#4–300	11K	Both	

Fixed Mains – Factory-Installed Main Lugs

400	QON12LS400 (Interior)	MHC50VF/S	C	65,000 A ●	(1)1/0–750	15	Both	Yes
	MH50 (Enclosure)				(2)1/0–300			
	QON30LS400 (Interior)	MHC50VF/S	No	65,000 A ●	(1)1/0–750	15	Both	Yes
	MH50 (Enclosure)				(2)1/0–300			
	QON42LS400 (Interior)	MHC53VF/S	No	65,000 A ●	(1)1/0–750	17	Both	Yes
	MH53 (Enclosure)				(2)1/0–300			

- ♦ Short circuit current rating depends on the lowest AIR rating of main or branch circuit breaker installed.
- ▲ 22,000 A rms symmetrical maximum when supplied by integral type QOMVH main circuit breaker from Square D with 22,000 A rms symmetrical minimum interrupting rating and when all installed QO branch circuit breakers have 10,000 A rms symmetrical minimum interrupting rating.
- UL Listed for 5000 A rms symmetrical short circuit rating when used in 3-phase, 240 Vac, corner grounded Delta systems, when used as main lugs load center **only**. Use 240 Vac circuit breakers only.
- UL Listed for 5000 A rms symmetrical short circuit rating when used on 3-phase, 240 Vac, corner grounded Delta systems. Use 240 Vac circuit breakers only.
- B UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with field-installed service disconnect.
- C UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) when not more than six service disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard.
- K WIREGATOR Qwik-Grip Cable System.



QO Circuit Breaker Load Centers—Class 1130 Technical Information

Single-Phase, Three-Wire, 120/240 Vac; Main Circuit Breaker – Indoor

Mains Rating in Amps	Load Center Catalog Number	Load Center Cover Catalog Number	UL Listed Service Equipment (See Notes)	Maximum UL Short Circuit Rating ♦	Main Wire Size AWG/kcmil Al/Cu	Enclosure No.	Top or Bottom Mains Position	UL Listed for Corner Grounded Delta Systems
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Convertible Mains – Factory-Installed Main Circuit Breaker

QOM1 Main Frame Size – Convertible to Main Lugs or Lower Amperage Main Circuit Breaker – Copper Bus

100	QO112M100	QOC12UF/S	A, B	22,000 A ★	#4-1	5	Both	No
	QO116M100	QOC20U100F/S	A, B	22,000 A ★	#4-1	6	Both	
	QO120M100	QOC20U100F/S	A	22,000 A ★	#4-1	6	Both	
	QO124M100	QOC24UF/S	A	22,000 A ★	#4-1	7	Both	
	QO132M100	QOC32UF	A	22,000 A ★	#4-1	8	Both	
	QO112M100K	QOC16UF/S	A, B	22,000 A ★	#4-1	6K	Both	
	QO120M100K	QOC24UF/S	A	22,000 A ★	#4-1	7K	Both	
125	QO124M125	QOC24UF/S	A	22,000 A ★	#4-2/0	7	Both	No
	QO132M125	QOC32UF	A	22,000 A ★	#4-2/0	8	Both	

Convertible Mains – Factory-Installed Main Circuit Breaker

QOM2 Main Frame Size – Convertible to Main Lugs or Lower Amperage Main Circuit Breaker – Copper Bus

150	QO12030M150	QOC30UF/S	A, B	22,000 A ★	#4-250	9	Both	No
	QO124M150	QOC30UF/S	A, B	22,000 A ★	#4-250	9	Both	
	QO130M150	QOC30UF/S	A, B	22,000 A ★	#4-250	9	Both	
200	QO12040M200	QOC30UF/S	A, B	22,000 A ★	#4-250	9	Both	No
	QO124M200	QOC30UF/S	A, B	22,000 A ★	#4-250	9	Both	
	QO130M200	QOC30UF/S	A, B	22,000 A ★	#4-250	9	Both	
	QO13040M200	QOC30UF/S	A, B	22,000 A ★	#4-250	9	Both	
	QO140M200	QOC40UF/S	A, B	22,000 A ★	#4-250	10	Both	
	QO130M200K	QOC30UF/S	A, B	22,000 A ★	#4-250	9K	Both	
	QO13040M200K	QOC30UF/S	A, B	22,000 A ★	#4-250	9K	Both	
225	QO140M200K	QOC40UF/S	A, B	22,000 A ★	#4-250	10K	Both	No
	QO140M225	QOC42UF/S	A, B	22,000 A ★	#4-300	11	Both	

Fixed Mains – Factory-Installed Main Circuit Breaker

300	QON42MS300	MHC68VF/S	A	42,000 A ●	(1)#4-500	16	Both	Yes
	MH68 (Enclosure)				(2)#4-3/0			
400	QON42MS400	MHC68VF/S	A	42,000 A ●	(1)#4-600	16	Both	Yes
	MH68 (Enclosure)				(2)#4-250			

♦ Short circuit current rating depends on lowest AIR rating of main or branch circuit breaker installed.

★ 22,000 A rms symmetrical maximum when supplied by integral type QOM-VH main circuit breaker from Square D with 22,000 A rms symmetrical minimum interrupting rating and when all installed QO branch circuit breakers have 10,000 A rms symmetrical minimum interrupting rating, 65,000 A rms symmetrical maximum when main lugs kits are installed.

● UL Listed for 5000 A rms symmetrical short circuit current rating when used in 3-phase, 240 Vac, corner grounded Delta systems. Use 240 Vac circuit breakers only.

A UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with factory-installed service disconnect.

B UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with field installed main lugs when not more than six disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See NEC Section 384-14.

K WIREGATOR Qwik-Grip Cable System.



QO Circuit Breaker Load Centers—Class 1130

Technical Information

Single-Phase, Three-Wire, 120/240 Vac; Main Lugs – Rainproof

Mains Rating in Amps	Load Center Catalog Number	Load Center Cover Catalog Number ★	UL Listed Service Equipment (See Notes)	Maximum UL Short Circuit Rating ◆	Main Wire Size AWG/kcmil Al/Cu	Enclosure No.	Top or Bottom Mains Position	UL Listed for Corner Grounded Delta Systems
Fixed Mains – Factory-Installed Main Lugs								
40	QO2L40RB	Included	B	10,000 A	#12–6 #14–10	1R	Top	No
70	QO24L70RB	Included	B	10,000 A	#12–3 #14–4	1R	Top	No
100	QO612L100RB	Included	B, C	10,000 A	#8–1	2R	Top	No
	QO612L100TRB	Included	B, C	10,000 A	#8–1	2R	Top	
	QO612L100RBCU	Included	B, C	10,000 A	#8–1	2R	Top	
100	QO816L100RB	Included	B, C	10,000 A	#8–1	2R	Top	No
	QO816L100RBCU	Included	B, C	10,000 A	#8–1	2R	Top	
125	QO148L125GRB	Included	B, C	10,000 A	#4–2/0	15R	Top	No
Convertible Mains – Factory-Installed Main Lugs								
QOM1 Main Frame Size – Convertible to Main Circuit Breaker – Copper Bus								
125	QO112L125GRB	Included	B, C	65,000 A ■ ▲	#4–2/0	3R	Top	Yes
	QO11224L125GRB	Included	B, C	65,000 A ■ ▲	#4–2/0	3R	Top	
	QO11624L125GRB	Included	B, C	65,000 A ■ ▲	#4–2/0	4R	Top	
	QO124L125GRB	Included	B	65,000 A ■	#4–2/0	4R	Top	
Convertible Mains – Factory-Installed Main Lugs								
QOM2 Main Frame Size – Convertible to Main Circuit Breaker – Copper Bus								
150	QO130L150GRB	Included	B, C	65,000 A ■ ▲	#4–250	6R	Top	Yes
200	QO112L200GRB	Included	B, C	65,000 A ■	#4–250	5R	Top	Yes
	QO130L200GRB	Included	B, C	65,000 A ■	#4–250	6R	Top	
	QO13040L200GRB	Included	B, C	65,000 A ■ ▲	#4–250	6R	Top	
225	QO142L225GRB	Included	B	65,000 A ■	#4–300	8R	Top	Yes
<p>★ Convertible mains load center has a side-hinge door. Allow 1.25 in. (32 mm) on the left side for the door to open.</p> <p>◆ Short circuit current rating depends on lowest AIR rating of main or branch circuit breaker installed.</p> <p>▲ 22,000 A rms symmetrical maximum when supplied by integral type QOMVH main circuit breaker from Square D with 22,000 A rms symmetrical minimum interrupting rating and when all QO installed branch circuit breakers have 10,000 A rms symmetrical minimum interrupting rating.</p> <p>■ UL Listed at 5000 A rms symmetrical short circuit current rating when used in 3-phase, corner grounded, Delta systems, when used as main lugs load center only. Use 240 Vac circuit breakers only.</p> <p>B UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with field-installed service disconnect.</p> <p>C UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) when not more than six service disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See NEC Section 384-14.</p>								



QO Circuit Breaker Load Centers—Class 1130 Technical Information

Single-Phase, Three-Wire, 120/240 Vac; Main Circuit Breaker – Rainproof

Mains Rating in Amps	Load Center Catalog Number	Load Center Cover Catalog Number ▲	UL Listed Service Equipment (See Notes)	Maximum UL Short Circuit Rating ◆	Main Wire Size AWG/kcmil Al/Cu	Enclosure No.	Top or Bottom Mains Position	UL Listed for Corner Grounded Delta Systems
Convertible Mains – Factory-Installed Main Circuit Breaker								
QOM1 Main Frame Size – Convertible to Main Lugs or Lower Amperage Main Circuit Breaker – Copper Bus								
100	QO112M100RB	Included	A, D	22,000 A ★	#4–1	3R	Top	No
	QO116M100RB	Included	A, D	22,000 A ★	#4–1	4R	Top	
	QO120M100RB	Included	A	22,000 A ★	#4–1	4R	Top	
125	QO124M125RB	Included	A	22,000 A ★	#4–2/0	4R	Top	No
Convertible Mains – Factory-Installed Main Circuit Breaker								
QOM2 Main Frame Size – Convertible to Main Lugs or Lower Amperage Main Circuit Breaker – Copper Bus								
150	QO12030M150RB	Included	A, D	22,000 A ★	#4–250	5R	Top	No
	QO130M150RB	Included	A, D	22,000 A ★	#4–250	6R	Top	
200	QO12040M200RB	Included	A, D	22,000 A ★	#4–250	5R	Top	No
	QO130M200RB	Included	A, D	22,000 A ★	#4–250	6R	Top	
	QO140M200RB	Included	A, D	22,000 A ★	#4–250	7R	Top	
Main Circuit Breaker with Feed-Thru Lugs								
125	QO1612M125FTRB	Included	A	22,000 A ★	#4–2/0	3R	Top	No
150	QO1816M150FTRB	Included	A	22,000 A ★	#4–2/0	6R	Top	No
200	QO1816M200FTRB	Included	A	22,000 A ★	#4–2/0	6R	Top	No
<p>▲ Convertible mains load center has a side-hinge door. Allow 1.25 in. (32 mm) on the left side for the door to open.</p> <p>◆ Short circuit current rating depends on lowest AIR rating of main or branch circuit breaker installed.</p> <p>★ 22,000 A rms symmetrical maximum when supplied by integral type QOM-VH main circuit breaker from Square D with 22,000 A rms symmetrical minimum interrupting rating and when all installed QO branch circuit breakers have 10,000 A rms symmetrical minimum interrupting rating. 65,000 A rms symmetrical maximum when main lug kits installed.</p> <p>A UL Listed as suitable for use as service equipment (neutral bonded at time of installation) with factory-installed service disconnect.</p> <p>D UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with field-installed main lugs when not more than six service disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See NEC Section 384-14.</p>								



QO Circuit Breaker Load Centers—Class 1130

Technical Information

3-Phase, 4-Wire, 208Y/120 Vac; 3-Phase, 4-Wire, 240/120 Vac, Delta;
3-Phase, 3-Wire, 240 Vac, Delta; Main Lugs, Main Circuit Breaker – Indoor

Mains Rating in Amps	Load Center Catalog Number	Load Center Cover Catalog Number	UL Listed Service Equipment (See Notes)	Maximum UL Short Circuit Rating ♦	Main Wire Size AWG/kcmil A/Cu		Enclosure No.	Top or Bottom Mains Position	UL Listed for Corner Grounded Delta Systems
Fixed Mains – Factory-Installed Main Lugs									
60	QO403L60NF/S	Included	B	22,000 A ♦	–	#10-6	13	Top	No
125	QO312L125G	QOC16UF/S	B, C	65,000 A ♦	#4-2/0	#4-2/0	6	Both	No
	QO320L125G	QOC24UF/S	B, C	65,000 A ♦	#4-2/0	#4-2/0	7	Both	
	QO324L125G	QOC24UF/S	B, C	65,000 A ♦	#4-2/0	#4-2/0	7	Both	
200	QO318L200G	QOC30UF/S	B, C	65,000 A ♦	#4-250	#4-250	9	Both	No
	QO330L200G	QOC30UF/S	B, C	65,000 A ♦	#4-250	#4-250	9	Both	
225	QO342L225G	QOC42UF/S	B	65,000 A ♦	#4-300	#4-300	11	Both	No
400	QON442LS400	MHC53VF/S	No	65,000 A ♦	(1)1/0-750		17	Both	No
	MH53 (Enclosure)			65,000 A ♦	(2)1/0-300				
Convertible Mains – Factory-Installed Main Circuit Breaker									
100	QO327M100	QOC30UF/S	A	22,000 A	#4-1/0	#4-1	9	Both	No
125	QO330M125	QOC342MF/S	A	65,000 A ■ ▲	#4-250	#4-250	12	★	No
150	QO330M150	QOC342MF/S	A, D	65,000 A ■ ▲	#4-250	#4-250	12	★	No
	QO342M150	QOC342MF/S	A	65,000 A ■ ▲	#4-250	#4-250	12	★	
200	QO330M200	QOC342MF/S	A, D	65,000 A ■ ▲	#4-250	#4-250	12	★	No
	QO342M200	QOC342MF/S	A	65,000 A ■ ▲	#4-250	#4-250	12	★	
225	QO342M225	QOC342MF/S	A	65,000 A ■ ▲	#4-250	#4-250	12	★	No
Fixed Mains – Factory-Installed Main Circuit Breaker									
300	QON442MS300	MHC68VF/S	A	10,000 A ♦	(1)#4-500		16	★	No
	MH68 (Enclosure)				(2)#4-3/0				
400	QON442MS400	MHC68VF/S	A	10,000 A ♦	(1)#4-600		16	★	No
	MH68 (Enclosure)				(2)#4-250				
<p>♦ Short circuit current rating depends on lowest AIR rating of branch circuit breaker installed.</p> <p>▲ 22,000 A rms symmetrical maximum when supplied by integral type KDL main circuit breaker from Square D with 22,000 A rms minimum interrupting rating and when all installed QO and Q1 branch circuit breakers have 10,000 A rms symmetrical minimum interrupting rating.</p> <p>■ 65,000 A rms symmetrical maximum when type KGL main circuit breaker from Square D with 65,000 A rms minimum interrupting rating is installed and when all installed QO and Q1 branch circuit breakers have 10,000 A rms symmetrical minimum interrupting rating.</p> <p>A UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with factory-installed service disconnect.</p> <p>B UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with field-installed service disconnect.</p> <p>C UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) when not more than six service disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See NEC Section 384-14.</p> <p>D UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with field-installed main lugs, when not more than six service disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See NEC Section 384-14.</p> <p>★ Mains positioning from top to bottom feed; first rotate the main circuit breaker 180°, then rotate the complete load center 180°.</p>									



QO Circuit Breaker Load Centers—Class 1130 Technical Information

3-Phase, 4-Wire, 208Y/120 Vac; 3-Phase, 4-Wire, 240/120 Vac, Delta;
3-Phase, 3-Wire, 240 Vac, Delta; Main Lugs, Main Circuit Breaker – Rainproof

Mains Rating in Amps	Load Center Catalog Number	Load Center Cover Catalog Number *	UL Listed Service Equipment (See Notes)	Maximum UL Short Circuit Rating ♦	Main Wire Size AWG/kcmil Al/Cu		Enclosure No.	Top or Bottom Mains Position	UL Listed for Corner Grounded Delta Systems
Fixed Mains – Factory-Installed Main Lugs									
60	QO403L60NRB	Included	B	22,000 A ♦	–	#10–6	10R	Top	No
125	QO312L125GRB	Included	B, C	65,000 A ♦	#4–4/0	#4–2/0	3R	Top	No
	QO320L125GRB	Included	B, C	65,000 A ♦	#4–4/0	#4–2/0	4R	Top	
200	QO318L200GRB	Included	B, C	65,000 A ♦	#4–250	#4–250	6R	Top	No
	QO330L200GRB	Included	B, C	65,000 A ♦	#4–250	#4–250	6R	Top	
225	QO342L225GRB	Included	B, C	65,000 A ♦	#4–300	#4–300	8R	Top	No
Convertible Mains – Factory-Installed Main Circuit Breaker									
100	QO327M100RB	Included	A	22,000 A	#4–1/0	#4–1	6R	Top	No
125	QO330M125RB	Included	A	65,000 A ■ ▲	#4–250	#4–250	14R	Top	No
150	QO330M150RB	Included	A, D	65,000 A ■ ▲	#4–250	#4–250	14R	Top	No
200	QO330M200RB	Included	A, D	65,000 A ■ ▲	#4–250	#4–250	14R	Top	No
	QO342M200RB	Included	A	65,000 A ■ ▲	#4–250	#4–250	14R	Top	
225	QO342M225RB	Included	A	65,000 A ■ ▲	#4–250	#4–250	14R	Top	No

Recreational Vehicle and Manufactured Housing

Mains Rating in Amps	Load Center Catalog Number	Load Center Cover Catalog Number	UL Listed Service Equipment (See Notes)	Maximum UL Short Circuit Rating ♦	Main Wire Size AWG/kcmil Al/Cu		Enclosure No.	Top or Bottom Mains Position	UL Listed for Corner Grounded Delta Systems
1-Phase, 2-Wire, 120 Vac – Main Lugs Only									
30	QO2L30TTS ▼ *	Included	No	10,000 A	#12–10	#14–10	1	Top	No
50	QO24L50TTS ▼ ★	Included	No	10,000 A	–	#14–6	2	Top	No
1-Phase, 2-Wire, 120 Vac – Main Circuit Breaker									
30	QO35FM30TTF/S ▼	Included	No	10,000 A	See circuit breaker info		3	Top	No
1-Phase, 3-Wire, 120/240 Vac – Main Lugs Only									
70	QO24L70TS ▼	Included	B	10,000 A	#12–3	#14–4	2	Top	No
100	QO612L100TF/S ▼ ●	Included	B, C	10,000 A	#4–1	#4–1	4	Top	No
	QO612L100DTF/S ▼ ●	Included	B, C	10,000 A	#4–1	#4–1	4	Top	
100	QO816L100TF/S ●	Included	B, C	10,000 A	#4–1	#4–1	4	Top	No
	QO816L100DTF/S ●	Included	B, C	10,000 A	#4–1	#4–1	4	Top	

* Side-hinge door device, allow 1.25 in. (32 mm) on the left side for the door to open, except QO403L60NRB.

♦ Short circuit current rating depends on lowest AIR rating of main or branch circuit breaker installed.

▲ 22,000 A rms symmetrical maximum when supplied by integral type QOM-VH main circuit breaker from Square D with 22,000 A rms symmetrical minimum interrupting rating and when all installed QO branch circuit breakers have 10,000 A rms symmetrical minimum interrupting rating.

■ Short gutter side limited to #3 AWG wire maximum.

▼ CSA Certified.

* Will not accept QWIK-GARD QO-GFI circuit breaker.

★ Use #10 AWG maximum size wire for QO-GFI circuit breaker.

● 70 A maximum branch circuit breaker and 70 A maximum back-fed main circuit breaker.

A UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with factory-installed service disconnect.

B UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with field-installed service disconnect.

C UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) when not more than six service disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See NEC Section 384-14.

D UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with field-installed main lugs and not more than six service disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See NEC Section 384-14.



QO Circuit Breaker Load Centers—Class 1130

Technical Information

Mains Rating in Amps	Load Center Catalog Number	Load Center Cover Catalog Number	UL Listed Service Equipment (See Notes)	Maximum UL Short Circuit Rating ♦	Main Wire Size AWG/kcmil Al/Cu	Enclosure No.	Top or Bottom Mains Position	UL Listed for Corner Grounded Delta Systems
1-Phase, 3-Wire, 120/240 Vac – Main Circuit Breaker								
200	QO12040M200TC	Included	A, D	22,000 A ▲	#4–250	9	Both	No
Non-Metallic								
1-Phase, 3-Wire, 120/240 Vac – Main Lugs Only								
60	QO24L60NRNM	Included	B, C	10,000 A	#14–4	1NM	Bottom	No
Riser								
1-Phase, 3-Wire, 120/240 Vac – Factory-Installed Main Lugs – Offset Interior Wide Gutter QOM1 Main Frame Size – Convertible to Main Circuit Breaker – Copper Bus ■								
125	QO11224L125GWGC	Included	B, C	65,000 A ▲	#4–2/0	14	Both	Yes
	QO12024L125GWGC	Included	B	65,000 A ▲	#4–2/0	14	Both	
Generator Panel								
1-Phase, 3-Wire, 120/240 Vac – Factory-Installed Main Circuit Breakers with Mechanical Interlock								
30	QO48M30DSGP	Included	No	10,000 A	#14–8	4	Bottom	No
60	QO48M60DSGP	Included	A	10,000 A	#8–2	4	Bottom	
Pre-Wired								
30	QO48M30DFGPW1	Included	No	10,000 A	#10	23	Bottom	No
Auxiliary Gutter								
UL Listed for Use with Standard Load Centers for Riser Applications								
–	SDAG26	Flush	No	N/A	See Tap Kit	–	–	No

- * Side-hinge door device, allow 1.25 in. (32 mm) on the left side for the door to open, except QO403L60NRB.
- ♦ Short circuit current rating depends on lowest AIR rating of main or branch circuit breaker installed.
- ▲ 22,000 A rms symmetrical maximum when supplied by integral type QOM-VH main circuit breaker from Square D with 22,000 A rms symmetrical minimum interrupting rating and when all installed QO branch circuit breakers have 10,000 A rms symmetrical minimum interrupting rating.
- Short gutter side limited to #3 AWG wire maximum.
- ▼ CSA Certified.
- ‡ Will not accept QWIK-GARD QO-GFI circuit breaker.
- ★ Use #10 AWG maximum size wire for QO-GFI circuit breaker.
- 70 A maximum branch circuit breaker and 70 A maximum back-fed main circuit breaker.
- A UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with factory-installed service disconnect.
- B UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with field-installed service disconnect.
- C UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) when not more than six service disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See NEC Section 384-14.
- D UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with field-installed main lugs and not more than six service disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See NEC Section 384-14.

Tap Kits

UL Listed for Use with Auxiliary Gutter SDAG26				
Riser Wire			Tap Off Wire	
Catalog Number	Lug Type	Wire Size	Lug Type	Wire Size
SDGT30020	Mechanical	(2) #6 AWG–300 kcmil	Mechanical	(1) #6 AWG–2/0 AWG
SDGT300300	Mechanical	(2) #6 AWG–300 kcmil	Mechanical	(1) #6 AWG–300 kcmil
SDGT300C10C	Crimp	(2) #4 AWG–300 kcmil	Crimp	(1) #8 AWG–1/0 AWG
SDGT300C300C	Crimp	(2) #4 AWG–300 kcmil	Crimp	(1) #4 AWG–300 kcmil
QOGL20	Mechanical	(2) #6 AWG–2/0 AWG	–	–



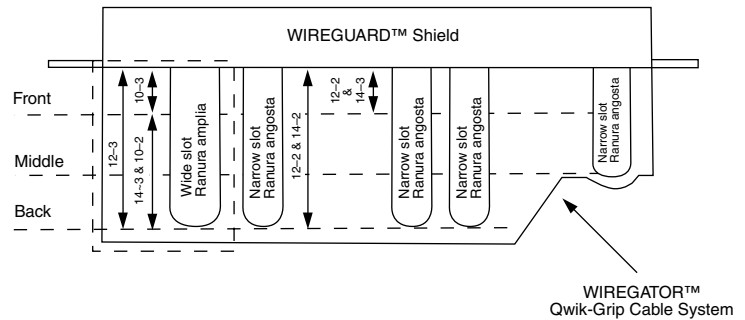
QO Circuit Breaker Load Centers—Class 1130

Dimensions and Knockouts

WIREGATOR™ Qwik-Grip Cable System

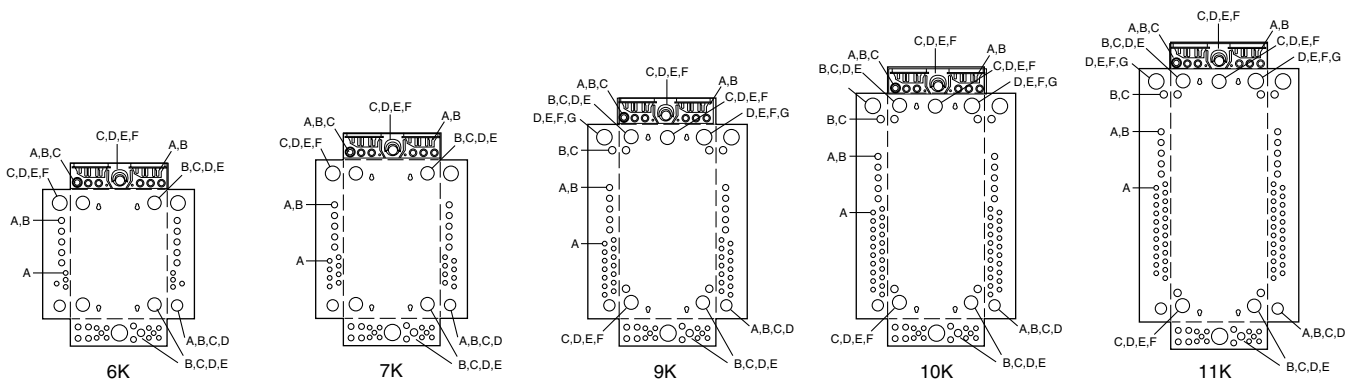
WIREGATOR™ Qwik-Grip Cable System Wire Size Per Slot

Position	Wide Slot	Narrow Slot	Narrow Slot	Narrow Slot	Narrow Slot
Front	12-3 10-3	14-3, 14-2 12-2 10-2	14-3, 14-2 12-2 10-2	14-3, 14-2 12-2 10-2	14-3, 14-2 12-2 10-2
Middle	14-3 12-3 10-2	14-2 12-2	14-2 12-2	14-2 12-2	14-2 12-2
Back	14-3 12-3 10-2	14-2 12-2	14-2 12-2	14-2 12-2	



Indoor Dimensions						
Enclosure No.	W		H		D	
	in.	mm	in.	mm	in.	mm
6K	14.25	362	17.92	455	3.75	95
7K	14.25	362	20.92	531	3.75	95
9K	14.25	362	29.86	758	3.75	95
10K	14.25	362	33.78	858	3.75	95
11K	14.25	362	37.98	965	3.75	95

Indoor Knockouts									
Symbol	A	B	C	D	E	F	G	H	I
Conduit Size	.50 in. (13 mm)	.75 in. (19 mm)	1.00 in. (25 mm)	1.25 in. (32 mm)	1.50 in. (38 mm)	2.00 in. (51 mm)	2.50 in. (64 mm)	3.00 in. (76 mm)	3.50 in. (89 mm)



Indoor Dimensions and Knockouts—WIREGATOR™ Qwik-Grip Cable System



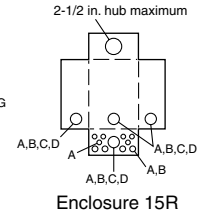
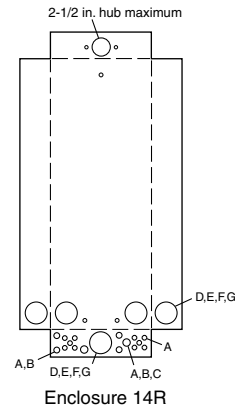
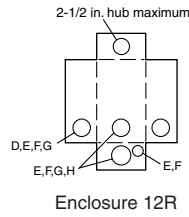
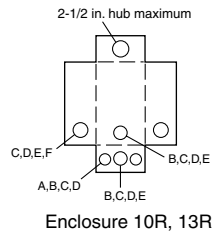
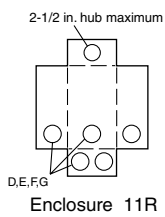
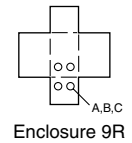
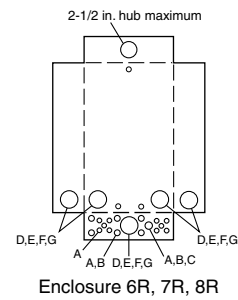
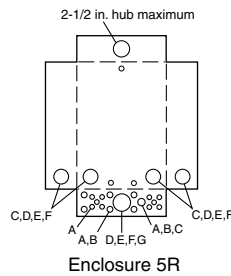
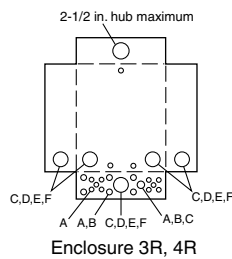
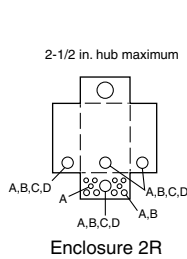
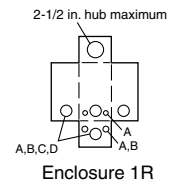
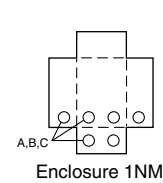
QO Circuit Breaker Load Centers—Class 1130

Dimensions and Knockouts

Enclosure No.	Outdoor Dimensions					
	W		H		D	
	in.	mm	in.	mm	in.	mm
1NM	6.52	166	8.79	223	3.90	99
1R	4.88	124	9.38	238	4.00	102
2R	8.88	226	12.65	321	4.27	108
3R	14.75	375	18.92	481	4.52	115
4R	14.75	375	22.06	560	4.52	115
5R	14.75	375	26.04	661	4.52	115
6R	14.75	375	29.86	758	4.52	115
7R	14.75	375	33.78	858	4.52	115
8R	14.75	375	37.98	965	4.52	115
9R	4.56	116	6.50	165	3.88	99
10R	6.92	176	13.18	335	4.12	105
11R	7.56	192	23.24	590	4.75	121

Enclosure No.	Outdoor Dimensions					
	W		H		D	
	in.	mm	in.	mm	in.	mm
12R	9.62	244	26.24	666	5.50	140
13R	6.92	176	16.18	411	4.12	105
14R	14.75	375	39.37	1000	4.52	115
15R	8.88	226	14.80	376	4.27	108

Outdoor Knockouts								
Symbol	A	B	C	D	E	F	G	H
Conduit Size	.50 in. (13 mm)	.75 in. (19 mm)	1.00 in. (25 mm)	1.25 in. (32 mm)	1.50 in. (38 mm)	2.00 in. (51 mm)	2.50 in. (64 mm)	3.00 in. (76 mm)



Outdoor Dimensions and Knockouts




QO Circuit Breaker Load Centers—Class 1130 Specifications

Single-Phase Labels

The labels below represent typical labels. Information may not be applicable or may change without notice. See the actual label in the load center for the latest information.

<p>Number of circuits maximum. Enclosure catalog number. Catalog number of covers; flush or surface. See panelboard interior for the catalog number. Voltage ratings. Amperage rating.</p>	<p>Wire range for lug torque data table.</p>	<p>Short circuit ratings. Short circuit ratings and additional of replacement circuit breakers.</p>	<p>UL listing.</p>																																																																																									
<p>QO® LOAD CENTER See Panelboard interior for Catalog No. Box Cat. No. / Caja No. de Catalogo: BX18C Use Cover Cat. No. / Utilice la Cubierta No. de Catalogo: QOC16US or/or QOC16UF Mains 125A max. Lina principal de 125A maximo. See main or service disconnect rating if installed. 240 V ~ Max. 1Ø, 50 / 60 Hz. 24 circuit max. / 24 circuitos maximo. Type 1 Enclosure Gabinete Tipo 1 For installation, repairs or alterations, Call an electrical contractor or electrician.</p>	<p>LUG TORQUE DATA See circuit breakers and field installed units for wire binding screw torque</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Wire Range (AWG/kcmil)</th> <th>Torque (in/lbs.)</th> </tr> </thead> <tbody> <tr> <td>Line Neutral Lug</td> <td>4 - 2Ø CU/AL</td> <td>50</td> </tr> <tr> <td>Main Lug</td> <td>6 - 2Ø CU/AL</td> <td>50</td> </tr> <tr> <td>Alternate Main Breaker</td> <td>See Main Breaker</td> <td>See Main Breaker</td> </tr> </tbody> </table> <p>Branch Neutral and Equipment Ground Bar</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Wire Range (AWG)</th> <th colspan="2">Torque (in/lbs.)</th> <th rowspan="2">Bar with 1 screw size</th> </tr> <tr> <th>Bar with 2 screw sizes</th> <th>Small</th> </tr> </thead> <tbody> <tr> <td>1/0 - 3 CU / AL</td> <td>Large 50</td> <td>Small —</td> <td>—</td> </tr> <tr> <td>4 CU / AL</td> <td>Large 45</td> <td>Small —</td> <td>35</td> </tr> <tr> <td>6 CU / AL</td> <td>Large 45</td> <td>Small 25</td> <td>35</td> </tr> <tr> <td>8 CU / AL</td> <td>Large 40</td> <td>Small 10</td> <td>25</td> </tr> <tr> <td>10-14 CU, 10-12 AL</td> <td>Large 35</td> <td>Small 10</td> <td>20</td> </tr> </tbody> </table> <p>Equipment Ground Combinations</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Two 14 or 12 CU, Two 12 AL</th> <th>35</th> <th>10</th> <th>25</th> </tr> </thead> <tbody> <tr> <td>Two 10 AL</td> <td>35</td> <td>—</td> <td>25</td> </tr> </tbody> </table>	Wire Range (AWG/kcmil)	Torque (in/lbs.)	Line Neutral Lug	4 - 2Ø CU/AL	50	Main Lug	6 - 2Ø CU/AL	50	Alternate Main Breaker	See Main Breaker	See Main Breaker	Wire Range (AWG)	Torque (in/lbs.)		Bar with 1 screw size	Bar with 2 screw sizes	Small	1/0 - 3 CU / AL	Large 50	Small —	—	4 CU / AL	Large 45	Small —	35	6 CU / AL	Large 45	Small 25	35	8 CU / AL	Large 40	Small 10	25	10-14 CU, 10-12 AL	Large 35	Small 10	20	Two 14 or 12 CU, Two 12 AL	35	10	25	Two 10 AL	35	—	25	<p>SHORT CIRCUIT RATING RMS Symmetrical Amperes at 120 / 240 V ~ Maximum</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Panel Rating</th> <th>Remote Main</th> <th>Integral Main</th> <th>Branch (min.) / Cat. prefix.</th> </tr> </thead> <tbody> <tr> <td>*65,000</td> <td>----</td> <td>Lugs</td> <td>65,000 / OQ</td> </tr> <tr> <td>*42,000</td> <td>----</td> <td>Lugs</td> <td>42,000 / QO.H</td> </tr> <tr> <td>*22,000</td> <td>----</td> <td>Lugs</td> <td>22,000 / QO.VH</td> </tr> <tr> <td>*10,000</td> <td>----</td> <td>Lugs</td> <td>10,000 / QO, QOT & Q1</td> </tr> <tr> <td>**5,000</td> <td>----</td> <td>Lugs</td> <td>5,000 / QO...H (2 pole)</td> </tr> <tr> <td>100,000</td> <td>--100-200A,300V T Fuse</td> <td>Lugs</td> <td>10,000 / QO & QOT</td> </tr> <tr> <td>42,000</td> <td>QO.H</td> <td>Lugs</td> <td>10,000 / QO & QOT</td> </tr> <tr> <td>22,000</td> <td>Q2...H, KD, QO...VH</td> <td>Lugs</td> <td>10,000 / QO & QOT</td> </tr> <tr> <td>65,000</td> <td>KG</td> <td>Lugs</td> <td>10,000 / QO & QOT</td> </tr> <tr> <td>22,000</td> <td>----</td> <td>QOM...VH</td> <td>10,000 / QO, QOT & Q1</td> </tr> </tbody> </table> <p>** 240 V - 3Ph. 3W. Grounded "B" phase requires 240 V - branch breakers. * The rating is equal to the lowest interrupting rating of any circuit breaker installed. Refer to branch breaker for individual ratings. Additional or replacement branch circuit breakers, main breaker, or service disconnect MUST have an interrupting rating equal to or greater than that of the circuit breaker with the lowest interrupting rating presently installed. See panelboard interior for breaker types.</p>	Panel Rating	Remote Main	Integral Main	Branch (min.) / Cat. prefix.	*65,000	----	Lugs	65,000 / OQ	*42,000	----	Lugs	42,000 / QO.H	*22,000	----	Lugs	22,000 / QO.VH	*10,000	----	Lugs	10,000 / QO, QOT & Q1	**5,000	----	Lugs	5,000 / QO...H (2 pole)	100,000	--100-200A,300V T Fuse	Lugs	10,000 / QO & QOT	42,000	QO.H	Lugs	10,000 / QO & QOT	22,000	Q2...H, KD, QO...VH	Lugs	10,000 / QO & QOT	65,000	KG	Lugs	10,000 / QO & QOT	22,000	----	QOM...VH	10,000 / QO, QOT & Q1	<p>UL Underwriter's Laboratories, Inc.® LISTED Electric Cabinet Box Issue No. V-2813</p> <p>Install loose label with Spanish translation on back of cover. Adhiera la etiqueta suelta con las traducciones en español en la parte posterior del frente. Please read information before installing. Por favor lea la informacion antes de instalar.</p> <p>SQUARE D COMPANY® 001021 15 40265-381-03</p>
Wire Range (AWG/kcmil)	Torque (in/lbs.)																																																																																											
Line Neutral Lug	4 - 2Ø CU/AL	50																																																																																										
Main Lug	6 - 2Ø CU/AL	50																																																																																										
Alternate Main Breaker	See Main Breaker	See Main Breaker																																																																																										
Wire Range (AWG)	Torque (in/lbs.)		Bar with 1 screw size																																																																																									
	Bar with 2 screw sizes	Small																																																																																										
1/0 - 3 CU / AL	Large 50	Small —	—																																																																																									
4 CU / AL	Large 45	Small —	35																																																																																									
6 CU / AL	Large 45	Small 25	35																																																																																									
8 CU / AL	Large 40	Small 10	25																																																																																									
10-14 CU, 10-12 AL	Large 35	Small 10	20																																																																																									
Two 14 or 12 CU, Two 12 AL	35	10	25																																																																																									
Two 10 AL	35	—	25																																																																																									
Panel Rating	Remote Main	Integral Main	Branch (min.) / Cat. prefix.																																																																																									
*65,000	----	Lugs	65,000 / OQ																																																																																									
*42,000	----	Lugs	42,000 / QO.H																																																																																									
*22,000	----	Lugs	22,000 / QO.VH																																																																																									
*10,000	----	Lugs	10,000 / QO, QOT & Q1																																																																																									
**5,000	----	Lugs	5,000 / QO...H (2 pole)																																																																																									
100,000	--100-200A,300V T Fuse	Lugs	10,000 / QO & QOT																																																																																									
42,000	QO.H	Lugs	10,000 / QO & QOT																																																																																									
22,000	Q2...H, KD, QO...VH	Lugs	10,000 / QO & QOT																																																																																									
65,000	KG	Lugs	10,000 / QO & QOT																																																																																									
22,000	----	QOM...VH	10,000 / QO, QOT & Q1																																																																																									

<p>Service Equipment marking. Use of unused neutral branch terminal for equipment grounding, service equipment application only.</p>	<p>Installation of back-fed main circuit breaker and required kit. Alternate wiring diagram for main circuit breaker or main lug.</p>	<p>Type of circuit breakers from Square D that may be used in this panelboard.</p>	<p>Load center accessories. Neutral lug for 1/0 AWG or larger wire.</p>
<p>Suitable for use with 75°C Copper or Aluminum main conductors. See branch breakers for branch wire ratings.</p> <p>* Suitable for use as service equipment when service disconnect (main breaker) is installed. * Suitable for use as service equipment when not more than six main disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See Article 384-14 of the NEC. * When used as service equipment, all unused neutral terminals may be used for terminating equipment ground wires.</p>	<p>1. Box bonding when required. / Conexión a la caja cuando fuese necesario. 2. Main breaker type: QOM1 or QOM1A. / Interruptor automatico principal tipo: QOM1 o QOM1A.</p> <p>3. Service ground when required. / Tierra de acometida cuando fuese necesario</p> <p>1. Main lugs kit no: QOL125. / No. de accesorio de las zapatas principales: QOL125.</p>	<p></p> <p>Two single poles. One plug on space or may use one single pole. One two pole requires two spaces.</p> <p>Torque Note: When main breaker or main lug connector mounting nuts are loosened or removed, retighten to 75 lbs./in. torque.</p> <p>Equipment Grounding Terminals</p>	<p>Load Center Accessories - Kits</p> <ul style="list-style-type: none"> PK4MB2LA Back-fed Main Cir. Brkr. Retaining QO2175SB Plug-On Surge Arrestor * SDSA1175 1 Phase Surge Arrestor QOSAMK SDSA1175 Mounting Bracket QOL2125 1 Phase Plug-on Subfeed Lugs * PK9--27GTA(L) Equipment Ground Bar PKG7AB Equipment Ground Bar Insulator LK70AN 70A Max. Neutral Lug LK100AN 125A Max. Neutral Lug QOL125 Main Lugs PK6FL Indoor Cover Lock <p>* May plug on two adjacent spaces. Torque Note: When interior mounting screw is loosened or removed, retighten to 35 lbs./in.</p> <p>SQUARE D COMPANY® Made in U.S.A. 15 40265-668-02</p>

QO Circuit Breaker Load Centers—Class 1130 Specifications

Three-Phase Labels

The labels below represent typical labels. Information may not be applicable or may change without notice. See the actual label in the load center for the latest information.

Number of circuits maximum.
Enclosure catalog number.
Catalog number of covers; flush or surface.
See panelboard interior for the catalog number.
Voltage ratings.
Amperage rating.

Wire range for lug torque data table.

Short circuit ratings.
Short circuit ratings and additional of replacement circuit breakers.

UL listing.

QO® LOAD CENTER
See Panelboard interior for Catalog No. Box Cat. No. / Caja No. de Catalogo: BX338C
Use Cover Cat. No. / Utilice la Cubierta No. de Catalogo: QOC42US or/or QOC42UF
Mains 225A / Lina principal de 225A maximo.
See main or service disconnect rating if installed.
240 V - Max. 30, 50 / 60 Hz.
42 circuit max. / 42 circuitos maximo.
Type 1 Enclosure
Gabinete Tipo 1
240V, 3PH, 3W: For this system neutral is not used and only breakers rated 240V are to be used.
240V, 3PH, 4W: When wired for delta system, phase "B" must be 208V to neutral. Breaker poles connected to phase "B" must be rated 240V 1PH: Single pole breakers can not be connected to phase B.

LUG TORQUE DATA
See circuit breakers and field installed units for wire binding screw torque

Wire Range (AWG/kcmil)	Torque (in./lbs.)	
Line Neutral Lug	4 - 300 CU/AL	250
Main Lug	4 - 300 CU/AL	250
Alternate Main Breaker	See Main Breaker	See Main Breaker

Branch Neutral and Equipment Ground Bar

Wire Range (AWG)	Torque (in./lbs.)		Bar with 1 screw size
	Bar with 2 screw sizes	Bar with 1 screw size	
1/0 - 3 CU / AL	Large 50	Small —	—
4 CU / AL	Large 45	Small —	35
6 CU / AL	Large 45	Small 25	35
8 CU / AL	Large 40	Small 10	25
10-14 CU, 10-12 AL	Large 35	Small 10	20

Equipment Ground Combinations

Two 14 or 12 CU, Two 12 AL	35	10	25
Two 10 AL	35	—	25

SHORT CIRCUIT RATING
RMS Symmetrical Amperes at 120 / 240 V - Maximum

Panel Rating	Remote Main	Integral Main	Branch (min.) / Cat. prefix
*65,000	----	Lugs	65,000 / QH
*42,000	----	Lugs	42,000 / OOH
*22,000	----	Lugs	22,000 / QO.VH
*10,000	----	Lugs	10,000 / OO&Q1.OO...H
**5,000	----	Lugs	5,000 / QO...H(2 POLE)
100,000	100-200A, 300V T Fuse	Lugs	10,000 / QO
22,000	KD, QO...VH	Lugs	10,000 / QO
22,000	Q2...H	Lugs	10,000 / QO (10A-60A)
65,000	KG	Lugs	10,000 / QO
65,000	----	KG	10,000 QO&Q1
22,000	----	KD	10,000 QO&Q1
22,000	----	QO...VH	10,000 / QO

** 240 v - 3Ph, 3W, Grounded "B" phase requires 240 V - branch breakers.
* The rating is equal to the lowest interrupting rating of any circuit breaker installed. Refer to branch breaker for individual ratings. Additional or replacement branch circuit breakers, main breaker, or service disconnect MUST have an interrupting rating equal to or greater than that of the circuit breaker with the lowest interrupting rating presently installed. See panelboard interior for breaker types.

Underwriter's Laboratories, Inc.®
LISTED
Electric Cabinet Box
Issue No. V-2813

For installation, repairs or alterations, Call an electrical contractor or electrician. Install loose label with Spanish translation on back of cover.
Adhiera la etiqueta sauelat con la traduccion en Español en la parte posterior de la cubierta. Please read information before installing.
Por favor lea la informacion antes de instalar.

SQUARE D COMPANY®
001021 15 40265-381-03

Service Equipment marking.
Use of unused neutral branch terminal for equipment grounding, service equipment application only.

Alternate wiring diagram for main circuit breaker or main lug.
Installation of back-fed main circuit breaker and required kit.


Type of circuit breakers from Square D that may be used in this panelboard.

Load center accessories.
Neutral lug for 1/0 AWG or larger wire.

Suitable for use with 75°C Copper or Aluminum main conductors. See branch breakers for branch wire ratings.

* Suitable for use as service equipment when service disconnect (main breaker) is installed.
* Suitable for use as service equipment when not more than six main disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard.
See Article 384-14 of the NEC.
* When used as service equipment, all unused neutral terminals may be used for terminating equipment ground wires.

- Box bonding when required. / Conexión a la caja cuando fuese necesario.
- Service ground when required. / Tierra de acometida cuando fuese necesario
- Main lugs kit no: QOL3225. / No. de accesorio de las zapatas principales: QOL3225.
- Lug kit when installed. / Accesorio de la zapata, cuando se instala.
- Back fed main circuit breaker when installed. / Interruptor automático principal de alimentación posterior, cuando se instala.
- Integral main circuit breaker when installed. / Interruptor automático integral principal, cuando se instala.



One single pole. One plug on space. One two pole requires two plug on spaces. One three pole requires three plug on spaces.

Torque Note: When main breaker or main lug connector mounting nuts are loosened or removed, retighten to 75 lbs./in. torque.

Equipment Grounding Terminals

Load Center Accessories - Kits

- PK3MB Back-fed Main Cir. Brkr. Retaining
- SDSA3650 3 Phase Surge Arrestor
- QO60SL 1 Phase Plug-on Subfeed Lugs *
- QO125SL 1 Phase Plug-on Subfeed Lugs *
- QO3125SL 3 Phase Plug-on Subfeed Lugs +
- PK9-27GTA(L) Equipment Ground Bar Insulator
- PKGTAB Equipment Ground Bar
- LK100AN 125A Max. Neutral Lug
- LK150AN 150A Max. Neutral Lug
- QOL3225 Main Lugs
- PK6FL Indoor Cover Lock

* May plug on two adjacent spaces.
+ May plug on three adjacent spaces.

Torque Note: When interior or main breaker mounting screws are loosened or removed, retighten to 35 lbs./in.

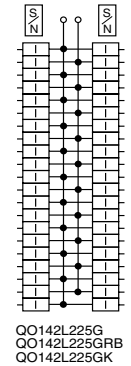
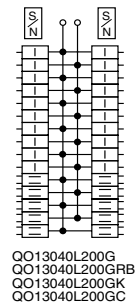
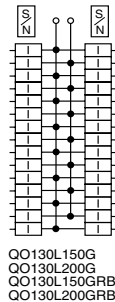
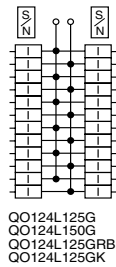
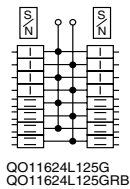
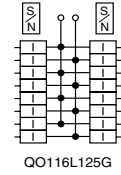
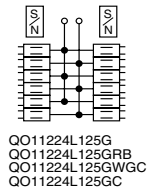
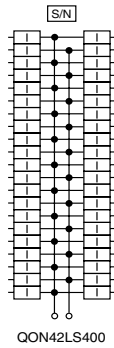
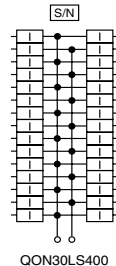
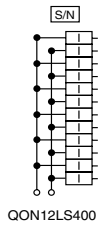
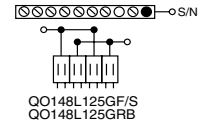
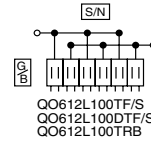
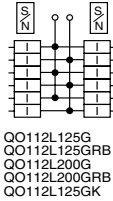
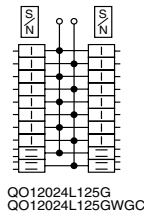
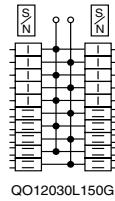
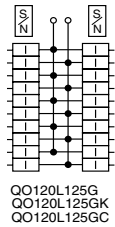
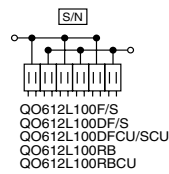
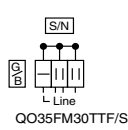
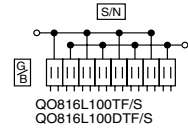
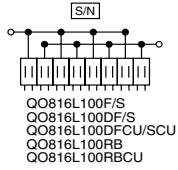
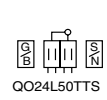
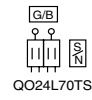
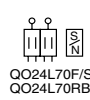
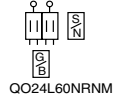
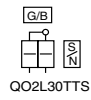
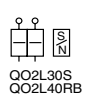
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Made in U.S.A. 15 40265-545-01



QO Circuit Breaker Load Centers—Class 1130 Specifications



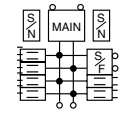
QO Circuit Breaker Load Centers—Class 1130 Wiring Diagrams



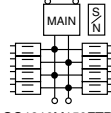
1-Phase, 3-Wire Main Lugs



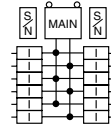
QO Circuit Breaker Load Centers—Class 1130 Wiring Diagrams



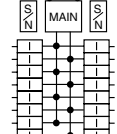
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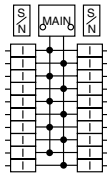
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QO1816M200FTRB



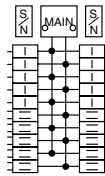
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QO112M100C



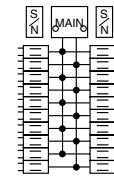
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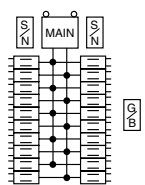
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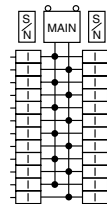
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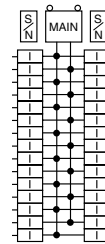
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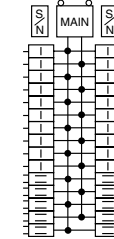
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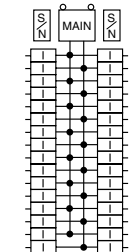
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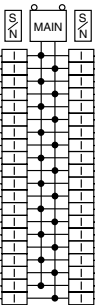
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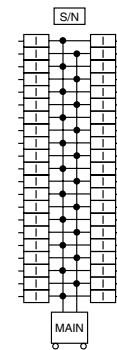
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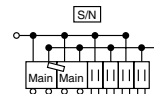
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QON42MS400

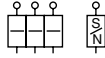


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QO48M60DSGP
QO48M30DFGPW1

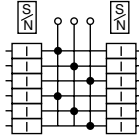
1-Phase, 3-Wire Main Circuit Breakers



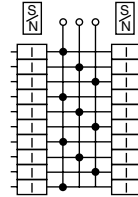
QO Circuit Breaker Load Centers—Class 1130 Wiring Diagrams



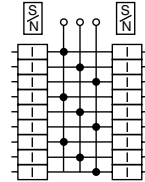
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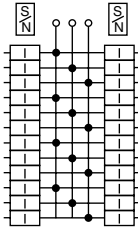
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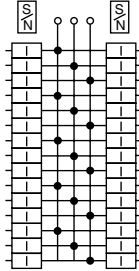
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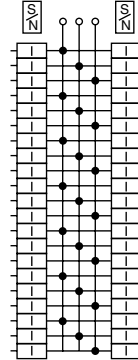
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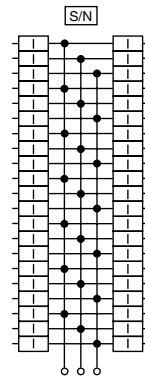
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QO330L200G
QO330L200GRB

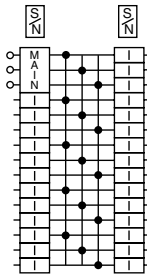


QO342L225G
QO342L225GRB

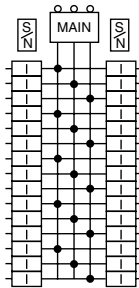


QON442LS400

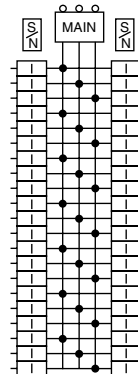
3-Phase, 4-Wire Main Lugs



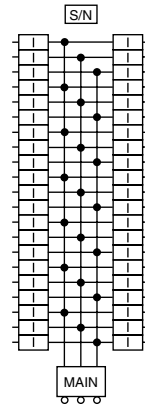
QO327M100
QO327M100RB



QO330M125
QO330M150
QO330M200
QO330M125RB
QO330M150RB
QO330M200RB



QO342M150
QO342M200
QO342M225
QO342M200RB
QO342M225RB

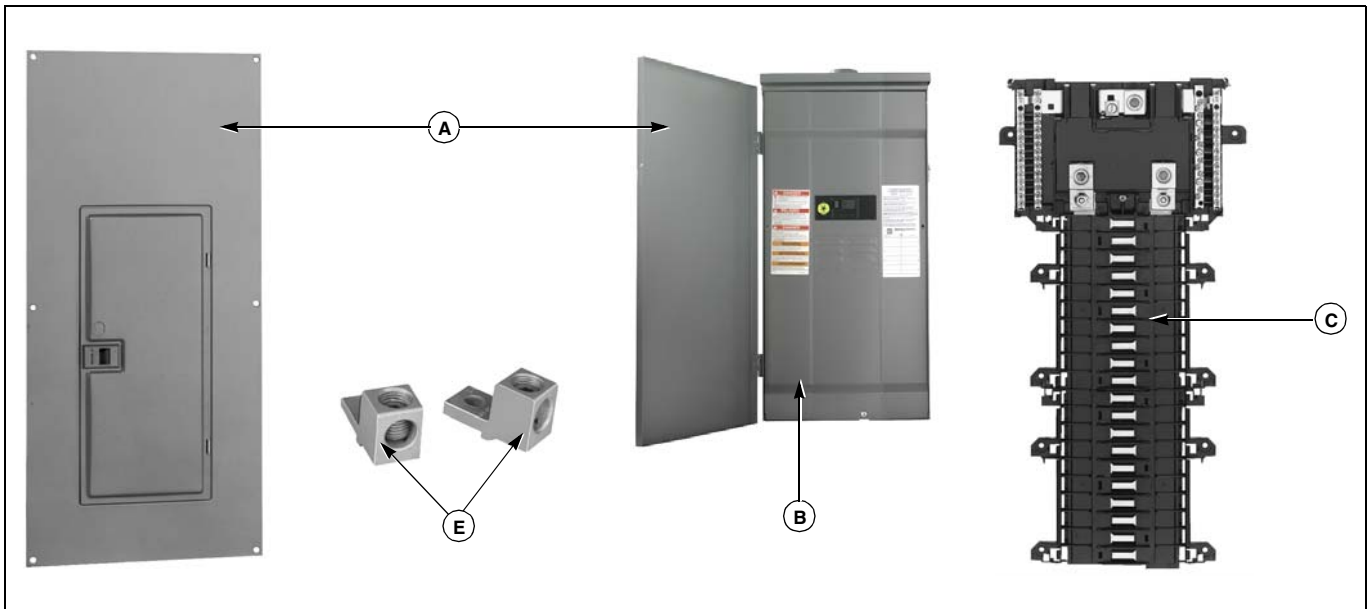


QON442MS300
QON442MS400

3-Phase, 4-Wire Main Circuit Breakers



QO Circuit Breaker Load Centers—Class 1130 Replacement Parts



Single-Phase – Convertible Main Lugs, Series S1 and S2

Illustration Code		A	B	C	D	E	F
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Neutral Bonding Hardware	Main Lugs	Neutral Assembly
QO112L125G	S1	QOC16UF/S	–	QO112L125GI	40283-458-50	QOL125	N/A
QO112L125GK	S1	QOC16UF/S	–	QO112L125GI	40283-458-50	QOL125	N/A
QO112L125GRB	S2	40563-178-50	40563-128-01	QO112L125GRBI	40283-458-50	QOL125	N/A
QO11224L125G	S1	QOC16UF/S	–	QO11224L125GI	40283-458-50	QOL125	N/A
QO11224L125GC	S1	QOC16UF	–	QO11224L125GI	40283-458-50	QOL125	N/A
QO11224L125GRB	S2	40563-178-50	40563-128-01	QO11224L125GRBI	40283-458-50	QOL125	N/A
QO11224L125GWGC	S1	QOC20WGC	–	QO11224L125GI	40283-458-50	QOL125	N/A
QO116L125G	S1	QOC24UF/S	–	QO116L125GI	40283-458-50	QOL125	N/A
QO11624L125G	S1	QOC24UF/S	–	QO11624L125GI	40283-458-50	QOL125	N/A
QO11624L125GRB	S2	40563-177-50	40563-130-01	QO11624L125GRBI	40283-458-50	QOL125	N/A
QO120L125G	S1	QOC24UF/S	–	QO120L125GI	40283-458-50	QOL125	N/A
QO120L125GK	S1	QOC24UF/S	–	QO120L125GI	40283-458-50	QOL125	N/A
QO120L125GC	S1	QOC24UF	–	QO120L125GI	40283-458-50	QOL125	N/A
QO12024L125G	S1	QOC24UF/S	–	QO12024L125GI	40283-458-50	QOL125	N/A
QO12024L125GWGC	S1	QOC20WGC	–	QO12024L125GI	40283-458-50	QOL125	N/A
QO124L125G	S1	QOC24UF/S	–	QO124L125GI	40283-458-50	QOL125	N/A
QO124L125GK	S1	QOC24UF/S	–	QO124L125GI	40283-458-50	QOL125	N/A
QO124L125GRB	S2	40563-177-50	40563-130-01	QO124L125GRBI	40283-458-50	QOL125	N/A
QO12030L150G	S1	QOC30UF/S	–	QO12030L150GI	40283-448-50	QOL225	N/A

Indoor cover mounting screw .75 in. (19 mm): 40205-130-02

Indoor cover door hinge: 40283-564-50

Indoor cover latch:

Latch: 40545-087-01

Latch spring: 40545-413-01

WIREGATOR inserts: 40556-153-01, quantity = 1

Outdoor cover latch: 40563-147-01

Latch rivet: 24102-121-60

RB trim mounting screw .50 in. (13 mm): 40205-130-01

RB door mounting screws: 21422-171-01

Main circuit breaker and main lugs keps nut: 23427-020-01

N/A - not available

Replacement enclosures are not available

WIREGUARD shields: 40559-435-50, quantity = 2



QO Circuit Breaker Load Centers—Class 1130 Replacement Parts

Single-Phase – Convertible Main Lugs, Series S1 and S2, Continued

Illustration Code		A	B	C	D	E	F
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Neutral Bonding Hardware	Main Lugs	Neutral Assembly
QO124L150G	S1	QOC30UF/S	–	QO124L150GI	40283-448-50	QOL225	N/A
QO130L150G	S1	QOC30UF/S	–	QO130L150GI	40283-448-50	QOL225	N/A
QO130L150GRB	S2	40563-175-50	40563-135-01	QO130L150GRBI	40283-448-50	QOL225	N/A
QO112L200G	S1	QOC30UF/S	–	QO112L200GI	40283-448-50	QOL225	N/A
QO112L200GRB	S2	40563-176-50	40563-131-01	QO112L200GRBI	40283-448-50	QOL225	N/A
QO130L200G	S1	QOC30UF/S	–	QO130L200GI	40283-448-50	QOL225	N/A
QO130L200GRB	S2	40563-175-50	40563-135-01	QO130L200GRBI	40283-448-50	QOL225	N/A
QO13040L200G	S1	QOC30UF/S	–	QO13040L200GI	40283-448-50	QOL225	N/A
QO13040L200GK	S1	QOC30UF/S	–	QO13040L200GI	40283-448-50	QOL225	N/A
QO13040L200GC	S1	QOC30UF	–	QO13040L200GI	40283-448-50	QOL225	N/A
QO13040L200GRB	S2	40563-175-50	40563-135-01	QO13040L200GRBI	40283-448-50	QOL225	N/A
QO142L225G	S1	QOC42UF/S	–	QO142L225GI	40283-448-50	QOL225	N/A
QO142L225GK	S1	QOC42UF/S	–	QO142L225GI	40283-448-50	QOL225	N/A
QO142L225GRB	S2	40563-173-50	40563-140-01	QO142L225GRBI	40283-448-50	QOL225	N/A

Indoor cover mounting screw .75 in. (19 mm): 40205-130-02

Indoor cover door hinge: 40283-564-50

Indoor cover latch:

Latch: 40545-087-01

Latch spring: 40545-413-01

WIREGATOR inserts: 40556-153-01, quantify = 1

Outdoor cover latch: 40563-147-01

Latch rivet: 24102-121-60

RB trim mounting screw .50 in. (13 mm): 40205-130-01

RB door mounting screws: 21422-171-01

Main circuit breaker and main lugs keps nut: 23427-020-01

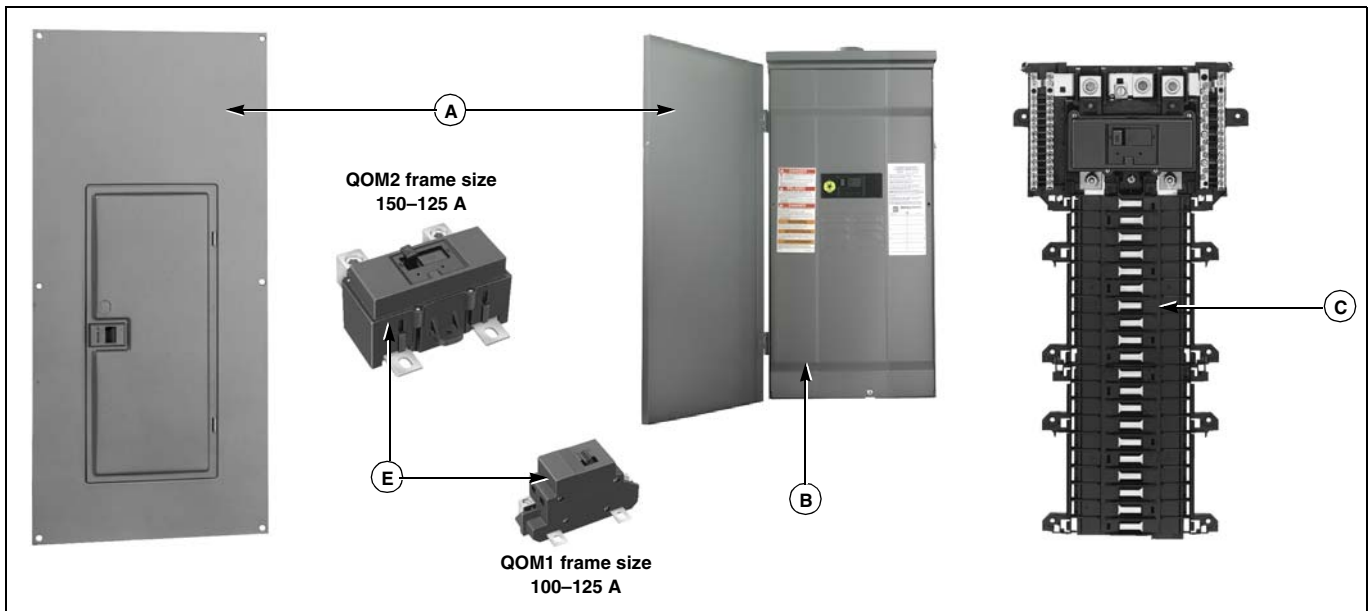
N/A - not available

Replacement enclosures are not available

WIREGUARD shields: 40559-435-50, quantity = 2



QO Circuit Breaker Load Centers—Class 1130 Replacement Parts



Single-Phase – Convertible Main Circuit Breakers, Series S1 and S2

Illustration Code		A	B	C	D	E	F
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Neutral Bonding Hardware	Main Circuit Breaker	Neutral Assembly
QO48M30DSGP	G03	40553-108-50	–	40553-302-50	–	QO230	N/A
QO48M60DSGP	G03	40553-108-50	–	40553-297-50	40205-069-03	QO260	N/A
QO48M30DFGPW1	G03	40553-107-50	–	40553-339-50	–	QO230	N/A
QO112M100	S1	QOC12UF/S	–	QO112M100I	40283-458-50	QOM100VH	N/A
QO112M100K	S1	QOC12UF/S	–	QO112M100I	40283-458-50	QOM100VH	N/A
QO112M100C	S1	QOC12UF/S	–	QO112M100I	40283-458-50	QOM100VH	N/A
QO112M100RB	S2	40563-178-50	40563-128-02	QO112M100RBI	40283-458-50	QOM100VH	N/A
QO11220M100C	S1	QOC12UF	–	QO11220M100I	40283-458-50	QOM100VH	N/A
QO116M100	S1	QOC20U100F/S	–	QO116M100I	40283-458-50	QOM100VH	N/A
QO116M100C	S1	QOC20U100F	–	QO116M100I	40283-458-50	QOM100VH	N/A
QO116M100RB	S2	40563-177-50	40563-130-02	QO116M100RBI	40283-458-50	QOM100VH	N/A
QO120M100	S1	QOC20U100F/S	–	QO120M100I	40283-458-50	QOM100VH	N/A
QO120M100K	S1	QOC20U100F/S	–	QO120M100I	40283-458-50	QOM100VH	N/A
QO120M100C	S1	QOC20U100F	–	QO120M100I	40283-458-50	QOM100VH	N/A
QO120M100RB	S2	40563-177-50	40563-130-02	QO120M100RBI	40283-458-50	QOM100VH	N/A
QO124M100	S1	QOC24UF/S	–	QO124M100I	40283-458-50	QOM100VH	N/A
QO132M100	S1	QOC32UF	–	QO132M100I	40283-458-50	QOM100VH	N/A
QO124M125	S1	QOC24UF/S	–	QO124M125I	40283-458-50	QOM125VH	N/A
QO124M125RB	S2	40563-177-50	40563-130-02	QO124M125RBI	40283-458-50	QOM125VH	N/A
QO12030M150	S1	QOC30UF/S	–	QO12030M150I	40283-448-50	QOM2150VH	N/A
QO12030M150C	S1	QOC30UF	–	QO12030M150I	40283-448-50	QOM2150VH	N/A
QO12030M150RB	S2	40563-176-50	40563-131-02	QO12030M150RBI	40283-448-50	QOM2150VH	N/A
QO124M150	S1	QOC30UF/S	–	QO124M150I	40283-448-50	QOM2150VH	N/A

Indoor cover mounting screw .75 in. (19 mm): 40205-130-02
 Indoor cover door hinge: 40283-564-50
 Indoor cover latch:
 Latch: 40545-087-01
 Latch spring: 40545-413-01
 WIREGATOR inserts: 40556-153-01, quantity = 1

RB trim mounting screw .50 in. (13 mm): 40205-130-01
 RB door mounting screws: 21422-171-01
 Main circuit breaker and main lugs keps nut: 23427-020-01
 N/A - not available
 Replacement enclosures are not available
 WIREGUARD shields: 40559-435-50, quantity = 2
 Outdoor cover latch: 40563-147-01
 Latch rivet: 24102-121-60



QO Circuit Breaker Load Centers—Class 1130 Replacement Parts

Single-Phase – Convertible Main Circuit Breakers, Series S1 and S2, Continued

Illustration Code		A	B	C	D	E	F
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Neutral Bonding Hardware	Main Circuit Breaker	Neutral Assembly
QO130M150	S1	QOC30UF/S	–	QO130M150I	40283-448-50	QOM2150VH	N/A
QO130M150C	S1	QOC30UF	–	QO130M150I	40283-448-50	QOM2150VH	N/A
QO130M150RB	S2	40563-175-50	40563-135-02	QO130M150RBI	40283-448-50	QOM2150VH	N/A
QO132M125	S1	QOC32UF	–	QO132M125I	40283-458-50	QOM125VH	N/A
QO12040M200	S1	QOC30UF/S	–	QO12040M200I	40283-448-50	QOM2200VH	N/A
QO12040M200C	S1	QOC30UF	–	QO12040M200I	40283-448-50	QOM2200VH	N/A
QO12040M200RB	S2	40563-176-50	40563-131-02	QO12040M200RBI	40283-448-50	QOM2200VH	N/A
QO12040M200TC	S1	QOC30UF	–	QO12040M200I	40283-448-50	QOM2200VH	N/A
QO124M200	S1	QOC30UF/S	–	QO124M200I	40283-448-50	QOM2200VH	N/A
QO130M200	S1	QOC30UF/S	–	QO130M200I	40283-448-50	QOM2200VH	N/A
QO130M200K	S1	QOC30UF/S	–	QO130M200I	40283-448-50	QOM2200VH	N/A
QO130M200C	S1	QOC30UF	–	QO130M200I	40283-448-50	QOM2200VH	N/A
QO130M200RB	S2	40563-175-50	40563-135-02	QO130M200RBI	40283-448-50	QOM2200VH	N/A
QO13040M200	S1	QOC30UF/S	–	QO13040M200I	40283-448-50	QOM2200VH	N/A
QO13040M200K	S1	QOC30UF/S	–	QO13040M200I	40283-448-50	QOM2200VH	N/A
QO13040M200C	S1	QOC30UF	–	QO13040M200I	40283-448-50	QOM2200VH	N/A
QO140M200	S1	QOC40UF/S	–	QO140M200I	40283-448-50	QOM2200VH	N/A
QO140M200K	S1	QOC40UF/S	–	QO140M200I	40283-448-50	QOM2200VH	N/A
QO140M200C	S1	QOC40UF	–	QO140M200I	40283-448-50	QOM2200VH	N/A
QO140M200RB	S2	40563-174-50	40563-139-02	QO140M200RBI	40283-448-50	QOM2200VH	N/A
QO140M225	S1	QOC42UF/S	–	QO140M225I	40283-448-50	QOM2225VH	N/A

Indoor cover mounting screw .75 in. (19 mm): 40205-130-02
 Indoor cover door hinge: 40283-564-50
 Indoor cover latch:
 Latch: 40545-087-01
 Latch spring: 40545-413-01
 WIREGATOR inserts: 40556-153-01, quantify = 1

RB trim mounting screw .50 in. (13 mm): 40205-130-01
 RB door mounting screws: 21422-171-01
 Main circuit breaker and main lugs keps nut: 23427-020-01
 N/A - not available
 Replacement enclosures are not available
 WIREGUARD shields: 40559-435-50, quantity = 2
 Outdoor cover latch: 40563-147-01
 Latch rivet: 24102-121-60

Feed-Thru – Main Circuit Breakers, Series S1

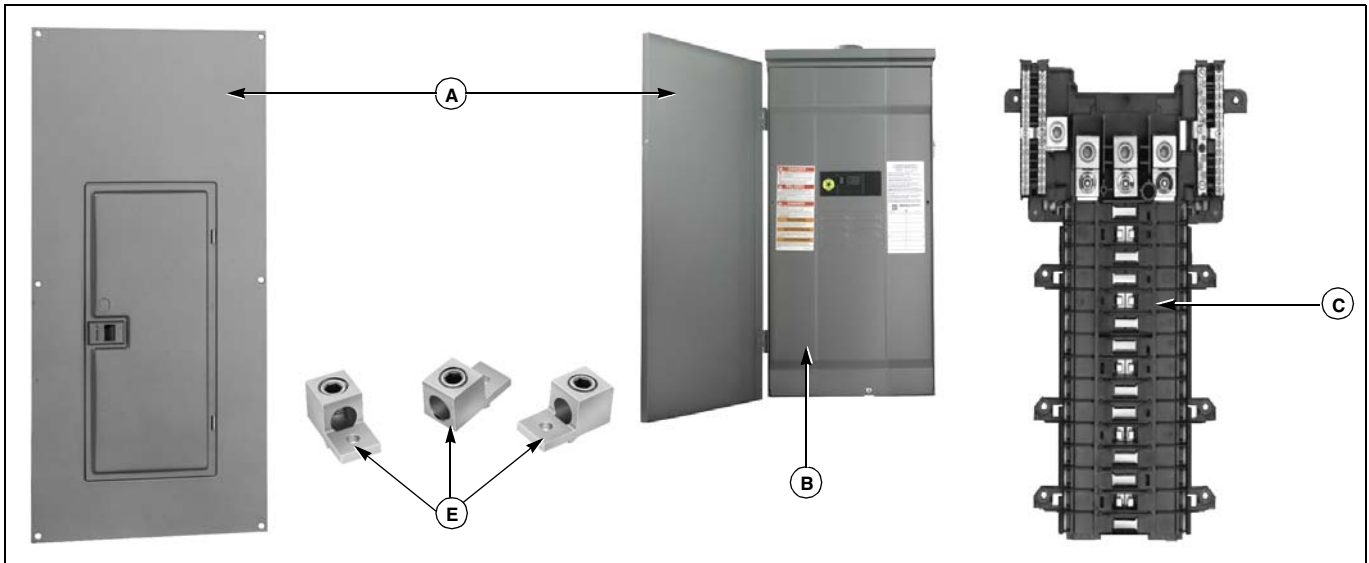
Illustration Code		A	B	C	D	E	F
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Neutral Bonding Hardware	Main Circuit Breaker	Neutral Assembly
QO1612M125FTRB	S2	40563-178-50	40563-129-01	QO1612M125FTRBI	40283-458-50	QOM125VH	N/A
QO1816M150FTRB	S2	40563-175-50	40563-134-01	QO1816M150FTRBI	40283-448-50	QOM2150VH	N/A
QO1816M200FTRB	S2	40563-175-50	40563-134-01	QO1816M200FTRBI	40283-448-50	QOM2200VH	N/A

Indoor cover mounting screw .75 in. (19 mm): 40205-130-02
 Indoor cover door hinge: 40283-564-50
 Indoor cover latch:
 Latch: 40545-087-01
 Latch spring: 40545-413-01
 WIREGATOR inserts: 40556-153-01, quantify = 1

RB trim mounting screw .50 in. (13 mm): 40205-130-01
 RB door mounting screws: 21422-171-01
 Main circuit breaker and main lugs keps nut: 23427-020-01
 N/A - not available
 Replacement enclosures are not available
 WIREGUARD shields: 40559-435-50, quantity = 2
 Outdoor cover latch: 40563-147-01
 Latch rivet: 24102-121-60



QO Circuit Breaker Load Centers—Class 1130 Replacement Parts



Three-Phase – Fixed Main Lugs, Series S1 and S2

Illustration Code		A	B	C	D	E	F
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Neutral Bonding Hardware	Main Lugs	Neutral Assembly
QO312L125G	S1	QOC16UF/S	–	QO312L125I	40283-448-50	QOL3125	N/A
QO312L125GRB	S2	40563-178-50	40563-128-01	QO312L125RBI	40283-448-50	QOL3125	N/A
QO320L125G	S1	QOC24UF/S	–	QO320L125I	40283-448-50	QOL3125	N/A
QO320L125GRB	S2	40563-177-50	40563-130-01	QO320L125RBI	40283-448-50	QOL3125	N/A
QO324L125G	S1	QOC24UF/S	–	QO324L125I	40283-448-50	QOL3125	N/A
QO318L200G	S1	QOC30UF/S	–	QO318L200I	40283-448-50	QOL3225	N/A
QO318L200GRB	S2	40563-175-50	40563-135-01	QO318L200RBI	40283-448-50	QOL3225	N/A
QO330L200G	S1	QOC30UF/S	–	QO330L200I	40283-448-50	QOL3225	N/A
QO330L200GRB	S2	40563-175-50	40563-135-01	QO330L200RBI	40283-448-50	QOL3225	N/A
QO342L225G	S1	QOC42UF/S	–	QO342L225I	40283-448-50	QOL3225	N/A
QO342L225GRB	S2	40563-173-50	40563-140-01	QO342L225RBI	40283-448-50	QOL3225	N/A

Indoor cover mounting screw .75 in. (19 mm): 40205-130-02

Indoor cover door hinge: 40283-564-50

Indoor cover latch:

Latch: 40545-087-01

Latch spring: 40545-413-01

RB trim mounting screw .50 in. (13 mm): 40205-130-01

RB door mounting screws: 21422-171-01

Outdoor cover latch: 40563-147-01

Latch rivet: 24102-121-60

N/A - not available

Replacement enclosures are not available

Interior assembly is provided with main lugs

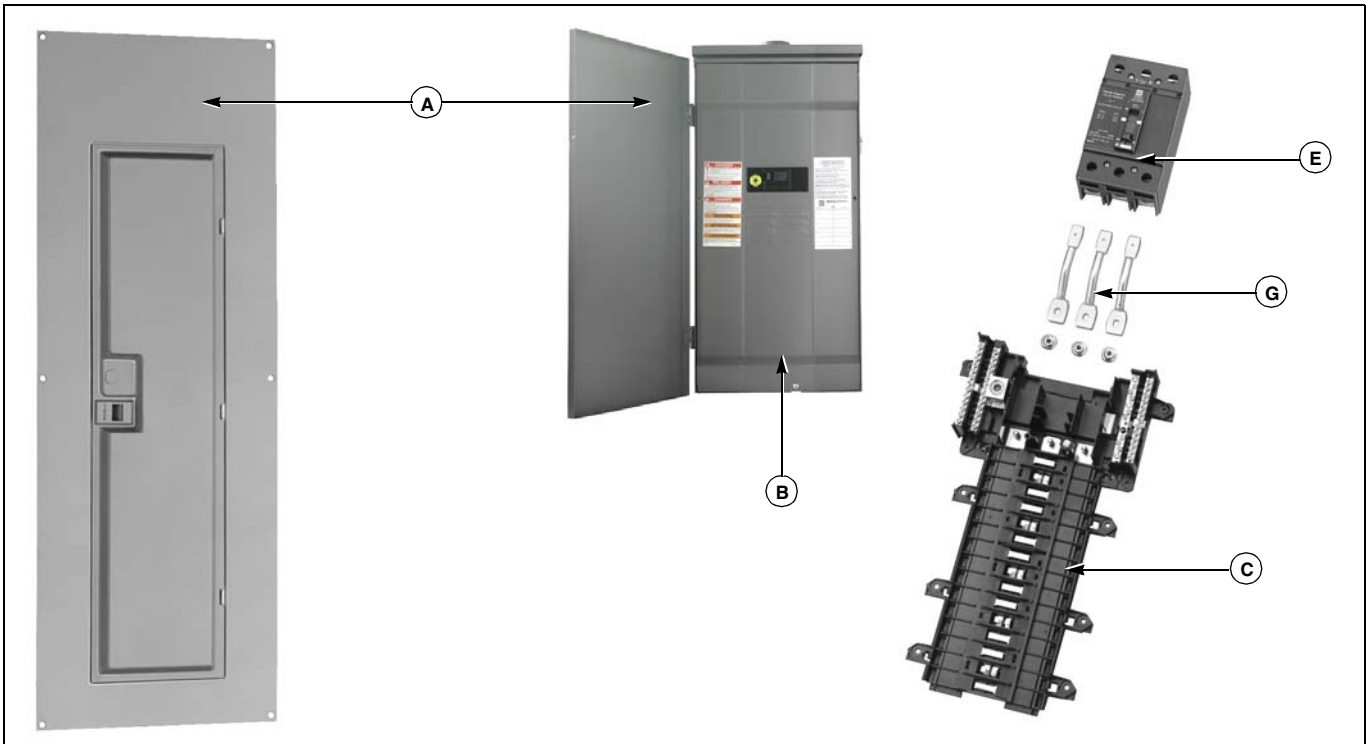
Main lug mounting hardware:

125 A: 23427-020-01

200 and 225 A: 23427-020-00



QO Circuit Breaker Load Centers—Class 1130 Replacement Parts



Three-Phase – Convertible Main Circuit Breakers, Series S1 and S2

Illustration Code		A	B	C	D	E	F	G
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Neutral Bonding Hardware	Main Circuit Breaker	Neutral Assembly	Main Breaker Connecting Strap
QO327M100	S1	QOC30UF/S	–	QO327M100I	40283-448-50	QO3100VH	N/A	–
QO327M100RB	S2	40563-175-50	40563-479-01	QO327M100RBI	40283-448-50	QO3100VH	N/A	–
QO330M125	S1	QOC342MF/S	–	QO330M125I	40283-448-50	KDL32125	N/A	40559-019-01
QO330M125RB	S2	40563-172-50	40563-141-01	QO330M125RBI	40283-448-50	KDL32125	N/A	40559-019-01
QO330M150	S1	QOC342MF/S	–	QO330M150I	40283-448-50	KDL32150	N/A	40559-019-01
QO330M150RB	S2	40563-172-50	40563-141-01	QO330M150RBI	40283-448-50	KDL32150	N/A	40559-019-01
QO342M150	S1	QOC342MF/S	–	QO342M150I	40283-448-50	KDL32150	N/A	40559-019-01
QO330M200	S1	QOC342MF/S	–	QO330M200I	40283-448-50	KDL32200	N/A	40559-019-01
QO330M200RB	S2	40563-172-50	40563-141-01	QO330M200RBI	40283-448-50	KDL32200	N/A	40559-019-01
QO342M200	S1	QOC342MF/S	–	QO342M200I	40283-448-50	KDL32200	N/A	40559-019-01
QO342M200RB	S2	40563-172-50	40563-141-01	QO342M200RBI	40283-448-50	KDL32200	N/A	40559-019-01
QO342M225	S1	QOC342MF/S	–	QO342M225I	40283-448-50	KDL32225	N/A	40559-019-01
QO342M225RB	S2	40563-172-50	40563-141-01	QO342M225RBI	40283-448-50	KDL32225	N/A	40559-019-01

Indoor cover mounting screw .75 in. (19 mm): 40205-130-02

Indoor cover door hinge 40283-564-50

Indoor cover door latch:

Latch 40545-087-01

Latch spring 40545-413-01

Outdoor cover latch: 40563-147-01

Latch rivet: 24102-121-60

RB trim mounting screw .50 in. (13 mm): 40205-130-01

RB door mounting screws 21422-171-01

N/A - not available

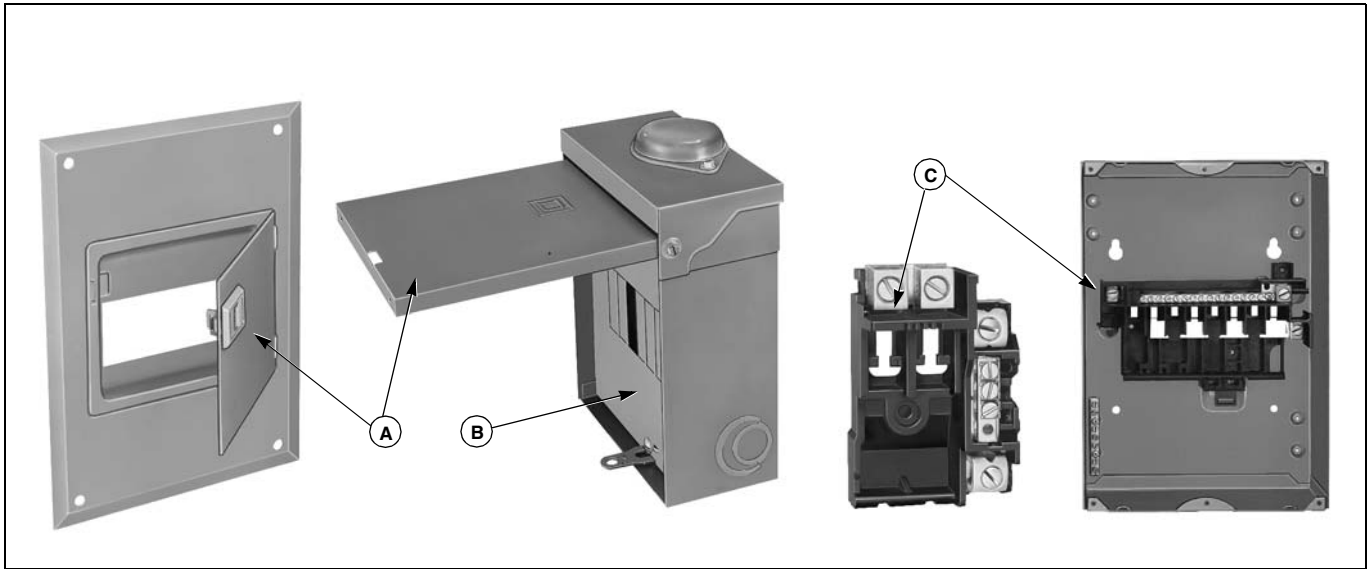
Replacement enclosures are not available

Interior Assembly does not include main circuit breaker

Main circuit breaker connecting strap mounting hardware: 23427-020-01



QO Circuit Breaker Load Centers—Class 1130 Replacement Parts



Single-Phase – Fixed Main Lugs, Series 1, G1, and G3

Illustration Code		A	B	C	D	E	F
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Neutral Bonding Hardware	Main Lugs	Neutral Assembly
QO2L30S	G1	40504-180-01	–	40504-967-50	-	N/A	N/A
QO2L30TTS	G1	40504-180-01	–	40504-959-50	-	N/A	N/A
QO2L40RB	G1	137109	40500-270-01	40504-967-50	40283-371-50	N/A	N/A
QO24L50TTS	G1	40504-977-01	–	40504-960-50	-	N/A	N/A
QO24L70F	G1	40504-978-01	–	40504-171-50	40283-370-50	N/A	N/A
QO24L70RB	G1	137109	40500-270-01	40504-171-50	40283-371-50	N/A	N/A
QO24L70S	G1	40504-977-01	–	40504-171-50	40283-372-50	N/A	N/A
QO24L70TS	G1	40504-977-01	–	40504-171-50	-	N/A	N/A
QO612L100DF	G3	40553-107-50	–	QON6-12L100	40283-141-50	N/A	N/A
QO612L100DFCU	G1	40553-107-50	–	40553-249-50	40283-141-50	N/A	N/A
QO612L100DS	G3	40553-108-50	–	QON6-12L100	40283-297-50	N/A	N/A
QO612L100DSCU	G1	40553-108-50	–	40553-249-50	40283-297-50	N/A	N/A
QO612L100DTF	G3	40553-107-50	–	40553-284-50	40283-141-50	N/A	N/A
QO612L100DTS	G3	40553-108-50	–	40553-284-50	40283-297-50	N/A	N/A
QO612L100F	G3	40553-091-01	–	QON6-12L100	40283-325-50	N/A	N/A
QO612L100RB	G3	40553-103-01	40553-093-01	QON6-12L100	40283-297-50	N/A	N/A
QO612L100RBCU	G1	40553-103-01	40553-093-01	40553-249-50	40283-297-50	N/A	N/A
QO612L100S	G3	40553-090-01	–	QON6-12L100	40283-297-50	N/A	N/A
QO612L100TF	G3	40553-091-01	–	40553-284-50	40283-325-50	N/A	N/A
QO612L100TRB	G3	40553-103-01	40553-093-01	40553-284-50	40283-297-50	N/A	N/A
QO612L100TS	G3	40553-090-01	–	40553-284-50	40283-297-50	N/A	N/A
QO816L100DF	G3	40553-107-50	–	QON8-16L100	40283-141-50	N/A	N/A
QO816L100DFCU	G2	40553-107-50	–	40553-250-50	40283-141-50	N/A	N/A
QO816L100DS	G3	40553-108-50	–	QON8-16L100	40283-297-50	N/A	N/A
QO816L100DSCU	G2	40553-108-50	–	40553-250-50	40283-297-50	N/A	N/A

Indoor cover mounting screw .75 in. (19 mm): 40205-130-02

Indoor cover door hinge: 40283-564-50

Indoor cover latch:

Latch: 40545-087-01

Latch spring: 40545-413-01

RB trim mounting screw .50 in. (13 mm): 40205-130-01

RB door mounting screws: 21422-171-01

Main circuit breaker and main lugs keps nut: 23427-020-01

N/A - not available

Replacement enclosures are not available

Replacement covers do not have labels applied



QO Circuit Breaker Load Centers—Class 1130 Replacement Parts

Single-Phase – Fixed Main Lugs, Series 1, G1, and G3, Continued

Illustration Code		A	B	C	D	E	F
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Neutral Bonding Hardware	Main Lugs	Neutral Assembly
QO816L100DTF	G3	40553-107-50	–	40553-280-50	40283-141-50	N/A	N/A
QO816L100DTS	G3	40553-108-50	–	40553-280-50	40283-297-50	N/A	N/A
QO816L100F	G3	40553-091-01	–	QON8-16L100	40283-325-50	N/A	N/A
QO816L100RB	G3	40553-103-01	40553-093-01	QON8-16L100	40283-297-50	N/A	N/A
QO816L100RBCU	G2	40553-103-01	40553-093-01	40553-250-50	40283-297-50	N/A	N/A
QO816L100S	G3	40553-090-01	–	QON8-16L100	40283-297-50	N/A	N/A
QO816L100TF	G3	40553-091-01	–	40553-280-50	40283-325-50	N/A	N/A
QO816L100TS	G3	40553-090-01	–	40553-280-50	40283-297-50	N/A	N/A
QO148L125GF	G1	40553-320-01	–	40553-329-50	40283-297-50	N/A	N/A
QO148L125GS	G1	40553-319-01	–	40553-329-50	40283-297-50	N/A	N/A
QO148L125GRB	G1	40553-323-01	40553-322-01	40553-329-50	40283-297-50	N/A	N/A
QON12LS400	1	MHC50VF/S	–	QON12LS400	80110-805-50	N/A	N/A
QON30LS400	1	MHC50VF/S	–	QON30LS400	80110-805-50	N/A	N/A
QON42LS400	1	MHC53VF/S	–	QON42LS400	80110-805-50	N/A	N/A

Indoor cover mounting screw .75 in. (19 mm): 40205-130-02

Indoor cover door hinge: 40283-564-50

Indoor cover latch:

Latch: 40545-087-01

Latch spring: 40545-413-01

RB trim mounting screw .50 in. (13 mm): 40205-130-01

RB door mounting screws: 21422-171-01

Main circuit breaker and main lugs keps nut: 23427-020-01

N/A - not available

Replacement enclosures are not available

Replacement covers do not have labels applied



QO, QO2, and QOM2 Enclosed Circuit Breakers—Class 1131

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QO, QO2, and QOM2 Enclosed Circuit Breakers—Class 1131



QO, QO2, and QOM2 Enclosed Circuit Breakers—Class 1131 General Information and Application Data

GENERAL INFORMATION AND APPLICATION DATA



QOM22225NS



QO2100BNS

Type

Enclosed molded-case circuit breakers are UL Listed, File E136861, for enclosures and File E10027 for circuit breakers.

Molded-case circuit breakers meet Federal Specifications W-C-375-B.

Enclosed molded-case switches are UL Listed, File E59921.

Service

120/240 Vac, 1 ϕ 3W
 240 Vac, 1 ϕ 2W
 240 Vac, 1 ϕ 3W
 240/120 Vac, 3 ϕ 4W
 208Y/120 Vac, 3 ϕ 4W

Ratings

Enclosed Molded-Case Circuit Breakers	
QO	10,000 A
QOM2	22,000 A
Q2	UL Listed short circuit current rating equal to the interrupting rating at the supply voltage marked on the circuit breaker installed.



QOM22225NRB



QO2100BNRB

Enclosure

- NEMA Type 1 general purpose
- Welded sheet steel with knockouts at top, bottom, back, and sides
- Finish: gray baked enamel, electrodeposited over cleaned, phosphatized steel
- Padlock provisions for locking circuit breaker handle in ON or OFF position

NEMA Type 3R Rainproof

- Welded, galvanized sheet steel
- Finish: gray baked enamel, electrodeposited over cleaned, phosphatized, galvanized steel
- Provisions to padlock cover closed
- RB devices have provisions for interchangeable bolt-on hubs



QO, QO2, and QOM2 Enclosed Circuit Breakers—Class 1131

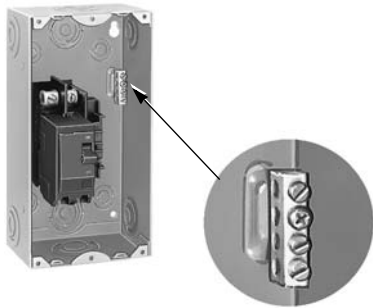
General Information and Application Data



QOM2200VH



Circuit Breakers



Factory Installed equipment ground bar.



PK0GTA2 field installed.



QO Base Assemblies



QOM2 Base



Neutral Assemblies



Hubs

Circuit Breakers

- VISI-TRIP® indication (QO Circuit Breakers)
- Lugs suitable for aluminum or copper wire (refer to catalog sections listed below:)

QO	Class 730
Q2	Class 734
QOM2	Class 736
Molded-case switches	Class 601

Knockouts

- Located in back, side, and bottom of all devices

Equipment Grounding Bar

- Field installable PK0GTA2
- Suitable for #6 AWG–2/0 AWG aluminum or #10 AWG–2/0 AWG copper wire

Neutral Assemblies

- Insulated, groundable (except QO2TR)
- Suitable for aluminum or copper wire
- Grounding terminal provided

Bolt-On Hubs

- Hubs available from .75 in. (19 mm) to 2.50 in. (64 mm) conduit size
- Off-center thread openings keep conduit close to wall
- No gasket required with hubs








QO, QO2, and QOM2 Enclosed Circuit Breakers—Class 1131

Technical Information

TECHNICAL INFORMATION

Enclosed Molded-Case Circuit Breaker Ratings

Service	Rating in Amps	Enclosure		Enclosure No.	Circuit Breaker *			Neutral Assembly Terminal Wire Size AWG/kcmil	
		NEMA Type 1 Catalog Number	NEMA Type 3R Catalog Number		Catalog Number	UL Listed Interrupting Rating in RMS Amps Symmetrical	Terminal Lug Wire Size AWG/kcmil	Neutral Terminals	Grounding Terminals
Enclosed Circuit Breaker Mounting Base									
 240 Vac	60 A ●	—	QO2TR ◆	1R	QO210 to QO260	10,000 AIR	#14–4 Al or Cu ★	—	#14–8 Al or Cu
Enclosed Circuit Breakers									
 120/240 Vac	100 A	QO2100BNF/S ■	QO2100BNRB ■	1, 2R	QO	10,000 AIR	#12–1 Al or #14–1 Cu	#12–1 Al or #14–1 Cu	#12–2 Al or #14–2 Cu
		QO2125BNF/S ■	QO2125BNRB ■	2, 3R	QO	10,000 AIR			
	QO2125BNF/S ■	QO2125BNRB ■	2, 3R	QOVH	22,000 AIR	#12–2/0 Al #14–2/0 Cu	#12–2/0 Al #14–2/0 Cu		
 240 Vac	100–225 A	QOM22225NS ▲	QOM22225NRB ▲	6, 6R	QOM2VH	22,000 AIR	#4–250 kcmil	2-#4–250 kcmil 4-#14–2/0 Al or Cu	2-#2/0 Al/Cu max.
		QO3100BNF/S ■	QO3100BNRB ■	1, 2R	QO	10,000 AIR	#12–1 Al or #14–1 Cu	#12–1 Al or #14–1 Cu	#12–2 Al or #14–2 Cu
 2-pole 240 Vac Max.	100–225 A	Q22200NS † ▼	Q22200NRB † ▼	3, 4R	Q2L Q2L-H Q2LH	10,000 AIR 22,000 AIR 42,000 AIR			
		Q23225NF/S ▼	Q23225NRB ▼	4, 5R			#4–300 Al or Cu		
 3-pole 240 Vac	100–225 A	Q23225NF/S ▼	Q23225NRB ▼	4, 5R	Q2L Q2LH	10,000 AIR 22,000 AIR	#4–300 Al or Cu	#4–300 Al or Cu	

† Accepts 200 A maximum Q2L, Q2LH or Q2L-H circuit breakers.

● Not suitable for service equipment.

◆ Top endwall has no hub opening; back and bottom feed only.

★ Load terminals – use #6 maximum.

▼ Equipment ground kit factory installed.

■ Enclosures will accept QO circuit breakers with factory-installed accessories.

▲ Enclosure will accept QOM2 circuit breaker with factory-installed accessories.

* Order circuit breaker separately.

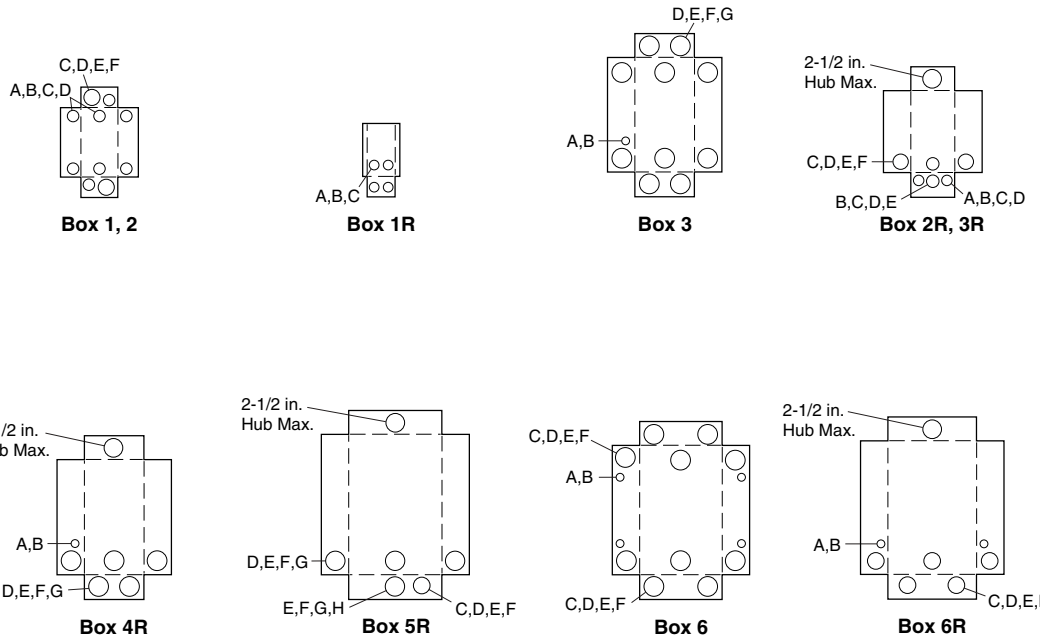


QO, QO2, and QOM2 Enclosed Circuit Breakers—Class 1131

Dimensions and Knockouts

Outdoor Dimensions						
Enclosure No.	W		H		D	
	in.	mm	in.	mm	in.	mm
1	5.88	149	13.12	333	3.38	86
2	5.88	149	16.12	409	3.38	86
1R	4.56	116	6.50	165	3.88	99
2R	6.92	176	13.12	333	4.12	105
3R	6.92	176	16.12	409	4.12	105
3	7.56	192	23.12	587	4.25	108
4	9.62	244	26.12	663	4.75	121
4R	7.56	192	23.24	590	4.75	121
5R	9.62	244	26.24	666	5.50	140
6	8.55	217	23.92	608	3.95	100
6R	8.55	217	24.75	629	4.16	106

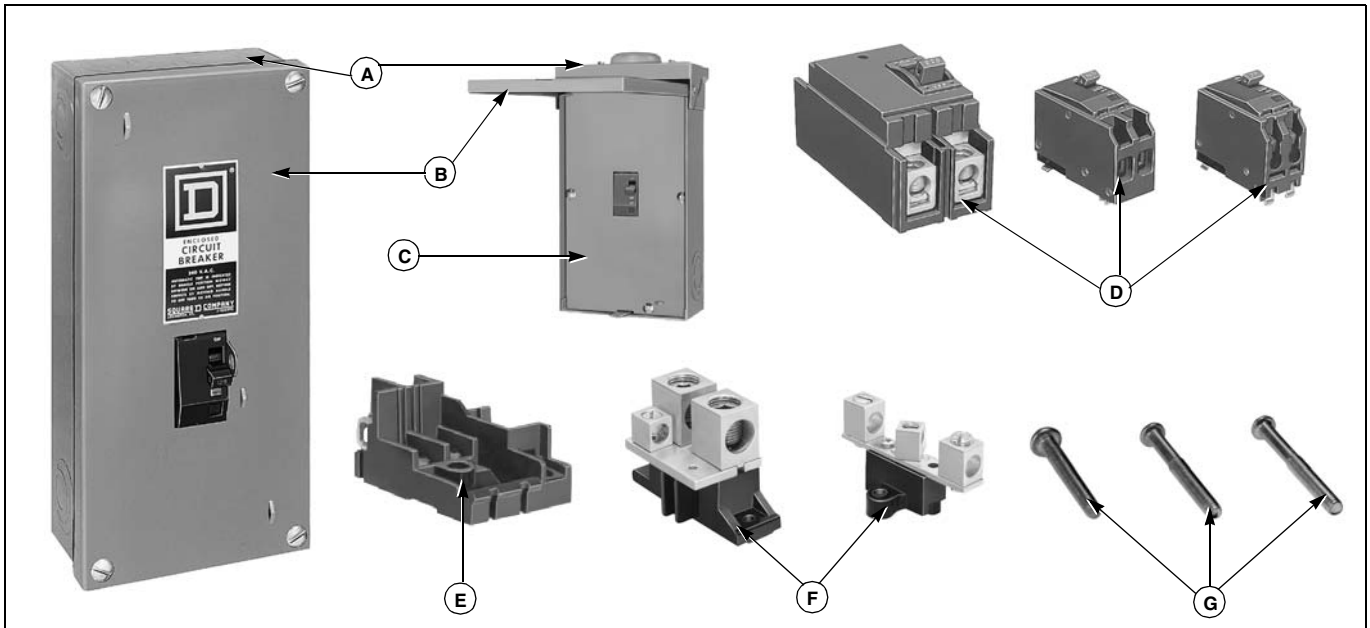
Outdoor Knockouts								
Symbol	A	B	C	D	E	F	G	H
Conduit Size	.50 in. (13 mm)	.75 in. (19 mm)	1.00 in. (25 mm)	1.25 in. (32 mm)	1.50 in. (38 mm)	2.00 in. (51 mm)	2.50 in. (64 mm)	3.00 in. (76 mm)



Outdoor Dimensions and Knockouts



QO, QO2, and QOM2 Enclosed Circuit Breakers—Class 1131 Replacement Parts



Molded-Case – Enclosed Circuit Breakers, Series QO2TR – Q23225NS

Illustration Code *		B	C	D	E	F	G
Catalog Number	Series	Cover or NEMA Type 3R Door ▼	Interior Trim	Circuit Breaker or Molded Switch	Base/Assembly	Neutral Assembly	Neutral Bonding Hardware
QO260NATR	G02	137109	40500-264-01	QO200	40504-436-50 ▲	40230-184-75 ★	–
QO260NATS	E02	40504-997-02	–	QO200	40504-436-50 ▲	40230-171-51 ★	–
QO200TR	G03	40500-238-51 ●	–	QO200	40500-237-01 ✦ 40500-241-01 ② ✦ 40251-054-52 ② ✦ 40205-109-01 ② ✦	40230-184-58 ★	–
QO2TR	G02	40500-238-51 ●	–	✦	40500-237-01 ✦ 40500-241-01 ② ✦ 40251-054-52 ② ✦ 40205-109-01 ② ✦	40230-184-58 ★	–
QO2000NS	E01	40515-719-01	–	QO2000	40515-453-50	■	21490-17342
QO2000NRB	E01	40515-599-01	40515-600-02	QO2000	40515-453-50	■	21490-17342
QO2100BNF	001	40515-720-01	–	✦	40515-571-50	■	21490-17342
QO2100BNS	001	40515-722-01	–	✦	40515-571-50	■	21490-17342
QO2100BNRB	001	40515-599-01	40515-600-02	✦	40515-571-50	■	21490-17342
QO2125BNF	001	40515-721-01	–	✦	40515-571-50	■	21490-17342
QO2125BNS	001	40515-723-01	–	✦	40515-571-50	■	21490-17342
QO2125BNRB	001	40515-598-01	40515-601-01	✦	40515-571-50	■	21490-17342
QO3100BNF	002	40515-720-01	–	✦	40515-620-50	■	21490-17342
QO3100BNS	002	40515-722-01	–	✦	40515-620-50	■	21490-17342
QO3100BNRB	002	40515-599-01	40515-600-01	✦	40515-620-50	■	21490-17342
QOM22225NS	S01	40559-407-01	–	✦	40559-389-50	■	40283-458-50
QOM22225NRB	S01	40559-406-01	–	✦	40559-389-50	■	40283-458-50
Q22200NS	E03	40505-781-02	–	✦	–	40515-201-51	21903-17481
Q22200NRB	E03	40505-770-01	40505-782-01	✦	–	40515-201-51	21903-17481
Q23225NF	E03	40505-784-02	–	✦	–	40515-201-51	21903-17481
Q23225NS	E03	40505-783-02	–	✦	–	40515-201-51	21903-17481
Q23225NRB	E03	40505-779-01	40505-785-01	✦	–	40515-201-51	21903-17481

* Illustration Code A, Enclosure Assembly, is not available (order the complete device)

▼ Replacement covers and NEMA Type 3R doors have no markings (nameplates, wiring diagrams, etc.)

● Part number includes cover, sides and top of enclosure

✦ See Digest

▲ Complete base assembly

② Two required

★ Part number for grounding bar (no neutral)

■ Included in base assembly (order base assembly)

✦ All part numbers required



QO, QO2, and QOM2 Enclosed Circuit Breakers—Class 1131 Replacement Parts

Molded-Case – Enclosed Circuit Breakers, Series QO2TR – Q23225NS, Continued

Catalog Number	Series	Neutral Lug	Neutral Lug Mounting Screw	Neutral Assembly Mounting Screw	Base or Pan Mounting Hardware	Mounting Pan
QO260NATR	G02	–	–	21594-14220	21966-17201	–
QO260NATS	E02	–	–	21594-14220	21966-17201	–
QO200TR	G03	–	–	21594-14163	21594-17081	–
QO2TR	G02	–	–	21594-14163	21594-17081	–
QO2000NS	E01	■	■	■	21966-17201	–
QO2000NRB	E01	■	■	■	21966-17201	–
QO2100BNF	001	■	■	■	21966-17201	–
QO2100BNS	001	■	■	■	21966-17201	–
QO2100BNRB	001	■	■	■	21966-17201	–
QO2125BNF	001	■	■	■	21966-17201	–
QO2125BNS	001	■	■	■	21966-17201	–
QO2125BNRB	001	■	■	■	21966-17201	–
QO3100BNF	002	■	■	■	21966-17201	–
QO3100BNS	002	■	■	■	21966-17201	–
QO3100BNRB	002	■	■	■	21966-17201	–
QOM22225NS	S01	■	■	■	40205-156-02	–
QOM22225NRB	S01	■	■	■	40205-156-02	–
Q22200NS	E03	▲	▲	21903-20160 ②	–	–
Q22200NRB	E03	▲	▲	21903-20160 ②	–	–
Q23225NF	E03	▲	▲	21903-20160 ②	23001-00200 ②	40505-777-03
Q23225NS	E03	▲	▲	21903-20160 ②	–	◆
Q23225NRB	E03	▲	▲	21903-20160 ②	–	◆

NEMA Type 3R Door Hinge Screws: #21427-1716
 Closing Cap: #40230-002-01
 Closing Cap Mounting Screws: #21427-20241 ②
 NEMA Type 1 Cover Mounting Screws:
 .50 in (13 mm) (40205-130-01) surface
 .75 in (19 mm) (40205-130-02) flush
 Interior trim mounting screw – (40205-130-01)

- Included in base assembly (order base assembly)
- ▲ Included in neutral assembly (order neutral assembly)
- ◆ Included in box assembly (order complete device)
- ② Two required
- ❖ All part numbers required



HOMELINE Circuit Breaker Load Centers—Class 1170

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HOMELINE Circuit Breaker Load Centers—Class 1170



HOMELINE Circuit Breaker Load Centers—Class 1170 Product Description



HOMELINE Circuit Breaker Load Center

PRODUCT DESCRIPTION

HOMELINE® circuit breaker load centers from Square D are UL Listed panelboards. They are designed to meet residential, commercial and industrial requirements to protect electrical systems, equipment, and people.

Features

- Single-phase construction
- 30–225 A main lug or main circuit breaker ratings
- 2–42 circuit indoor or outdoor versions
- Combination cover for flush or surface mounting
- Aluminum bus construction on main lug or main circuit breaker panels
- Service entrance equipment capable panels
- Straight-in wiring to help minimize service cable installation
- Convertible mains meet changing job site requirements
- Standard 22/10 k AIR series rating on main circuit breaker panels increases application capability
- Single captive screw interior mounting on indoor panels to ease removal
- Split branch neutral for clutter-free wiring
- Top or bottom feed by rotating convertible mains panels 180 degrees
- Combination slot/square drive neutral, ground, and cover screws for positive drive and improved torque
- Three ground bar mounting locations for ease of wiring
- Automatic flush adjustment cover speeds installation
- Tangential main service knockouts eliminate offsets
- Equipment ground bar included with main lug load centers
- Cover supplied with load center
- Provisions for door lock on convertible mains panel covers
- Two branch circuit breaker twistouts are factory removed for easier installation of circuit breakers
- New side hinge doors on outdoor convertible main panels
- Outdoor panel covers are lockable with padlock
- WIREGATOR™ Qwik-Grip Cable System on selected load centers



HOMELINE Circuit Breaker Load Centers—Class 1170

Product Description

HOM	3040	L	200	—	C	K	DEVICE NAME
							WIREGATOR
							COVER
							C: Combination flush/surface indoor cover
							RB: Rainproof
							SPECIAL CONSTRUCTION
							FT: Feed thru
							GROUND BAR
							T: Factory installed
							Blank: Purchase separately
							AMPS
							MAINS TYPE
							M: Main circuit breaker
							L: Main lugs
							U: Universal mains
							SPACES/CIRCUITS
							BRAND
							HOM: UL Listed

HOM	1	15	—	DEVICE NAME
				Blank: 10,000 AIR
				GFI: Ground fault circuit interruption
				AFI: ARC fault circuit interruption
				AMPS
				NUMBER OF POLES
				BRAND
				HOM: Full size
				HOMT: Tandem

HOMELINE Load Center and Circuit Breaker Catalog Number Descriptions



HOMELINE Circuit Breaker Load Centers—Class 1170

General Information and Application Data

GENERAL INFORMATION AND APPLICATION DATA

Type

Circuit breaker load centers for use on ac systems. They are UL Listed under file E-6294 (panelboards) and meet Federal Specifications W-P-115b NEMA Type 1, Class 2.

Service

120 Vac, 1 ϕ 2W
120/240 Vac, 1 ϕ 3W

Ratings

- Main lugs: 70–225 A
- Main circuit breaker: 50–225 A

UL Listed

- File E-6294 (panelboards)
- Suitable for use as service equipment
- 75 °C wire rating

Class CTL

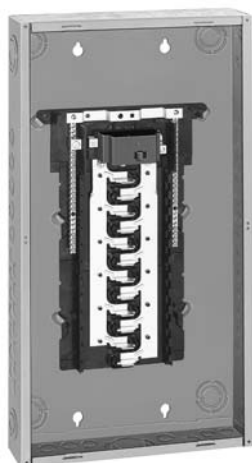
- UL Listed Class CTL load centers
- Meets paragraph 384-15 of the National Electric Code® (NEC®)

Branch Circuit Breakers

10,000 AIR	
HOM	1-pole, 15–50 A
	2-pole, 15–125 A
HOMT	1-pole, 15–30 A
	2-pole, 15–50 A
HOM-GFI	1-pole, 15–20 A
	2-pole, 15, 20, 30, 40, 50 A
HOM-AFI	1-pole, 15–20 A

Main Circuit Breaker Kits

- 50–225 A main circuit breaker kit is 22,000 AIR series rated with 10,000 AIR branch circuit breakers
- Refer to “Main Circuit Breaker Kits” on page 12 for listing



HOM24M125C



HOM 1-Pole
1 space required.



HOM 2-Pole
2 spaces required.



HOMT 1-Pole
Tandem
1 space required.



HOMT Quad
Circuit Breaker
2 spaces required.



HOM 1-Pole GFI
with ground fault
circuit interrupter;
1 space required.



HOM 2-Pole GFI
with ground fault
circuit interrupter;
2 spaces required.



HOM AFI
1 space required.



QOM2 Frame Size
100–225 A



QOM1 Frame Size
50–125 A



HOMELINE Circuit Breaker Load Centers—Class 1170

General Information and Application Data



HOM40M200C Without A Cover



New RB Device



Bolt-On Hubs

Indoor Enclosures (NEMA Type 1)

- Welded sheet steel with knockouts at top, bottom, back, and sides
- Finish: gray baked enamel electrodeposited over cleaned, phosphatized steel
- Most indoor enclosures are 14.25 in (362 mm) wide (see “Dimensions and Knockouts” on page 67)
- Top or bottom feed by rotating enclosure
- WIREGATOR for easy branch wiring on select load centers

Indoor Covers

- Doors to cover circuit breaker handles, except on 2–4, 4–8, and 6–12 circuit models
- Combination flush and surface cover with latch opening door included with load centers
- Automatic flush adjustment is standard.
- Triple lead cover screws for fast cover installation
- Shutter type twistouts
- HOMFP snap-in type filler plates available for all covers
- QOM1FP filler plates available for 100–125 A convertible load center covers
- QOM2FP filler plates available for 150–225 A convertible load center covers

Rainproof Enclosures (NEMA Type 3R)

- Complete enclosure includes interior trim and door
- Welded galvanized steel
- Finish: gray baked enamel electrodeposited over cleaned, phosphatized, galvanized steel
- RB devices have provisions for interchangeable bolt-on hub
- Top centered rainproof mounting boss on the back of the enclosure simplifies installation and saves time
- Stainless steel door latch on the enclosure provides a secure closure and maximum durability
- Convertible main panels are side-hinge door devices
- Side-hinged door provides full wiring access without door removal
- Allow 1.25 in. (32 mm) on the left side for the door to open

Bolt-On Hubs

- Hubs available for .75 in. (19 mm) to 4 in. (102 mm) conduit size
- No gasket required with hubs from .75 in. (19 mm) to 2.50 in. (64 mm) when used on RB type load centers



HOMELINE Circuit Breaker Load Centers—Class 1170

General Information and Application Data



HOM612L100F

Single-Phase, 2–12 Circuits, 70–125 A, Fixed Mains

UL Listed

- File E-6294
- Suitable for use as service equipment
- 75 °C wire rating (see “Technical Information” on pages 64–66)

Short Circuit Current Rating

Main lugs: up to 10,000 AIR (see “Technical Information” on pages 64–66)

Interior

Tin plated aluminum bus

Mains

- Factory-installed fixed main lugs
- Top mains positioning only
- Top or bottom feed (see “Technical Information” on pages 64–66)
- A backfed main circuit breaker can be field installed in a 6–12 load center using the HOM1RK retaining kit.

Cover

Combination flush and surface cover



Flush Cover

Single-Phase, 12–42 Circuits, 100–225 A, Convertible Mains

UL Listed

- File E-6294
- Suitable for use as service equipment
- 75 °C wire rating (see “Technical Information” on pages 64–66)

Short Circuit Current Rating

- Main lugs: up to 10,000 AIR
- Main circuit breaker: 22,000 AIR standard (see “Technical Information” on pages 64–66)

Interior

- Tin plated aluminum bus
- Removable interior with single, captive mounting screw
- Split branch neutral with up to 50% more terminations than required
- Multiple mounting locations for equipment ground bar kits: left, right, bottom

Mains



Combination Cover with Door

Factory-Installed Main Lugs Convertible to Main Circuit Breaker		Factory-Installed Main Circuit Breaker Convertible to Main Lugs		
Load Center Amperage	Main Circuit Breaker Kit Amperage	Main Circuit Breaker Amperage	Main Lug Kit Amperage	Load Center Amperage
125	50 - 125	100	125	100
150	100 - 150	125	125	125
200	100 - 200	150	225	150
225	100 - 225	200	225	200
–	–	225	225	225

Top or bottom mains positioning, by rotating the complete indoor load center 180 degrees.
(see “Technical Information” on pages 64–66)



HOMELINE Circuit Breaker Load Centers—Class 1170

General Information and Application Data



HOM816M200FTRB



HOM816U200FTRB



HOM3040U200TC

Single-Phase, 12–42 Circuit, 100–225 A, Convertible Mains, Continued

Cover

- Combination flush and surface cover included with load centers
- Optional door lock kit for indoor load centers
- Positive action, easy open door latch

Main Circuit Breaker with Feed-Thru Lugs

- Rainproof only, side hinged
- 150 and 200 A mains rating
- Space for up to 8 single-pole circuit breakers
- Factory-installed main circuit breaker
- Factory-installed feed-thru lugs

Universal Mains Load Centers, Studs Only

- No factory-installed main circuit breaker or main lugs
- 200 A mains rating
- Indicated by a “U” in the catalog number
- Purchase main lug kit or main circuit breaker kit and field install
- Combination flush/surface cover included with indoor load center
- Factory-installed ground bar kit

Universal Mains Load Center with Feed-Thru Lugs

- No factory-installed main circuit breaker or main lugs
- 200 A mains rating
- Feed-thru lugs are factory-installed
- Rainproof only, side hinged
- Space for up to 8 single-pole circuit breakers
- Purchase main lug kit or main circuit breaker kit and field install

Main Circuit Breaker Mobile Home Load Centers

- Covers included with load centers
- Factory-installed grounding bar, indicated by a “T” in the catalog number
- Top or bottom feed on incoming service by rotating the complete load center 180 degrees



HOMELINE Circuit Breaker Load Centers—Class 1170 General Information and Application Data



HOM40M200CK

WIREGATOR™ Qwik-Grip Cable System

- Factory-installed system on selected load centers
- Eases branch wire installation
- Wire sizes from 10/3–14/2 AWG
- Quickly secures branch wires and eliminates need for connector clamps
- Available on 5 main circuit breaker and 5 main lug load centers
- Accepts 28 branch circuits per load center
- Can be positioned on the left and right side of top endwall
- WIREGUARD™ shield included with load center
- Field replaceable system
- Knockouts also provided for larger wire sizes



RB Hub

Bolt-On Hubs

Equipment with an “RB” suffix, meaning Rainproof NEMA Type 3R construction, uses bolt-on hubs listed below. “RB” devices will accept .75 in. (19 mm) through 2.5 in. (64 mm) bolt-on hubs without the use of reducers.

Off-center conduit thread openings and elongated mounting holes provide quick and easy adjustment to eliminate costly conduit offsets and bends. Hubs are suitable for use with conduit having ANSI standard taper pipe thread.

UL Listed Bolt-On Hubs for RB Devices

Conduit Size	.75 in. (19 mm)	1.00 in. (25 mm)	1.25 in. (32 mm)	1.50 in. (38 mm)	2.00 in. (51 mm)	2.50 in. (64 mm)
Hub Cat. No.	B075	B100	B125	B150	B200	B250

NOTE: Closing cap (catalog number B-CAP) is provided factory installed on each device having the RB suffix.



BC200 Enclosure Coupling

UL Listed Enclosure Coupling for RB Devices

Cat. No.	Designed for connecting wireway or other enclosures to units having RB bolt-on conduit provisions. Provides a bushed opening equal to 2 in. conduit. Eliminates the need for conduit nipping.
BC200	

SURGEBREAKER™ Secondary Surge Arrester

- HOM2175SB UL Listed secondary surge arrester
- Easy plug-on installation for HOMELINE load center
- LED indicates operational status
- Plug-on design requires two pole spaces
- Designed to protect electrical service and “major household appliances” excluding electronic devices



**HOM
SURGEBREAKER™
Surge Arrester
2 spaces required.**



HOMELINE Circuit Breaker Load Centers—Class 1170

General Information and Application Data



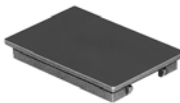
PK15GTA



LK100AN



HOMFP



QOM1FP



QOM2FP



PK6FL



QOL125



QOL225

Accessories

Grounding Bar Kits

- Field installable in all load centers
- Wire size of terminals (see “Technical Information” on page 63)
- Suitable for copper or aluminum wire
- Available with #1–4/0 AWG lug PK15GTA-L, PK18GTA-L, and PK23GTA-L (see “Technical Information” on page 63)

Auxiliary Neutral Lugs

- UL Listed for copper or aluminum wire
- Field installable on neutral assembly
 - LK70AN: #12–2 Al or #14–4 Cu AWG
 - LK100AN: #6–2/0 Al/Cu AWG
 - LK125AN: #14–2/0 Al/Cu AWG

Cover Filler Plates

- Fast to install; snap-in type
- HOMFP branch circuit
- QOM1FP 50–125 A main circuit breaker
- QOM2FP 150–225 A main circuit breaker

Back-Fed Main Circuit Breaker Retaining Kits

- HOM1RK: secures circuit breaker to interior when used as back-fed main for HOM612L100F/S and RB load centers
- HOM4RK2LA: mounts on the right side of HOM 100–125 A convertible main load centers, series S01 and S02 (retains one 2-pole HOM breaker)
- HOM4RK2HA: mounts on the right side of HOM 150–225 A convertible main load centers, series S01 and S02 (retains one 2-pole HOM breaker)

Flush Lock Kits

- Available for indoor load centers
- Two keys provided with each lock kit
- PK6FL for single-phase convertible 8–42 circuit load centers

Main Lugs Kits

- Field installable in main circuit breaker or main lugs load centers
- 125 A kit usable in 100–125 A load centers, QOL125
- 225 A kit usable in 150–225 A load centers, QOL225

Main Circuit Breaker Kits

- Field installable in main lugs or main circuit breaker load centers
- 50–225 A main circuit breaker kit with 22,000 AIR usable with 10,000 AIR branch circuit breakers

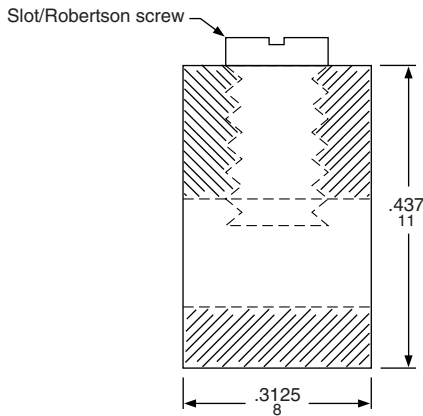


HOMELINE Circuit Breaker Load Centers—Class 1170 Technical Information

TECHNICAL INFORMATION

Grounding Bar Kits

All PK equipment grounding kits are supplied with mounting screws, necessary installation instructions, and an “Equipment Grounding Terminal” self-adhesive label.



Cross Section of Size 1 Ground Bar

Catalog Number	Total Qty.	Terminals						Approximate Overall Length		Distance Between Mounting Holes		Mounting
		Quantity Each Size See “Wire Range Table” below.										
		I	II	III	IV	V	VI	in.	mm	in.	mm	
PK0GTA2 ◆	2						2	1.75	44	One hole	One hole	Top
PK0GTA6 ■	6					6		4.61	117	1.69	43	Top
PK3GTA1 +	3	3						1.38	35	One hole	One hole	Top
PK4GTA +	4	4						1.63	41	One hole	One hole	Top
PK5GTA ▼	5	5						2.25	57	1.25	32	Top
PK7GTA +	7	7						2.88	73	1.25	32	Top or side
PK9GTA1 +	9	9						3.25	83	One hole	One hole	Top
PK9GTA +	9	9						3.78	96	3.13	80	Top
PK12GTA +	12	12						4.70	119	3.13	80	Top
PK15GTA +	15	15						5.63	143	3.13	80	Top
PK15GTAL ★	16	15	1					8.13	207	3.13	80	Top
PK15GTA6 ◆	21	15			6			5.88	149	▲	▲	Top
PK18GTA +	18	18						6.56	167	3.13	80	Top
PK18GTAL ★	19	18	1					8.81	224	3.13	80	Top
PK23GTA +	23	23						8.11	206	3.13	80	Top
PK23GTAL ★	24	23	1					9.44	240	3.13	80	Top
PK27GTA ● +	27 or 26	27 26		1				9.36	238	3.13	80	Top

- PK27GTA includes one main grounding lug that mounts with two terminal screws and requires three terminals for mounting.
- ▲ 3.13 in. (80 mm) on small terminals; 5.25 in. (133 mm) on large terminals.
- ◆ Mounting screw 40205-065-01 (one required).
- + Mounting screw 21594-14220 (two required).
- ★ Mounting screw 21594-14302 (two required).
- Mounting screw 21922-18360 (two required).
- ▼ Mounting screw 21594-14241 (two required).
- ◆ Mounting screws 21594-14241 (two required) and 21594-17121 (two required).

Wire Range Table

Size	Cu (AWG)	Al (AWG)
I	(1) #14–#4 or (2) #14 or #12	(1) #12–#4 or (2) #12 or #10
II	(1) #1–4/0	(1) #1–4/0
III	(1) #6–2/0	(1) #6–2/0
IV	(1) #6–3/0	(1) #6–3/0
V	(1) #14–1/0	(1) #14–1/0
VI	(1) #10–2/0	(1) #6–2/0



HOMELINE Circuit Breaker Load Centers—Class 1170

Technical Information

Main Lugs and Main Circuit Breakers Ratings

Single-Phase, Three-Wire, 120/240 Vac Main Lugs – Indoor

Mains Rating in Amps	Load Center Catalog Number	Load Center Cover Catalog Number	UL Listed Service Equipment (See Notes)	Maximum UL Short Circuit Rating ▲	Main Wire Size AWG/kcmil Al/Cu	Enclosure No.	Top or Bottom Mains Position	UL Listed for Corner Grounded Delta Systems
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Fixed Mains – Factory-Installed Main Lugs

70	HOM24L70F/S	Included	B	10,000 A	#12-3 #14-4	2	Top	No
100	HOM6-2L100F/S	Included	B, C	10,000 A	#8-1	4	Top	No
125	HOM48L125GC	Included	B, C	10,000 A	#4-2/0	21	Top	No

Convertible Mains – Factory-Installed Main Lugs

QOM1 Main Frame Size – Convertible to 22,000 AIR Main Circuit Breaker

125	HOM816L125C	Included	B, C	10,000 A	#4-2/0	6	Both	Yes
	HOM816L125TC	Included	B, C	10,000 A	#4-2/0	6	Both	
	HOM12L125C	Included	B, C	10,000 A	#4-2/0	6	Both	
	HOM1224L125TC	Included	B, C	10,000 A	#4-2/0	6	Both	
	HOM1624L125C	Included	B	10,000 A	#4-2/0	8	Both	
	HOM20L125C	Included	B	10,000 A	#4-2/0	8	Both	
	HOM20-24L125TC	Included	B	10,000 A	#4-2/0	8	Both	
	HOM24L125TC	Included	B	10,000 A	#4-2/0	8	Both	
	HOM20L125CK	Included	B	10,000 A	#4-2/0	8K	Both	
HOM2024L125TCK	Included	B	10,000 A	#4-2/0	8K	Both		

Convertible Mains – Factory-Installed Main Lugs

QOM2 Main Frame Size – Convertible to 22,000 AIR Main Circuit Breaker

150	HOM30L150C	Included	B	10,000 A	#4-250	10	Both	Yes
	HOM1632L200TC	Included	B	10,000 A	#4-250	9	Both	
200	HOM30L200C	Included	B	10,000 A	#4-250	10	Both	
	HOM30-40L200TC	Included	B	10,000 A	#4-250	10	Both	
	HOM40L200C	Included	B	10,000 A	#4-250	12	Both	
	HOM40L200CK	Included	B	10,000 A	#4-250	12K	Both	
	HOM3040L200TCK	Included	B	10,000 A	#4-250	10K	Both	
	HOM30L200TCK	Included	B	10,000 A	#4-250	10K	Both	

▲ UL short circuit rating with optional QOM-VH main circuit breaker, 22,000 AIR.

B UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with field-installed service disconnect.

C UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) when not more than six service disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard.

K WIREGATOR Qwik-Grip Cable System.



HOMELINE Circuit Breaker Load Centers—Class 1170

Technical Information

Single-Phase, Three-Wire, 120/240 Vac Main Circuit Breaker – Indoor

Mains Rating in Amps	Load Center Catalog Number	Load Center Cover Catalog Number	UL Listed Service Equipment (See Notes)	Maximum UL Short Circuit Rating ▲	Main Wire Size AWG/kcmil Al/Cu	Enclosure No.	Top or Bottom Mains Position	UL Listed for Corner Grounded Delta Systems
Convertible Mains – Factory-Installed Main Circuit Breaker								
QOM1 Main Frame Size – Convertible to Main Lugs								
100	HOM816M100C	Included	A, D	22,000 A	#4–1	5	Both	Yes
	HOM816M100TC	Included	A, D	22,000 A	#4–1	5	Both	
	HOM12M100C	Included	A, D	22,000 A	#4–2/0	6	Both	
	HOM1224M100TC	Included	A, D	22,000 A	#4–2/0	6	Both	
	HOM20M100C	Included	A	22,000 A	#4–2/0	8	Both	
	HOM20M100CK	Included	A	22,000 A	#4–2/0	8K	Both	
	HOM1224M100TCK	Included	A	22,000 A	#4–2/0	6K	Both	
125	HOM24M100C	Included	A	22,000 A	#4–2/0	8	Both	Yes
	HOM1224M125C	Included	A, D	22,000 A	#4–2/0	6	Both	
	HOM1224M125TC	Included	A, D	22,000 A	#4–2/0	6	Both	
125	HOM24M125C	Included	A	22,000 A	#4–2/0	8	Both	Yes
	HOM1224M125C	Included	A, D	22,000 A	#4–2/0	6	Both	
	HOM24M125C	Included	A	22,000 A	#4–2/0	8	Both	
Convertible Mains – Factory-Installed Main Circuit Breaker								
QOM2 Main Frame Size – Convertible to Main Lugs								
150	HOM1632M150TC	Included	A	22,000 A	#4–250	9	Both	Yes
	HOM2030M150TC	Included	A	22,000 A	#4–250	9	Both	
	HOM30M150C	Included	A	22,000 A	#4–250	10	Both	
200	HOM1224M200TC	Included	A, D	22,000 A	#4–250	9	Both	Yes
	HOM1632M200TC	Included	A	22,000 A	#4–250	9	Both	
	HOM2040M200C	Included	A	22,000 A	#4–250	9	Both	
	HOM2040M200TC	Included	A	22,000 A	#4–250	9	Both	
	HOM30M200C	Included	A	22,000 A	#4–250	10	Both	
	HOM3040M200TC	Included	A	22,000 A	#4–250	10	Both	
	HOM40M200CK	Included	A	22,000 A	#4–250	12K	Both	
	HOM3040M200TCK	Included	A	22,000 A	#4–250	10K	Both	
	HOM2040M200TCK	Included	A	22,000 A	#4–250	9K	Both	
225	HOM40M200C	Included	A	22,000 A	#4–250	12	Both	Yes
	HOM42M225C	Included	A	22,000 A	#4–250	12	Both	
Universal Mains – No Factory-Installed Main Circuit Breaker or Main Lugs								
QOM2 Main Frame Size – Field-Installed Main Lugs or 22,000 AIR Main Circuit Breaker								
200	HOM1632U200TC	Included	B	10,000 A	#4–250	9	Both	Yes
	HOM2040U200TC	Included	B	10,000 A	#4–250	9	Both	
	HOM3040U200TC	Included	B	10,000 A	#4–250	10	Both	

▲ UL short circuit rating with optional QOM-VH main circuit breaker, 22,000 AIR.
A UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with a factory-installed service disconnect.
B UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with field-installed service disconnect.
C UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with field-installed main lugs when not more than six disconnecting means are provided and when not used as lighting and appliance branch circuit panelboard.
K WIREGATOR Qwik-Grip Cable System.



HOMELINE Circuit Breaker Load Centers—Class 1170

Technical Information

Single-Phase, Three-Wire, 120/240 Vac Main Lugs – Rainproof

Mains Rating in Amps	Load Center Catalog Number	Load Center Cover Catalog Number	UL Listed Service Equipment (See Notes)	Maximum UL Short Circuit Rating ▲	Main Wire Size AWG/kcmil Al/Cu	Enclosure No.	Top or Bottom Mains Position	UL Listed for Corner Grounded Delta Systems
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Fixed Mains – Factory-Installed Main Lugs

70	HOM24L70RB	Included	B	10,000 A	#12–3 Al #14–4 Cu	1R	Top	No
100	HOM612L100RB	Included	B, C	10,000 A	#8–1	2R	Top	No
125	HOM48L125GRB	Included	B, C	10,000 A	#4–2/0	16R	Top	No

Convertible Mains – Factory-Installed Main Lugs

QOM1 Main Frame Size – Convertible to 22,000 AIR Main Circuit Breaker

125	HOM816L125RB	Included	B, C	10,000 A	#4–2/0	3R	Top	Yes
	HOM12L125RB	Included	B, C	10,000 A	#4–2/0	3R	Top	
	HOM20L125RB	Included	B	10,000 A	#4–2/0	4R	Top	

Convertible Mains – Factory-Installed Main Lugs

QOM2 Main Frame Size – Convertible to 22,000 AIR Main Circuit Breaker

200	HOM12L200RB	Included	B, C	10,000 A	#4–250	5R	Top	Yes
	HOM30L200RB	Included	B	10,000 A	#4–250	7R	Top	
	HOM40L200RB	Included	B, C	10,000 A	#4–250	8R	Top	

Single-Phase Three Wire 120/240 Vac Main Breaker – Rainproof

Convertible Mains – Factory-Installed Main Circuit Breaker

QOM1 Main Frame Size – Convertible to Main Lugs or Lower Amperage Main Circuit Breaker

100	HOM816M100RB	Included	A, D	22,000 A	#4–2/0	3R	Top	No
	HOM12M100RB	Included	A, D	22,000 A	#4–2/0	3R	Top	
	HOM20M100RB	Included	A	22,000 A	#4–2/0	4R	Top	
125	HOM24M125RB	Included	A	22,000 A	#4–2/0	6R	Top	No

Convertible Mains – Factory-Installed Main Circuit Breaker

QOM2 Main Frame Size – Convertible to Main Lugs or Lower Amperage Main Circuit Breaker

150	HOM30M150RB	Included	A	22,000 A	#4–250	7R	Top	No
200	HOM2040M200RB	Included	A	22,000 A	#4–250	6R	Top	No
	HOM30M200RB	Included	A	22,000 A	#4–250	7R	Top	
	HOM3040M200RB	Included	A	22,000 A	#4–250	7R	Top	
	HOM40M200RB	Included	A	22,000 A	#4–250	8R	Top	

Main Circuit Breaker with Feed-Thru Lugs

150	HOM816M150FTRB	Included	A	22,000 A	#4–250	6R	Top	No
200	HOM816M200FTRB	Included	A	22,000 A	#4–250	6R	Top	No

Universal Main Circuit Breaker with Feed-Thru Lugs

200	HOM816U200FTRB	Included	B	22,000 A	#4–250	6R	Top	No
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▲ UL short circuit rating with optional QOM-VH main circuit breaker, 22,000 AIR.

A UL Listed as suitable for use as service equipment (neutral bonded at time of installation) with factory-installed service disconnect.

B UL Listed as suitable for use as service equipment (neutral bonded at time of installation) with field-installed service disconnect.

C UL Listed as suitable for use as service equipment (neutral bonded at time of installation) when not more than six service disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See NEC Sec. 384-14.

D UL Listed as suitable for use as service equipment (neutral bonded at the time of installation) with field-installed main lugs when not more than six service disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See NEC Sec. 384-14.



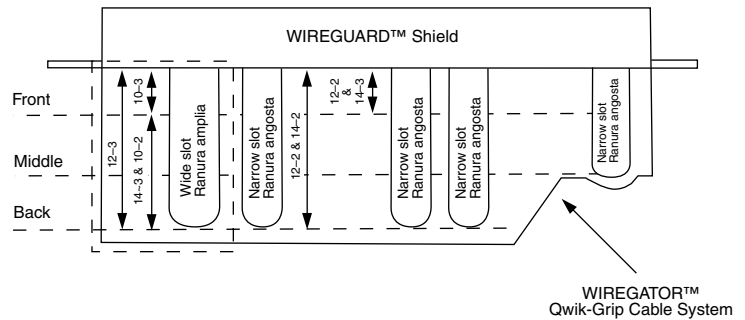
HOMELINE Circuit Breaker Load Centers—Class 1170

Dimensions and Knockouts

WIREGATOR Qwik-Grip Cable System

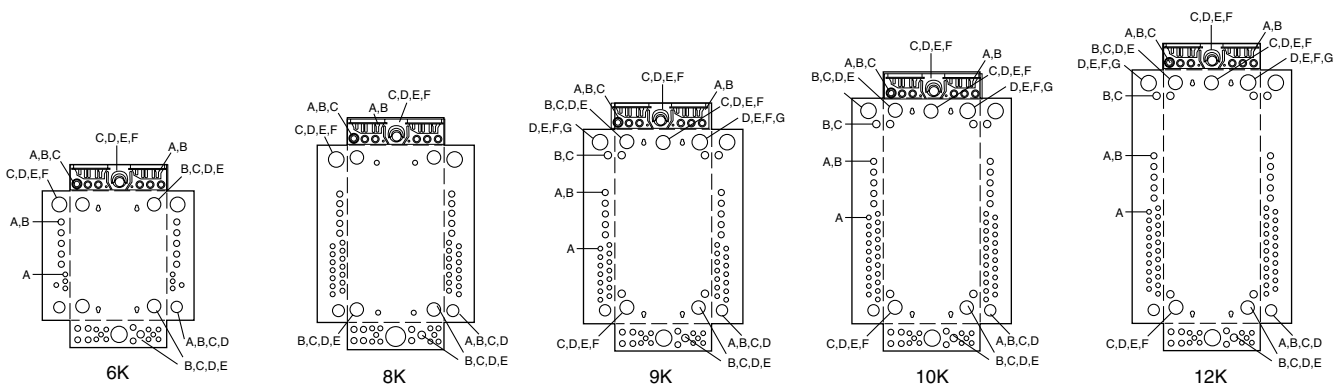
WIREGATOR™ Qwik-Grip Cable System Wire Size Per Slot

Position	Wide Slot	Narrow Slot	Narrow Slot	Narrow Slot	Narrow Slot
Front	12-3 10-3	14-3, 14-2 12-2 10-2	14-3, 14-2 12-2 10-2	14-3, 14-2 12-2 10-2	14-3, 14-2 12-2 10-2
Middle	14-3 12-3 10-2	14-2 12-2	14-2 12-2	14-2 12-2	14-2 12-2
Back	14-3 12-3 10-2	14-2 12-2	14-2 12-2	14-2 12-2	



Indoor Dimensions						
Enclosure No.	W		H		D	
	in.	mm	in.	mm	in.	mm
6K	14.25	362	17.92	455	3.75	95
8K	14.25	362	26.04	661	3.75	95
9K	14.25	362	29.86	758	3.75	95
10K	14.25	362	33.78	858	3.75	95
12K	14.25	362	39.37	1000	3.75	95

Indoor Knockouts									
Symbol	A	B	C	D	E	F	G	H	I
Conduit Size	.50 in. (13 mm)	.75 in. (19 mm)	1.00 in. (25 mm)	1.25 in. (32 mm)	1.50 in. (38 mm)	2.00 in. (51 mm)	2.50 in. (64 mm)	3.00 in. (76 mm)	3.50 in. (89 mm)



Indoor Dimensions and Knockouts—WIREGATOR™ Qwik-Grip Cable System

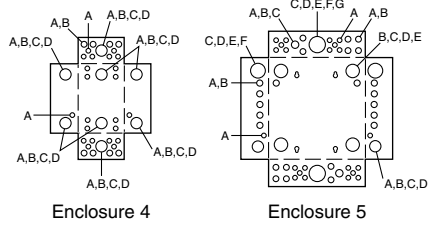
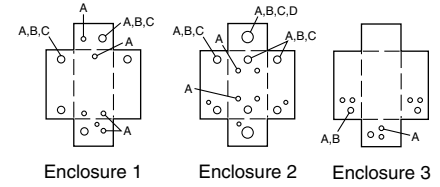


HOMELINE Circuit Breaker Load Centers—Class 1170

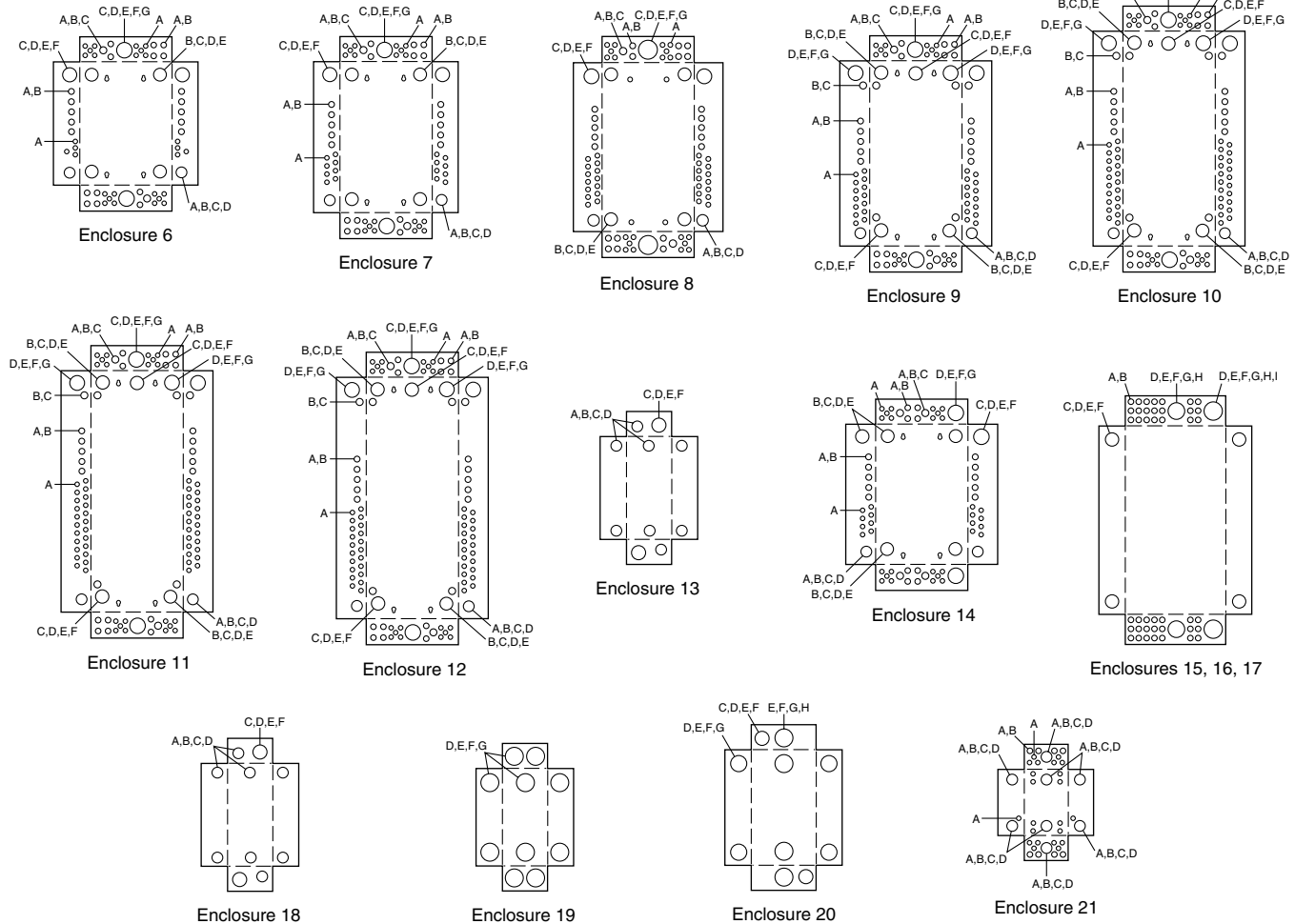
Dimensions and Knockouts

Indoor Dimensions						
Enclosure No.	W		H		D	
	in.	mm	in.	mm	in.	mm
1	3.81	97	6.72	171	3.00	76
2	4.81	122	9.30	236	3.19	81
3	4.81	122	9.30	236	3.19	81
4	8.88	226	12.57	319	3.80	97
5	14.25	362	14.92	379	3.75	95
6	14.25	362	17.92	455	3.75	95
7	14.25	362	20.92	531	3.75	95
8	14.25	362	26.04	661	3.75	95
9	14.25	362	29.86	758	3.75	95
10	14.25	362	33.78	858	3.75	95
11	14.25	362	37.98	965	3.75	95
12	14.25	362	39.37	1000	3.75	95

Indoor Dimensions						
Enclosure No.	W		H		D	
	in.	mm	in.	mm	in.	mm
13	5.88	149	13.12	333	3.38	86
14	14.25	362	20.92	531	3.75	95
15	20.00	508	50.00	1270	5.75	146
16	20.00	508	68.00	1727	5.75	146
17	20.00	508	53.00	1346	5.75	146
18	5.88	149	16.12	409	3.38	86
19	7.56	192	23.12	587	4.25	108
20	9.62	244	26.12	663	4.75	121
21	8.88	226	14.80	376	3.80	97



Indoor Knockouts									
Symbol	A	B	C	D	E	F	G	H	I
Conduit Size	.50 in. (13 mm)	.75 in. (19 mm)	1.00 in. (25 mm)	1.25 in. (32 mm)	1.50 in. (38 mm)	2.00 in. (51 mm)	2.50 in. (64 mm)	3.00 in. (76 mm)	3.50 in. (89 mm)



Indoor Dimensions and Knockouts

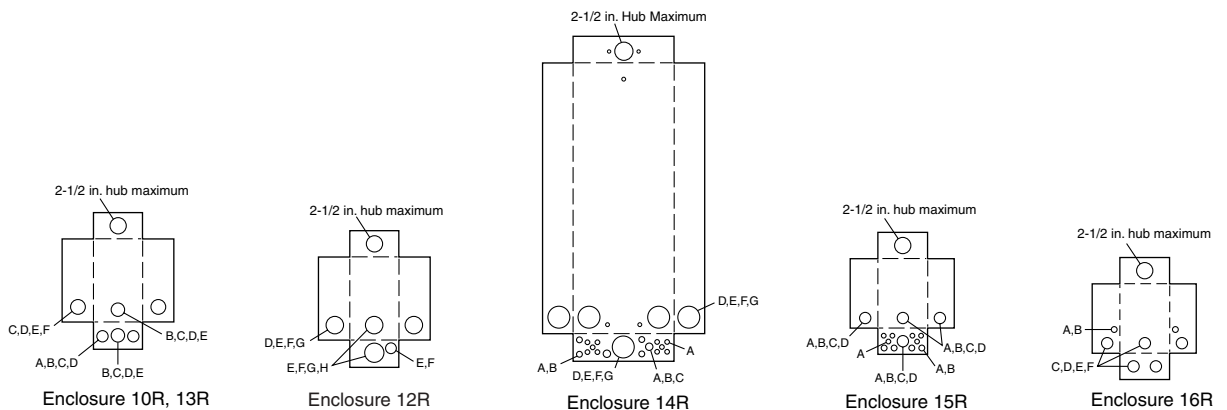
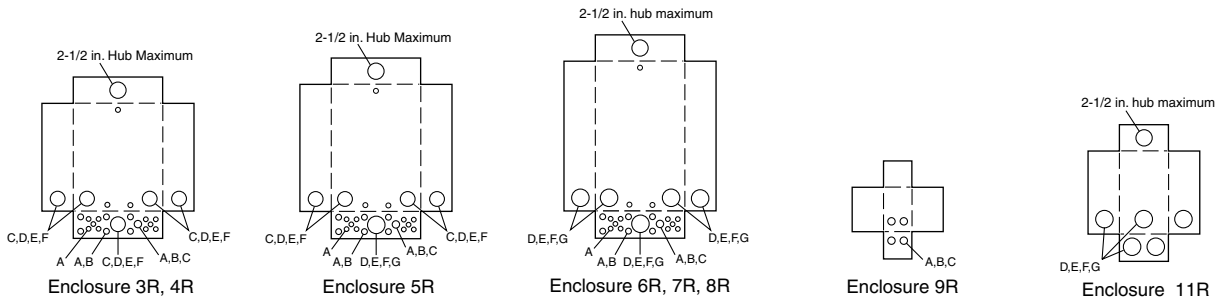
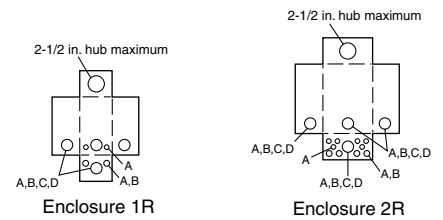
HOMELINE Circuit Breaker Load Centers—Class 1170

Dimensions and Knockouts

Outdoor Dimensions						
Enclosure No.	W		H		D	
	in.	mm	in.	mm	in.	mm
1R	4.88	124	9.38	238	4.00	102
2R	8.88	226	12.65	321	4.27	108
3R	14.75	375	18.92	481	4.52	115
4R	14.75	375	22.06	560	4.52	115
5R	14.75	375	26.04	661	4.52	115
6R	14.75	375	29.86	758	4.52	115
7R	14.75	375	33.78	858	4.52	115
8R	14.75	375	37.98	965	4.52	115
9R	4.56	116	6.50	165	3.88	99
10R	6.92	176	13.18	335	4.12	105
11R	7.56	192	23.24	590	4.75	121
12R	9.62	244	26.24	666	5.50	140

Outdoor Dimensions						
Enclosure No.	W		H		D	
	in.	mm	in.	mm	in.	mm
13R	6.92	176	16.18	411	4.12	105
14R	14.75	375	39.37	1000	4.52	115
15R	6.25	166	8.79	223	3.90	99
16R	8.88	226	14.80	376	4.27	108

Outdoor Knockouts								
Symbol	A	B	C	D	E	F	G	H
Conduit Size	.50 in. (13 mm)	.75 in. (19 mm)	1.00 in. (25 mm)	1.25 in. (32 mm)	1.50 in. (38 mm)	2.00 in. (51 mm)	2.50 in. (64 mm)	3.00 in. (76 mm)



Outdoor Dimensions and Knockouts

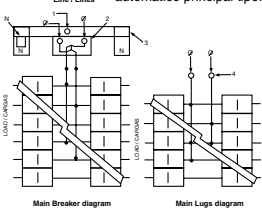


HOMELINE Circuit Breaker Load Centers—Class 1170 Specifications

Single-Phase Labels

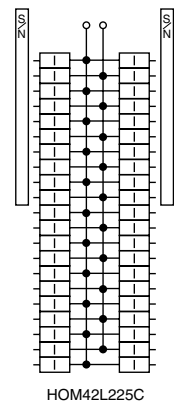
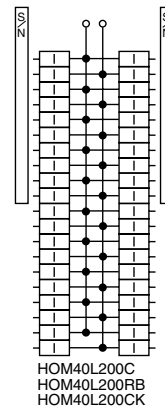
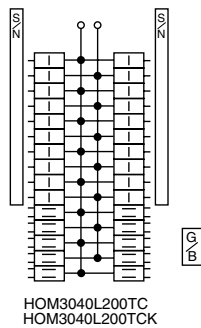
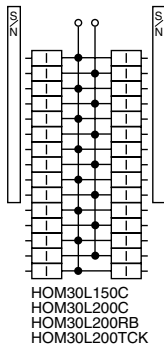
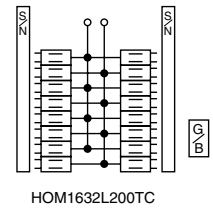
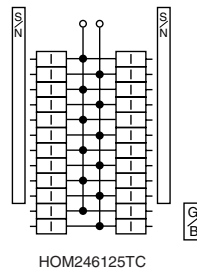
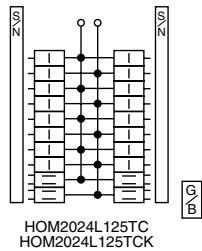
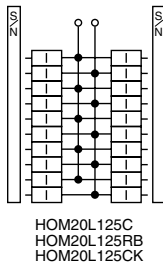
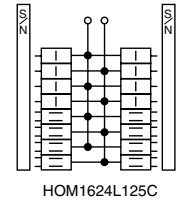
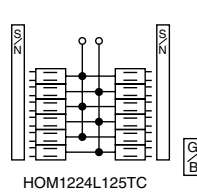
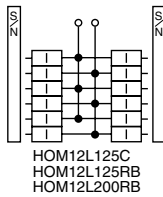
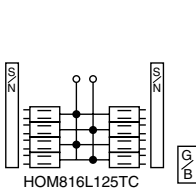
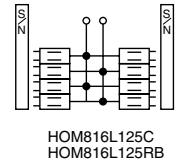
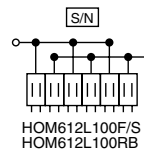
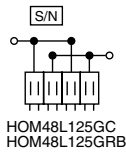
The labels below represent typical labels. Information may not be applicable or may change without notice. See the actual label in the load center for the latest information.

<p>Number of circuits maximum. Enclosure catalog number. Catalog number of covers; flush or surface. See panelboard interior for the catalog number. Voltage ratings. Amperage rating.</p>	<p>Wire range for lug torque data table.</p>	<p>Short circuit ratings. Short circuit ratings and additional of replacement circuit breakers.</p>	<p>UL listing.</p>																																												
<p>HOM LOAD CENTER See Panelboard interior for Catalog No. Box Cat. No. / Caja No. de Catalogo: BXH34A Use Cover Cat. No. / Utilice la Cubierta No. de Catalogo: HOMC30UC Mains 200A max. / Lina Principal de 200A maximo. See main or service disconnect rating if installed. 120/240 V ~ Max. 1Ø, 50 / 60 Hz. 30 circuit max. / 30 circuitos maximo. Type 1 Enclosure Gabinete Tipo 1 For installation, repairs or alterations, Call an electrical contractor or electrician.</p>	<p>LUG TORQUE DATA See circuit breakers and field installed units for wire binding screw torque</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Wire Range (AWG/kcmil)</th> <th>Torque (in/lbs.)</th> </tr> </thead> <tbody> <tr> <td>Main Lug 4 - 250 CU/AL</td> <td>250</td> </tr> <tr> <td>Service Ground Lug 6 - 2/0 CU/AL</td> <td>50</td> </tr> <tr> <td>Alternate Main Breaker</td> <td>See Main Breaker</td> </tr> </tbody> </table> <p>Branch Neutral and Equipment Ground Bar</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Wire Range (AWG)</th> <th>Torque (in/lbs.)</th> </tr> </thead> <tbody> <tr> <td>6 CU / AL</td> <td>Large 45</td> </tr> <tr> <td>8 CU / AL</td> <td>Large 40</td> </tr> <tr> <td>14-10 CU, 12-10 AL</td> <td>Large 35</td> </tr> </tbody> </table> <p>Equipment Ground Combinations</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tbody> <tr> <td>Two 14 or 12 CU</td> <td>25</td> </tr> <tr> <td>Two 12 or 10 AL</td> <td>10</td> </tr> </tbody> </table>	Wire Range (AWG/kcmil)	Torque (in/lbs.)	Main Lug 4 - 250 CU/AL	250	Service Ground Lug 6 - 2/0 CU/AL	50	Alternate Main Breaker	See Main Breaker	Wire Range (AWG)	Torque (in/lbs.)	6 CU / AL	Large 45	8 CU / AL	Large 40	14-10 CU, 12-10 AL	Large 35	Two 14 or 12 CU	25	Two 12 or 10 AL	10	<p>SHORT CIRCUIT RATING RMS Symmetrical Amperes at 120 / 240 V ~ Maximum</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Panel Rating</th> <th>Remote Main</th> <th>Integral Main</th> <th>Branch (min.) / Cat. prefix</th> </tr> </thead> <tbody> <tr> <td>42,000</td> <td>QOH</td> <td>Lugs</td> <td>10,000 / HOM</td> </tr> <tr> <td>22,000</td> <td>QOME..VH</td> <td>Lugs</td> <td>10,000 / HOM</td> </tr> <tr> <td>*10,000</td> <td>----</td> <td>Lugs</td> <td>10,000 HOM</td> </tr> <tr> <td>22,000</td> <td>----</td> <td>QOM2..VH</td> <td>10,000 HOM</td> </tr> <tr> <td>10,000</td> <td>----</td> <td>QOM2</td> <td>10,000 HOM</td> </tr> </tbody> </table> <p><small>The rating is equal to the lowest interrupting rating of any circuit breaker installed. Refer to branch breaker for individual ratings. Additional or replacement branch circuit breakers, main breaker, or service disconnect MUST have an interrupting rating equal to or greater than that of the circuit breaker with the lowest interrupting rating presently installed. See panelboard interior for breaker types.</small></p>	Panel Rating	Remote Main	Integral Main	Branch (min.) / Cat. prefix	42,000	QOH	Lugs	10,000 / HOM	22,000	QOME..VH	Lugs	10,000 / HOM	*10,000	----	Lugs	10,000 HOM	22,000	----	QOM2..VH	10,000 HOM	10,000	----	QOM2	10,000 HOM	<p>UL Underwriter's Laboratories, Inc.® LISTED Electric Cabinet Box Issue No. V-2813</p> <p>Install loose label with Spanish translation on back of cover. Adhiera la etiqueta suelta con las traducciones en español en la parte posterior del frente. Please read information before installing. Por favor lea la informacion antes de instalar.</p> <p>SQUARE D COMPANY® 001021 15 40265-381-03</p>
Wire Range (AWG/kcmil)	Torque (in/lbs.)																																														
Main Lug 4 - 250 CU/AL	250																																														
Service Ground Lug 6 - 2/0 CU/AL	50																																														
Alternate Main Breaker	See Main Breaker																																														
Wire Range (AWG)	Torque (in/lbs.)																																														
6 CU / AL	Large 45																																														
8 CU / AL	Large 40																																														
14-10 CU, 12-10 AL	Large 35																																														
Two 14 or 12 CU	25																																														
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*10,000	----	Lugs	10,000 HOM																																												
22,000	----	QOM2..VH	10,000 HOM																																												
10,000	----	QOM2	10,000 HOM																																												

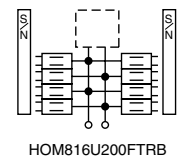
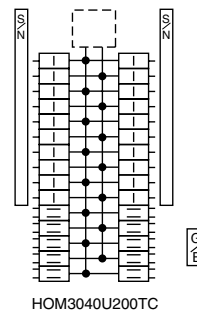
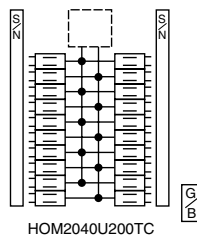
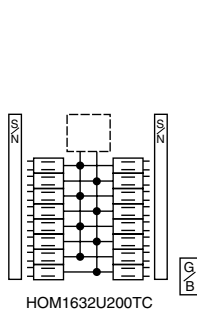
<p>Service Equipment marking. Use of unused neutral branch terminal for equipment grounding, service equipment application only.</p>	<p>Installation of back-fed main circuit breaker and required kit. Alternate wiring diagram for main circuit breaker or main lug.</p>	<p>Type of circuit breakers from Square D that may be used in this panelboard.</p>	<p>Load center accessories. Neutral lug for 1/0 AWG or larger wire.</p>
<p>Suitable for use with 75°C Copper or Aluminum main conductors. See branch breakers for branch wire ratings.</p> <p>* Suitable for use as service equipment when service disconnect (main breaker) is installed. * Suitable for use as service equipment when not more than six main disconnecting means are provided and when not used as a lighting and appliance branch circuit panelboard. See Article 384-14 of the NEC. * When used as service equipment, all unused neutral terminals may be used for terminating equipment ground wires.</p>	<p>1. Box bonding when required. / Conexion a la caja cuando fuese necesario. 2. Main breaker type: QOM1 or QOM1A. / Interruptor automatico principal tipo: QOM1 o QOM1A.</p> <p>3. Service ground when required. / Tierra de acometida cuando fuese necesario</p> <p>4. Main lugs kit no: QOL125. / No. de accesorio de las zapatas principales: QOL125.</p>  <p>Equipment Grounding Terminals</p>	<p>One single pole. One plug on space. One two pole requires two plug on spaces.</p> <p>Torque Note: When main breaker or main lug connector mounting nuts are loosened or removed, retighten to 75 lbs./in. torque.</p>	<p>Load Center Accessories - Kits</p> <ul style="list-style-type: none"> HOM4K2LA Back-fed Main Cir. Brkr. Retaining HOM2175SB Plug-On Surge Arrestor * SDSA1175 1 Phase Surge Arrestor QOSAMK SDSA1175 Mounting Bracket HOML2125 1 Phase Plug-on Subfeed Lugs * PK9--27GTA(L) Equipment Ground Bar PKG7AB Equipment Ground Bar Insulator LK70AN 70A Max. Neutral Lug LK100AN 125A Max. Neutral Lug QOL125 Main Lugs PK6FL Indoor Cover Lock <p>* May plug on two adjacent spaces.</p> <p>Torque Note: When interior mounting screw is loosened or removed, retighten to 35 lbs./in.</p> <p>SQUARE D COMPANY® Made in U.S.A. 15 40265-668-02</p>



HOMELINE Circuit Breaker Load Centers—Class 1170 Wiring Diagrams



1-Phase, 3-Wire Main Lugs



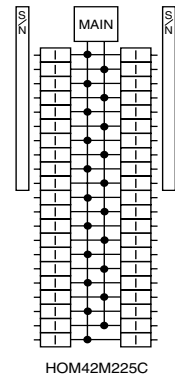
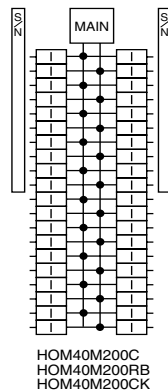
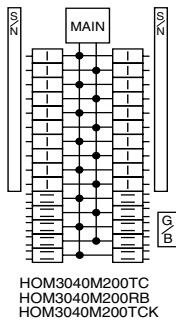
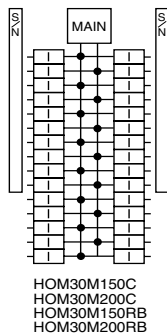
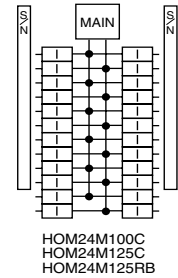
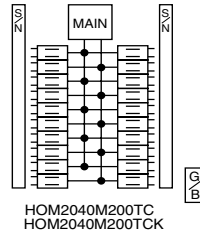
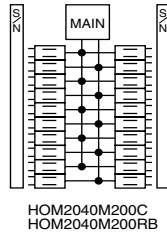
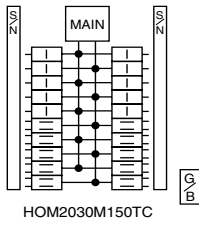
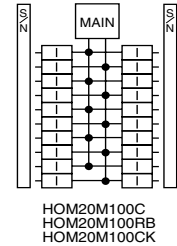
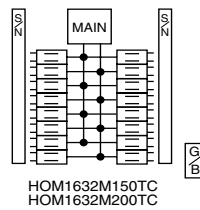
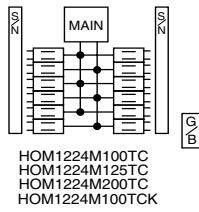
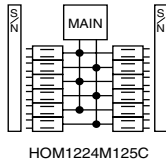
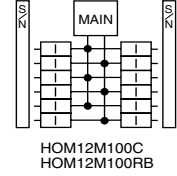
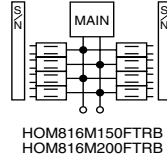
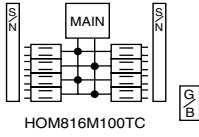
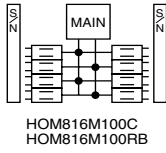
Universal Mains

Requires Field Installed Main



HOMELINE Circuit Breaker Load Centers—Class 1170

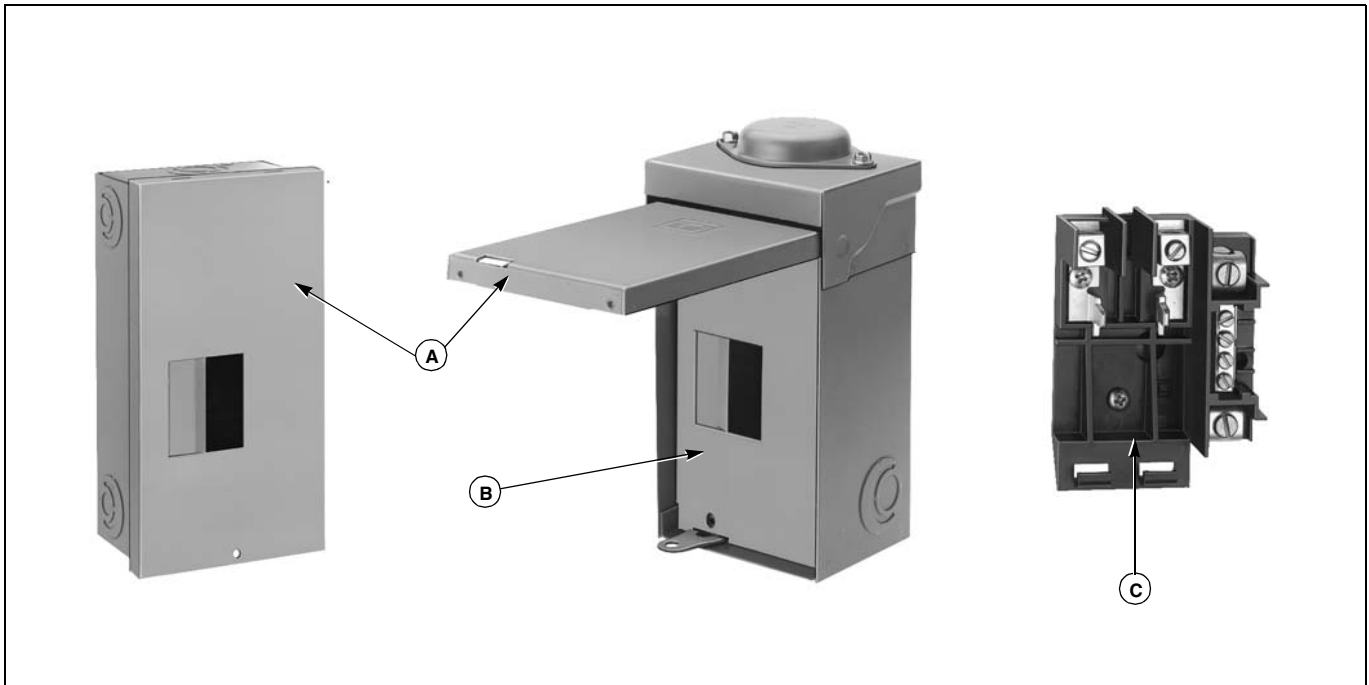
Wiring Diagrams



1-Phase, 3-Wire Main Circuit Breakers



HOMELINE Circuit Breaker Load Centers—Class 1170 Replacement Parts



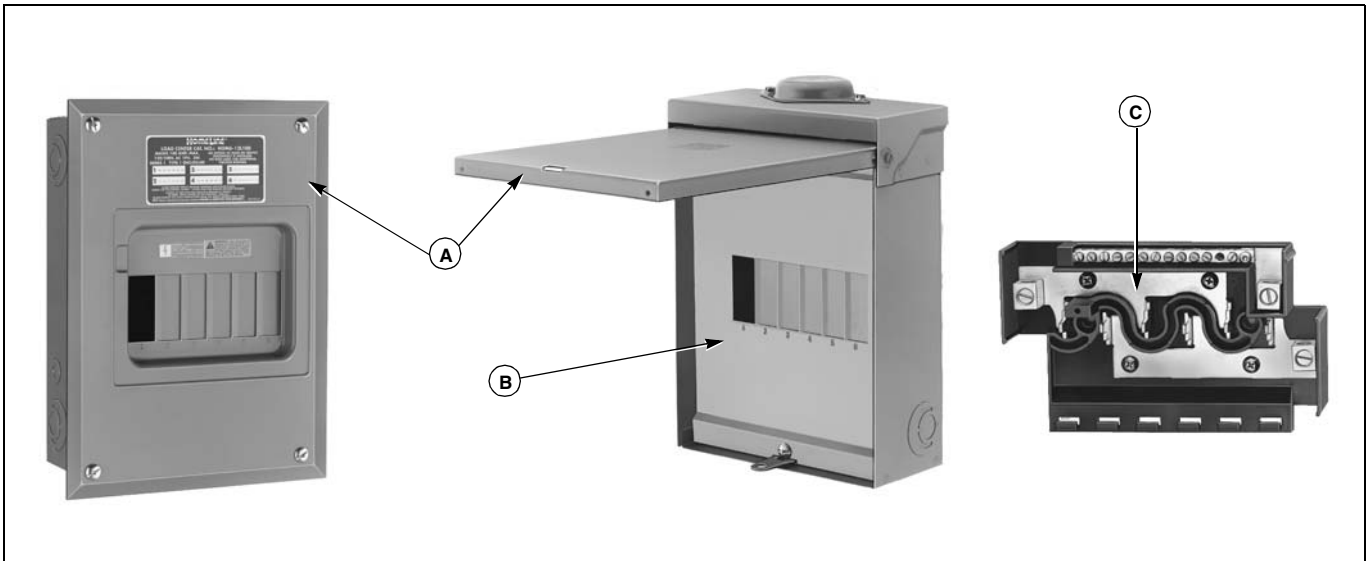
Single-Phase – Fixed Main Lugs, Series 1 and 2

Illustration Code		A	B	C	D	F
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Main Lugs	Neutral Bonding Screw
HOM24L70F	1, 2	40558-007-01	–	40558-085-50	N/A	21490-173-42
HOM24L70S	1, 2	40558-008-01	–	40558-085-50	N/A	21490-173-42
HOM24L70RB	1, 2	137109	40558-011-01	40558-085-50	N/A	21490-173-42

Flush and surface cover mounting screw .75 in. (19 mm): 40205-130-02
 Replacement covers do not have labels applied
 Replacement enclosures are not available
 RB trim mounting screw .50 in. (13 mm): 40205-130-01
 N/A: Not available



HOMELINE Circuit Breaker Load Centers—Class 1170 Replacement Parts



Single-Phase – Fixed Main Lugs, Series 1

Illustration Code		A	B	C	D	E
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Main Lugs	Neutral Bonding Screw
HOM48L125GC	1	40558-448-01	–	40558-452-50	N/A	40205-020-01
HOM48L125GRB	1	40553-323-01	40558-449-01	40558-452-50	N/A	40205-020-01
HOM612L100F	1	40558-018-01	–	40558-057-50	N/A	40205-020-01
HOM612L100S	1	40558-017-01	–	40558-057-50	N/A	40205-020-01
HOM612L100RB	1	40558-103-01	40558-021-01	40558-057-50	N/A	40205-020-01

Flush and surface cover mounting screw .75 in. (19 mm): 40205-130-02

Replacement covers do not have labels applied

Replacement enclosures are not available

RB trim mounting screw .50 in. (13 mm): 40205-130-01

RB door mounting screws: 21427-171-61

N/A: Not available



HOMELINE Circuit Breaker Load Centers—Class 1170 Replacement Parts



Single-Phase – Convertible Main Lugs, Series S01 and S02

Illustration Code		A	B	C	D	E	F
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Neutral Assembly	Main Lugs	Neutral Bonding Hardware
HOM816L125C	S01	HOMC12UC	–	HOM816L125CI	N/A	QOL125	40283-458-50
HOM816L125TC	S01	HOMC12UC	–	HOM816L125TCI	N/A	QOL125	40283-458-50
HOM816L125RB	S02	40563-178-50	40563-127-01	HOM816L125RBI	N/A	QOL125	40283-458-50
HOM12L125C	S01	HOMC12UC	–	HOM12L125CI	N/A	QOL125	40283-458-50
HOM12L125RB	S02	40563-178-50	40563-127-01	HOM12L125RBI	N/A	QOL125	40283-458-50
HOM1224L125TC	S01	HOMC12UC	–	HOM1224L125TCI	N/A	QOL125	40283-458-50
HOM1624L125C	S01	HOMC20U100C	–	HOM1624L125CI	N/A	QOL125	40283-458-50
HOM20L125C	S01	HOMC20U100C	–	HOM20L125CI	N/A	QOL125	40283-458-50
HOM20L125CK	S01	HOMC20U100C	–	HOM20L125CI	N/A	QOL125	40283-458-50
HOM20L125RB	S02	40563-177-50	40563-150-01	HOM20L125RBI	N/A	QOL125	40283-458-50
HOM2024L125TC	S01	HOMC20U100C	–	HOM2024L125TCI	N/A	QOL125	40283-458-50
HOM2024L125TCK	S01	HOMC20U100C	–	HOM2024L125TCI	N/A	QOL125	40283-458-50
HOM24L125TC	S01	HOMC24UC	–	HOM24L125TCI	N/A	QOL125	40283-458-50
HOM30L150C	S01	HOMC30UC	–	HOM30L150CI	N/A	QOL225	40283-458-50
HOM12L200RB	S02	40563-176-50	40563-132-01	HOM12L200RBI	N/A	QOL225	40283-458-50
HOM30L200TCK	S01	HOMC30UC	–	HOM30L200C1	N/A	QOL225	40283-458-50
HOM2040L200TC	S01	HOMC20UC	–	HOM2040L200TCI	N/A	QOL225	40283-458-50
HOM30L200RB	S02	40563-174-50	40563-138-01	HOM30L200RBI	N/A	QOL225	40283-458-50
HOM3040L200TC	S01	HOMC30UC	–	HOM3040L200TCI	N/A	QOL225	40283-458-50
HOM3040L200TCK	S01	HOMC30UC	–	HOM3040L200TCI	N/A	QOL225	40283-458-50
HOM40L200C	S01	HOMC40UC	–	HOM40L200CI	N/A	QOL225	40283-458-50
HOM40L200CK	S01	HOMC40UC	–	HOM40L200CI	N/A	QOL225	40283-458-50
HOM40L200RB	S02	40563-172-50	40563-142-01	HOM40L200RBI	N/A	QOL225	40283-458-50
HOM42L225C	S01	HOMC42UC	–	HOM42L225CI	N/A	QOL225	40283-458-50

Indoor cover mounting screw .75 in. (19 mm): 40283-564-50
 Indoor cover door hinge: 40283-564-50
 Indoor cover latch:
 Latch: 40545-087-01
 Latch spring: 40545-413-01
 WIREGATOR inserts: 40556-153-01, quantity = 1
 WIREGUARD shields: 40559-435-50, quantity = 2

RB trim mounting screw .50 in. (13 mm): 40205-130-01
 RB door mounting screws: 21422-171-01
 Main circuit breaker and main lugs keps nut: 23427-020-01
 N/A - not available
 Replacement enclosures are not available
 Replacement covers do not have labels applied
 Outdoor cover latch: 40563-147-01
 Latch rivet: 24102-121-60



HOMELINE Circuit Breaker Load Centers—Class 1170 Replacement Parts



Single-Phase – Convertible Main Circuit Breakers, Series S01 and S02

Illustration Code		A	B	C	D	E	F
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Neutral Assembly	Main Circuit Breaker	Neutral Bonding Hardware
HOM816M100C	S01	HOMC8UC	–	HOM816M100CI	N/A	QOM100VH	40283-458-50
HOM816M100TC	S01	HOMC8UC	–	HOM816M100TCI	N/A	QOM100VH	40283-458-50
HOM816M100RB	S02	40563-178-50	40563-127-02	HOM816M100RBI	N/A	QOM100VH	40283-458-50
HOM12M100C	S01	HOMC12UC	–	HOM12M100CI	N/A	QOM100VH	40283-458-50
HOM12M100RB	S02	40563-178-50	40563-127-02	HOM12M100RBI	N/A	QOM100VH	40283-458-50
HOM1224M100TC	S01	HOMC12UC	–	HOM1224M100TCI	N/A	QOM100VH	40283-458-50
HOM1224M100TCK	S01	HOMC12UC	–	HOM1224M100TCI	N/A	QOM100VH	40283-458-50
HOM20M100C	S01	HOMC20U100C	–	HOM20M100CI	N/A	QOM100VH	40283-458-50
HOM20M100CK	S01	HOMC20U100C	–	HOM20M100CI	N/A	QOM100VH	40283-458-50
HOM20M100RB	S02	40563-177-50	40563-150-02	HOM20M100RBI	N/A	QOM100VH	40283-458-50
HOM24M100C	S01	HOMC24UC	–	HOM24M100CI	N/A	QOM100VH	40283-458-50
HOM1224M125C	S01	HOMC12UC	–	HOM1224M125CI	N/A	QOM125VH	40283-458-50
HOM1224M125TC	S01	HOMC12UC	–	HOM1224M125TCI	N/A	QOM125VH	40283-458-50
HOM24M125C	S01	HOMC24UC	–	HOM24M125CI	N/A	QOM125VH	40283-458-50
HOM24M125RB	S02	40563-175-50	40563-136-01	HOM24M125RBI	N/A	QOM125VH	40283-458-50
HOM1632M150TC	S01	HOMC16UC	–	HOM1632M150TCI	N/A	QOM2150VH	40283-458-50
HOM2030M150TC	S01	HOMC20UC	–	HOM2030M150TCI	N/A	QOM2150VH	40283-458-50
HOM30M150C	S01	HOMC30UC	–	HOM30M150CI	N/A	QOM2150VH	40283-458-50
HOM30M150RB	S02	40563-174-50	40563-138-02	HOM30M150RBI	N/A	QOM2150VH	40283-458-50
HOM1224M200TC	S01	HOMC16UC	–	HOM1224M200TCI	N/A	QOM2200VH	40283-458-50
HOM1632M200TC	S01	HOMC16UC	–	HOM1632M200TCI	N/A	QOM2200VH	40283-458-50
HOM2040M200C	S01	HOMC20UC	–	HOM2040M200CI	N/A	QOM2200VH	40283-458-50
HOM2040M200CK	S01	HOMC20UC	–	HOM2040M200CI	N/A	QOM2200VH	40283-458-50
HOM2040M200TC	S01	HOMC20UC	–	HOM2040M200TCI	N/A	QOM2200VH	40283-458-50
HOM2040M200RB	S02	40563-175-50	40563-137-01	HOM2040M200RBI	N/A	QOM2200VH	40283-458-50
HOM30M200C	S01	HOMC30UC	–	HOM30M200CI	N/A	QOM2200VH	40283-458-50
HOM30M200RB	S02	40563-174-50	40563-138-02	HOM30M200RBI	N/A	QOM2200VH	40283-458-50
HOM3040M200TC	S01	HOMC30UC	–	HOM3040M200TCI	N/A	QOM2200VH	40283-458-50
HOM3040M200TCK	S01	HOMC30UC	–	HOM3040M200TCI	N/A	QOM2200VH	40283-458-50
HOM3040M200RB	S02	40563-174-50	40563-138-02	HOM3040M200RBI	N/A	QOM2200VH	40283-458-50
HOM40M200C	S01	HOMC40UC	–	HOM40M200CI	N/A	QOM2200VH	40283-458-50
HOM40M200CK	S01	HOMC40UC	–	HOM40M200CI	N/A	QOM2200VH	40283-458-50
HOM40M200RB	S02	40563-172-50	40263-142-02	HOM40M200RBI	N/A	QOM2200VH	40283-458-50
HOM42M225C	S01	HOMC42UC	–	HOM42M225CI	N/A	QOM2225VH	40283-458-50

Indoor cover door hinge: 40283-564-50

Indoor cover mounting screw .75 in. (19 mm): 40205-130-02

Indoor cover door latch:

Latch: 40545-087-01

Latch spring: 40545-413-01

WIREGATOR inserts: 40556-153-01, quantity = 1

RB trim mounting screw .50 in. (13 mm): 40205-130-01

RB door mounting screws: 21422-171-01

Main circuit breaker & main lugs keps nut: 23427-020-01

N/A: Not available

Replacement enclosures are not available

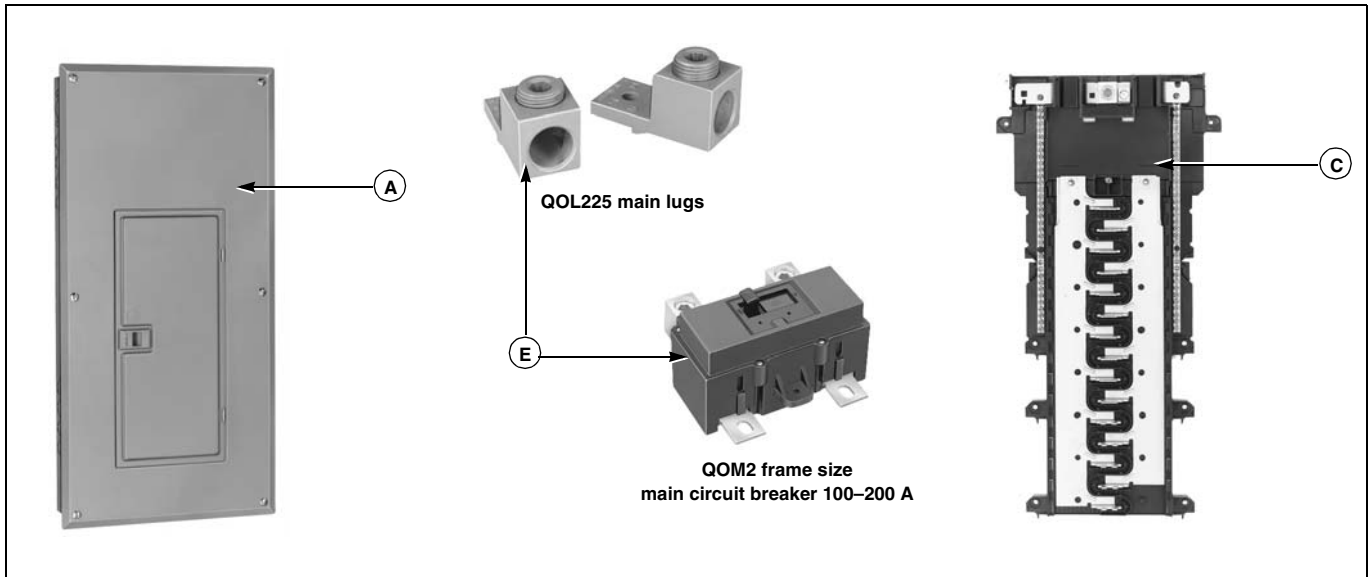
WIREGUARD shields: 40559-435-50, quantity = 2

Outdoor cover latch: 40563-147-01

Latch rivet: 24102-121-60



HOMELINE Circuit Breaker Load Centers—Class 1170 Replacement Parts



Universal – Main Lugs or Main Circuit Breakers, Series S01

Illustration Code		A	B	C	D	E	F
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Neutral Assembly	Main Lugs or Main Circuit Breaker	Neutral Bonding Hardware
HOM1632U200TC	S01	HOMC16UC	–	HOM16-32U200TCI	N/A	QOL225 or QOM2-VH main circuit breaker (200 A Max.) See table below.	40283-458-50
HOM2040U200TC	S01	HOMC30UC	–	HOM20-40U200TCI	N/A		40283-458-50
HOM3040U200TC	S01	HOMC30UC	–	HOM30-40U200TCI	N/A		40283-458-50

Indoor cover door hinge: 40283-564-50

Indoor cover mounting screw .75 in. (19 mm): 40205-130-02

Indoor cover door latch:

Latch: 40545-087-01

Latch spring: 40545-413-01

Main circuit breaker and main lugs keps nut: 23427-020-01

N/A: Not available

Replacement enclosures are not available

Field Installable Main Circuit Breaker

See field-installed main circuit breaker in load center for ampere rating.

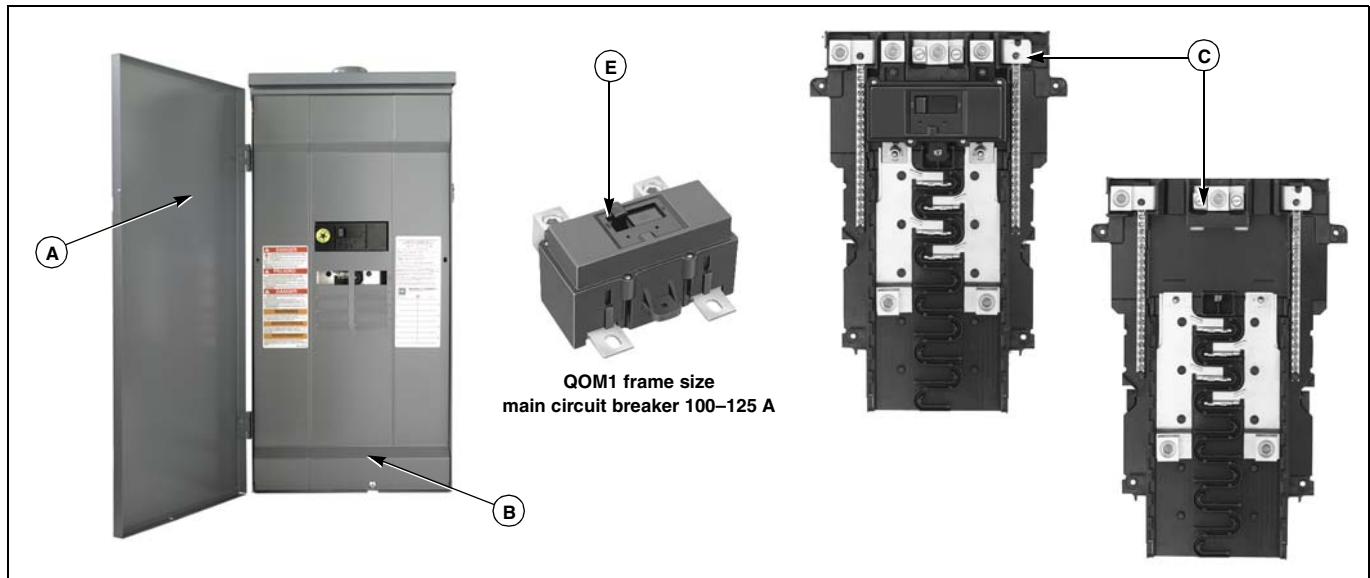
QOM2 Frame Size

Ampere Rating	Main Breaker Catalog Number
100	QOM2100VH
125	QOM2125VH
150	QOM2150VH
175	QOM2175VH
200	QOM2200VH



HOMELINE Circuit Breaker Load Centers—Class 1170

Replacement Parts



Feed-Through – Main Circuit Breakers, Series S01

Illustration Code		A	B	C	D	E	F
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Neutral Assembly	Main Circuit Breaker	Neutral Bonding Hardware
HOM816M150FTRB	S02	40563-175-50	40563-133-01	HOM8-16M150FTRBI	N/A	QOM2150VH	40283-458-50
HOM816M200FTRB	S02	40563-175-50	40563-133-01	HOM8-16M200FTRBI	N/A	QOM2200VH	40283-458-50

RB trim mounting screw .50 in. (13 mm): 40205-130-01
 RB door mounting screws: 21422-171-01
 Main circuit breaker keps nut: 23427-020-01
 N/A: Not available

Replacement enclosures are not available
 Outdoor cover latch: 40563-147-01
 Latch rivet: 24102-121-60

Feed-Through – Universal Main Circuit Breakers, Series S02

Illustration Code		A	B	C	D	E	F
Catalog Number	Series	Cover or RB Door	Interior Trim	Interior Assembly	Neutral Assembly	Main Circuit Breaker	Neutral Bonding Hardware
HOM816U200FTRB	S02	40563-175-50	40563-133-01	HOM8-16U200FTRBI	N/A	QOM2-VH main circuit breaker (200A Max.). See table below.	40283-458-50

RB trim mounting screw .50 in. (13 mm): 40205-130-01
 RB door mounting screws: 21422-171-01
 Main circuit breaker keps nut: 23427-020-01
 N/A: Not available

Replacement enclosures are not available
 Outdoor cover latch: 40563-147-01
 Latch rivet: 24102-121-60

Field Installable Main Circuit Breaker

See field-installed main circuit breaker in load center for ampere rating.

QOM2 Frame Size

Ampere Rating	Main Breaker Catalog Number
100	QOM2100VH
125	QOM2125VH
150	QOM2150VH
175	QOM2175VH
200	QOM2200VH



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