

Homeline Label Samples

Homeline Box Label Sample

- Number of circuits maximum - Enclosure catalog number - Catalog number of covers; flush or surface - See load center interior for the catalog number - Voltage ratings - Amperage rating	Wire range for lug torque data table	Short circuit ratings	Short circuit ratings and additional or replacement circuit breakers	- UL manifest - Date code - Plant code - Label part number - Manufacturer trademark
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HOMELINE™ LOAD CENTER
See panelboard interior for Catalog No.
Box / Caja : 8X18B
Cover / Cubierta : HOMC12UC
Bus Bar Rating / Capacidad de Barra de conexión : 125A max.
Circuit max. / Max. Circuitos : 16
Type 1 Enclosure / Gabinete Tipo 1

Main max. / Max. Línea principal : 125A
See main or service disconnect rating if installed.
240 V- Max., 1Ø, 50 / 60 Hz.

LUG TORQUE DATA
SEE CIRCUIT BREAKERS AND FIELD INSTALLED UNITS FOR WIRE RANGE AND TORQUE.

Lug type	Wire Range (AWG/kcmil)	Torque (lb-in)
Line Neutral Lug	5-1 Cu, 12-20 AL	50
Main Lug	5-1 Cu, 6-20 AL	40
Alternate	See Main Breaker	See Main Breaker
Main Breaker	See Main Breaker	See Main Breaker
BRANCH NEUTRAL, EQUIPMENT GROUNDING BAR & SERVICE GROUND		
Terminal Type	Wire Range (AWG)	Torque (lb-in)
1Ø - 3 Cu/AL	10-14 Cu, 16-12 AL	25
Branch Neutral & Equipment Ground Bar	4 Cu/AL	35
	6 Cu/AL	35
	8 Cu/AL	25
	10-14 Cu, 16-12 AL	25
	1Ø 14 Cu	25
Equipment Ground Connections	1Ø 12 Cu/AL	25
	1Ø 16 AL	25

SHORT CIRCUIT CURRENT RATING

RMS Symmetrical Amperes x 1000 @ V- Max.	Integral or Remote Main / Catalog Designation or Fuse Class (Max. A)	Branch Circuit Breaker Catalog Designation (Max. A)
10 @ 240	QOM-VH (125)	
22 @ 240	QO-VH (125)	HOM (100) †, HOMT, HOMP ‡
25 @ 240	QO (125)	
42 @ 240	QOH	
100 @ 240	QO (125)	
100 @ 240	QJ (125)	

† Includes suffixes: AFI, DF, BPD, and GFL. ‡ Includes suffixes: AFI and DF.

See Circuit Breaker for voltage and Interrupting Rating. This rating is equal to the lowest Interrupting Rating of any Circuit Breaker installed. Refer to branch or main Circuit Breakers for individual ratings. Additional or Replacement Branch or Main Circuit Breaker, or Service Disconnect MUST have an Interrupting Rating equal to or greater than that of the Circuit Breaker with the lowest Interrupting Rating previously installed. See panelboard interior for Circuit Breaker types.

UL CLASS CTL ENCLOSED PANELBOARD 8-9488

For installation, repairs or alterations, call an electrical contractor or electrician. Maximum continuous loads not to exceed 80% of the ampere rating of any over current device installed. / Los cargas continuas no excederán el 80% de la capacidad en amperaje de cualquier equipo de sobre corriente instalada.

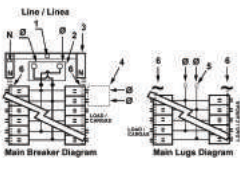
SQUARE D™

YYWWDS 15 EAV51738

Homeline Wiring Diagram Sample

Alternate wiring diagram for main circuit breaker or main lug	- Service Equipment marking. Unused neutral branch terminal for equipment grounding, service equipment application only - Installation of back-fed main circuit breaker and required kit	Load center accessories	Square D circuit breakers that may be used in this load center
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Suitable for use with 75°C Copper or Aluminum main conductors. See branch breakers for branch wire rating.



• 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 NEC, ANSI / NFPA 70. When used as Service equipment, all unused neutral terminals may be used for terminating equipment ground wires. When used as Service equipment install service entrance barrier Kit PKSB1LA for QOM1 Breakers. For back-fed main applications install: HOM4RK2LA. Service entrance barrier does not allow the load center to be serviced energized.

- Box bonding when required. / Conexión a la caja cuando sea necesario.
- Main breaker type: / Interruptor automático principal tipo: QOM1 or QOM1A.
- Service ground when required. / Tierra de acometida cuando fuese necesario.
- For back-fed main applications install: / Para aplicaciones de dispositivos principales de alimentación inversa instale el kit: HOM4RK2LA.
- Main lugs kit no.: / No. de accesorio de las zapatas principales: QOL125.
- Extended neutrals shown are for plug on neutral ready interiors. / Los neutrals extendidos que se muestran son para interiores preparados con neutro enchufable.

Load Center Accessories - Kits

HOM4RK2LA Back-fed Main Cir. Brkr. Retaining
PKSB1LA Service Entrance Barrier
HOM175SB Plug-On Surge Arrestor *
SDSA1175 1 Phase Surge Arrestor
HOM4RPGK1 Generator Interlock Kit
QOSAMR SDSA1175 Mounting Bracket
HOM1LZ/CS 1 Phase Plug-on Subfeed Lugs *
PKG7AB Equipment Ground Bar
PKG7AB Equipment Ground Bar Insulator
LK100AN Neutral Terminal Kit
14-2 AWG Al/Cu wire
QOL125 Neutral Terminal Kit
PKGFL 6-20 AWG Al/Cu wire
QOL125VD Main Lugs
Door Lock Kit
4/0 Lug Kit

 Two single poles, one plug on space or may use one single pole. One two pole requires two spaces.

* May plug on two adjacent spaces.

Torque Note: When interior mounting screws are loosened or removed, retighten to 35 lb-in.

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

Equipment Grounding Terminals

Assembled in US with US & Foreign Parts QGH65176

QO/Homeline Accessories



PSDS

Table 59 - Circuit Identification Stickers

Load Center	Cat. No.	Usage Information
QO and Homeline	PSDS	Circuit identification stickers for use on cover directory labels to identify branch circuits



QO1SE

Table 60 - Cover Sealing Strap

Load Center	Cat. No.	Usage Information
QO	QO1SE	Provides means of sealing trim mounting screws on QO load center covers



PK8FL

Table 61 - Door Lock Kits

(Available for indoor load centers. Two keys provided with each lock kit.)		
Load Center	Cat. No.	Usage Information
QO	PK8FL ¹²³	Use with QO612L100DF/S, QO612L100DFCU/SCU, QO612L100DTF/S, QO816L100DF/S, QO816L100DFCU/SCU, QO816L100DTF/S, QO48M30DSGP, or QO48M60DSGP
QO and Homeline	PK6FL	Use with convertible mains, 1Ø and 3Ø 100–225 A, and fixed mains, 3Ø 125–225 A indoor load centers
QO	PK4FL	Use with 300 and 400 A indoor load centers



PK6FL



PK4FL

Table 62 - Filler Plates

(Fast to install, snap-in type)		
Load Center	Cat. No.	Usage Information
QO	QOFP	Use on QO load center cover to fill unused branch circuit breaker opening
QO and Homeline	QOM1FP	Fills main circuit breaker opening in convertible load center covers 100–125 A
	QOM2FP	Fills main circuit breaker opening in convertible load center covers 150–225 A
QO	QO2FP	Fills main circuit breaker opening in Q style 3Ø load center covers (S03 Series)
Homeline	HOMFP	Use on Homeline load center cover to fill unused branch circuit breaker opening



QOFP



QO2P



HOMFP

123. QO403L60NF/S does not have provisions for a field-installed lock.