

125–225 A Solar Ready Plug-on Neutral All-in-Ones



SC2040M200PS



SC3042M200PS



SC3042M225PF

Table 12 - Homeline Solar Ready PoN All-In-Ones (1Ø3W–120/240 Vac Rainproof–UL Listed)

Cat. No.	Rating (A)	Bus Bar Rating (A)	Bypass Type	Service (Type of Feed)	SCCR (kA)	Service Disconnect(s)		Load Center and Branch Circuit Breakers ⁽⁸¹⁾				Hub Type ⁽⁸¹⁾	Line side Main Lugs AWG/kcmil (Al/ Cu)	Service Ground Lug AWG/kcmil (Al/Cu)
						2P Circuits	Type (Factory installed except where noted)	Spaces	Circuits	Tandems	Rating (A) Max.			
Ring Type, Homeline														
Surface Mount Only														
SC2040M200PS ⁽⁸²⁾	200	225	None	OH/UG	22	1	QOM2200VH	20	40	20	200	A-L	4–250	8–2/0
SC3042M200PS ⁽⁸²⁾							QOM2200VH	30	42	12				
SC42M200PS ⁽⁸²⁾							QOM2200VH	42	42	0				
Semiflush Mount Only														
SC2040M125PF ⁽⁸²⁾	125	225	None	OH ⁽⁸³⁾ /UG	22	1	QOM2125VH	20	40	20	110	A-L	4–250	8–2/0
SC2040M200PF ⁽⁸²⁾	200	225	None	OH ⁽⁸³⁾ /UG	22	1	QOM2200VH	20	40	20	200	A-L	4–250	8–2/0
SC3042M200PF ⁽⁸²⁾				OH ⁽⁸³⁾ /UG		1		30	42	12				
SC3042M225PF ⁽⁸²⁾	225	225	None	OH ⁽⁸³⁾ /UG	22	1	QOM2225VH	30	42	12	200	A-L	4–250	8–2/0

⁽⁸¹⁾ Order separately.

⁽⁸²⁾ Meets EUSERC requirements.

⁽⁸³⁾ Suitable for OH service with addition of tunnel kit SCTKP20. Check with local utility for approval and order separately.

Wiring Diagram Label Sample

SQUARE D ALL - IN - ONE

COMBINATION SERVICE ENTRANCE SOLAR READY DEVICE
CUSTOMER OWNED SERVICE EQUIPMENT

CAT. NO. SERIES

SC3042M200PF

M02

RAINPROOF TYPE 3R SEMI-FLUSH ENCLOSURE
PLACE BUILDING PAPER OR FLASHING OVER
THE FLANGE

MAINS 200A MAX.

BUS RATING 225A MAX.

200A MAX UTILITY RATING

SEE SERVICE DISCONNECT FOR RATING

120/240 V., 1Ø - 3 W.

METER SOCKET RATED 225A (200A CONTINUOUS).

SUITABLE FOR UNDERGROUND SERVICE.

SUITABLE FOR OVERHEAD SERVICE WHEN

TUNNEL KIT IS INSTALLED.

**SUITABLE FOR USE WITH 75°C COPPER
OR ALUMINUM LINE CONDUCTORS**

SEE BRANCH BREAKERS FOR BRANCH WIRE
RATINGS.

BRANCH BREAKER LOAD CONDUCTORS	MAX WIRE (AWG/kcmil)	MAX BRANCH BREAKERS
LEFT SIDE WITHOUT TUNNEL	300 Cu/Al	200A
LEFT SIDE WITH TUNNEL	#2 Cu	110A
	#2 Al	90A
RIGHT SIDE	#2 Cu	110A
	#2 Al	90A

TO DISCONNECT ALL LOAD CONDUCTORS FROM
THE SUPPLY CONDUCTORS, TURN OFF CIRCUIT
BREAKER HANDLE MARKED SERVICE DISCONNECT.

LINE TERMINALS SUITABLE FOR NO. 4 AWG TO
250kcmil WIRE

TORQUE NOTE: WHEN MAIN BREAKER
CONNECTOR MOUNTING NUTS ARE LOOSENED
OR REMOVED, RETIGHTEN TO 75 LB-IN TORQUE

**TURNING OFF THE PARALLEL ENERGY SOURCE
DISCONNECT DOES NOT DE-ENERGIZE THIS PANEL.**
TURN OFF POWER FROM ALL SOURCES SUPPLYING
THIS EQUIPMENT BEFORE WORKING INSIDE.

ACCESSORIES

ALL UNUSED NEUTRAL TERMINALS MAY BE USED
FOR TERMINATING EQUIPMENT GROUNDING
WIRES. WHEN SEPARATE GROUNDING BAR KIT IS
REQUIRED, ORDER CAT. NO. PK15GTAL OR
PK15GTAL

A NEUTRAL LUG KIT IS REQUIRED FOR
TERMINATION OF NO. 3 AWG OR LARGER
CONDUCTOR ON PANELBOARD NEUTRAL BAR.
ORDER KIT SEPARATELY.

CATALOG NO.	WIRE RANGE (AWG)	BRANCH BREAKER
LK7BAN	14-4 Cu 12-2 Al	75A
LK100AN	6-2/0 Cu/Al	125A
LK25ANHOM	#4-300 Cu/Al	200A

WHEN 5TH JAW KIT IS REQUIRED ORDER CAT. NO. 5J
WHEN OVERHEAD SERVICE ENTRANCE IS
REQUIRED, ORDER TUNNEL KIT CAT. NO. SCTKP30

CONDUIT	1-1/4"	1-1/2"	2"	2-1/2"	3"
ADAPTER PLATE	AAP	AAP	AAP	AAP	AAP
AND HUB	A150	A150	A200	A250	A300
OR HUB ASSY			A200L	A250L	A300L

ORDER KIT CAT. NO. SCF1RAINCAP AND INSTALL
ON THE TOP ENDWALL WHEN USED AS
TEMPORARY SITE SERVICE EQUIPMENT

FOR REPLACEMENT PARTS CONTACT THE LOCAL
SQUARE D SALES OFFICE

**SUITABLE FOR CONNECTION TO UTILITY INTERACTIVE
EQUIPMENT IN ACCORDANCE WITH ARTICLE 705 OF THE
NATIONAL ELECTRICAL CODE AND NFPA 70. ORDER
SOLAR READY SUBFEED LUG KIT CAT. NO. SR6064AF**

SHORT CIRCUIT CURRENT RATING.

22,000 RMS SYMMETRICAL AMPERES AT 120/240 V
MAXIMUM WITH TYPE QOM2 SERVICE
DISCONNECT (WITH 22,000A INTERRUPTING
RATING) AND TYPES HOM, HOMP, HOMA OR HOMT
BRANCH CIRCUIT BREAKERS (WITH 10,000A
INTERRUPTING RATING) NOT INCLUDED IN
SHORT-CIRCUIT CURRENT RATING

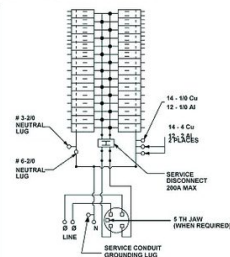
ADDITIONAL OR REPLACEMENT BRANCH CIRCUIT
BREAKERS MUST HAVE AN INTERRUPTING RATING
EQUAL OR GREATER THAN THAT OF THE CIRCUIT
BREAKER WITH THE LOWEST INTERRUPTING
RATING PRESENTLY INSTALLED. REPLACEMENT
SERVICE DISCONNECT MUST HAVE AN
INTERRUPTING RATING EQUAL TO OR GREATER
THAN SERVICE DISCONNECT PRESENTLY
INSTALLED

MEETS EUSERC SPECIFICATIONS

**SUITABLE ONLY FOR USE AS SINGLE
PHASE 3-WIRE RESIDENTIAL SERVICE
EQUIPMENT**

SUITABLE FOR USE AS TEMPORARY SITE SERVICE
EQUIPMENT WHEN TEMPORARY SERVICE
ACCESSORY KIT CAT. NO. SCF1RAINCAP PLUS THE
INSTALLATION OF A UL LISTED WEATHERPROOF
OUTLET BOX AND COVER CONTAINING A
RECEPTACLE THAT IS PROVIDED WITH GROUND
FAULT CIRCUIT PROTECTION FOR PERSONNEL

MOUNT AT LEAST 24 INCHES (610mm) ABOVE
GROUND LEVEL. CONSULT LOCAL UTILITY FOR
MINIMUM METER MOUNTING HEIGHT



ONE SINGLE POLE, ONE PLUG ON
SPACE TYPE HOM OR HOMP ONLY. TWO
POLE TYPE HOM OR HOMA (110-125A)
MAY PLUG ON TWO ADJACENT SPACES.
TWO POLE TYPE HOMA (150-200A) MAY
PLUG ON FOUR ADJACENT SPACES.

TOTAL CIRCUIT BREAKER HANDLE
RATING NOT TO EXCEED 160A PER
BRANCH CIRCUIT CONNECTOR.

TWO SINGLE POLE, ONE PLUG ON
SPACE TYPE HOMT. ONE SINGLE POLE
TYPE HOM OR HOMP, TWO POLE TYPE
HOMT OR HOM (15-100A) MAY PLUG ON
TWO ADJACENT SPACES.

USE 15-100A BRANCH BREAKERS ONLY.

TOTAL CIRCUIT BREAKER HANDLE
RATING NOT TO EXCEED 160A PER
BRANCH CIRCUIT CONNECTOR.

A SQUARE D UL LISTED SECONDARY SURGE
ARRESTER MAY PLUG ON TWO ADJACENT
SPACES, ORDER CATALOG NO. HOMZ175SB.

USE ONLY SQUARE D TYPES HOM, HOMP, HOMA
OR HOMT BRANCH CIRCUIT BREAKERS. QOM2
SERVICE DISCONNECT AND REPLACEMENT PARTS
WITH THIS PRODUCT.



HANDLE AT MID POSITION SHOWS BREAKER IS
TRIPPED. TO RESET, MOVE HANDLE TO "OFF"
POSITION, THEN TO "ON" POSITION.

REMOVE TWISTOUTS ONLY AS NEEDED WHEN
CIRCUITS ARE INSTALLED.

CLOSE UNUSED CIRCUIT BREAKER OPENINGS
WITH FILLER PLATES, ORDER CAT. NO. HOMFP.
EACH FILLER PLATE CLOSURES ONE POLE CIRCUIT
BREAKER OPENING.

LUG TORQUE DATA.

SEE CIRCUIT BREAKERS AND FIELD INSTALLED
UNITS FOR WIRE BINDING SCREW TORQUES.

LINE LUGS (PHASE AND NEUTRAL)	WIRE RANGE (AWG / kcmil)	TORQUE (LB.-IN)
	4-250 Cu / Al	250
SERVICE CONDUIT GROUNDING LUG	14-2/0 Cu 12-2/0 Al	50

NEUTRAL LUGS FOR TERMINATION OF # 3 AWG OR LARGER CONDUCTORS

WIRE RANGE (AWG)	TORQUE (LB.-IN)
14 - 1/0 Cu	50
12 - 1/0 Al	50
14 - 4 Cu	50
12 - 2 Al	50
# 6-2/0 Cu / Al	50
# 3-2/0 Cu / Al	50

BRANCH NEUTRAL AND EQUIPMENT GROUND BAR	TORQUE (LB.-IN)
WIRE RANGE (AWG)	
6 - 4 Cu / Al	35
6 Cu / Al	25
14-10 Cu 12-10 Al	20
EQUIPMENT GROUND COMBINATIONS	
WIRE RANGE (AWG)	TORQUE (LB.-IN)
THREE 14 OR 12 Cu	25
THREE 12 OR 10 Al	25

SQUARE D

MADE IN MEXICO

67

MTR13099

- Number of circuits maximum
- Enclosure catalog number
- Service equipment marking
- Voltage ratings
- Amperage rating

- Alternate wiring diagram for All-In-One

- All-In-One accessories

- Short circuit ratings

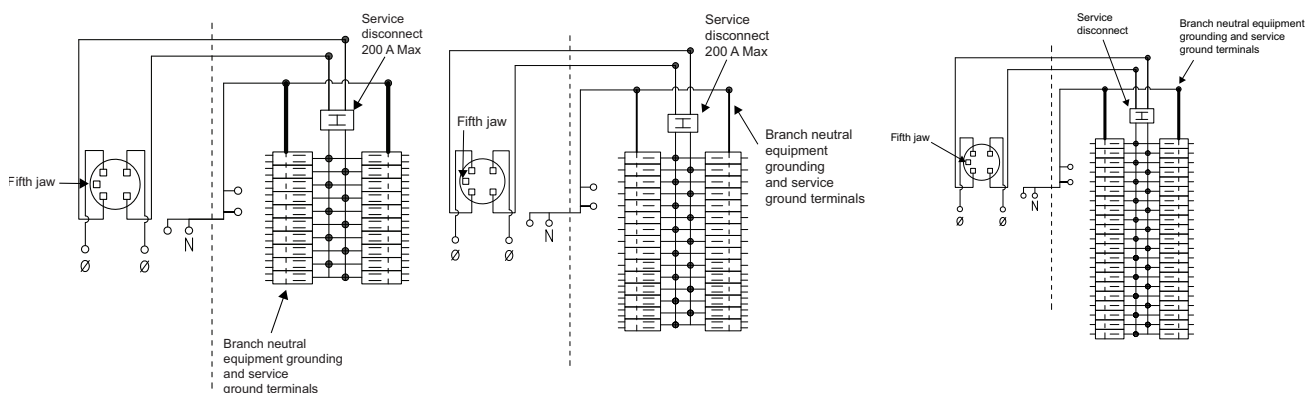
- Square D circuit breakers that may be used in this meter main

- Wire range for lug torque data table

- Plant code
- Label part number

Solar Ready Plug-on Neutral (PoN) All-in-One Wiring Diagrams

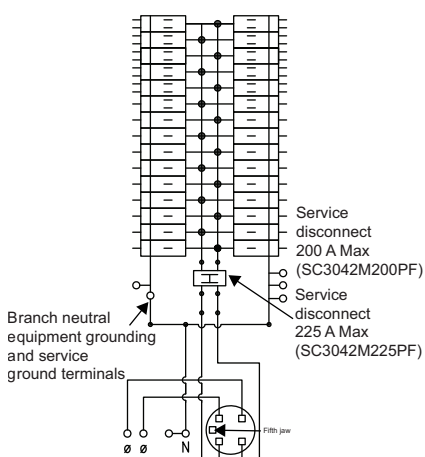
NOTE: See each catalog number's associated technical drawing online for additional wiring diagram details.



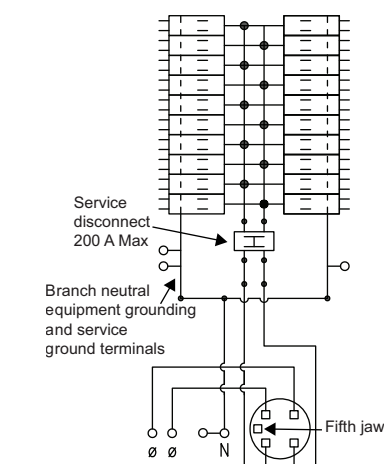
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SC2040M200PS

Cat. No.
SC3042M200PS

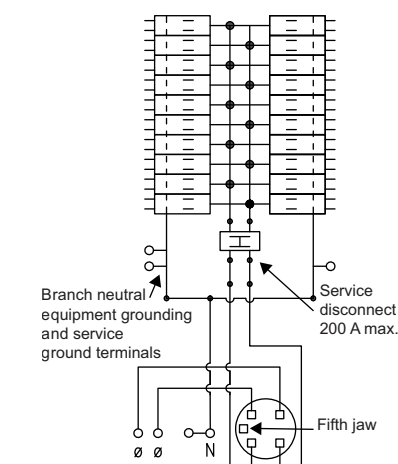
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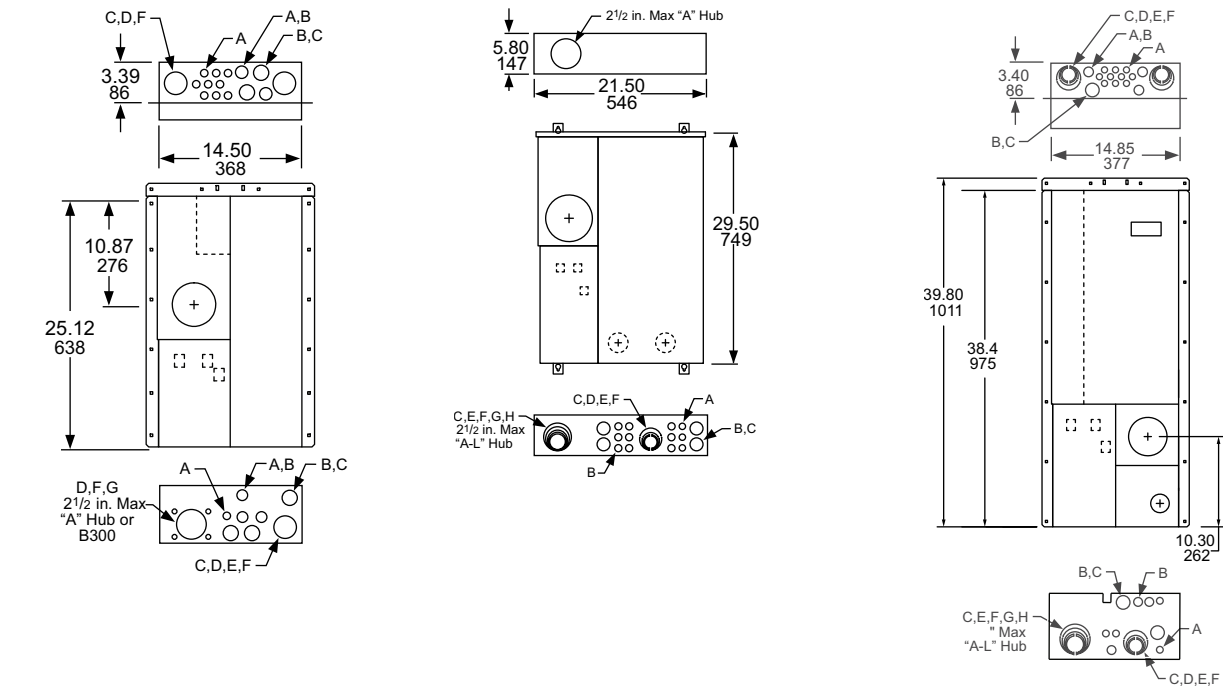
Cat. No.
SC3042M200PF
SC3042M225PF



Cat. No.
SC2040M125PF



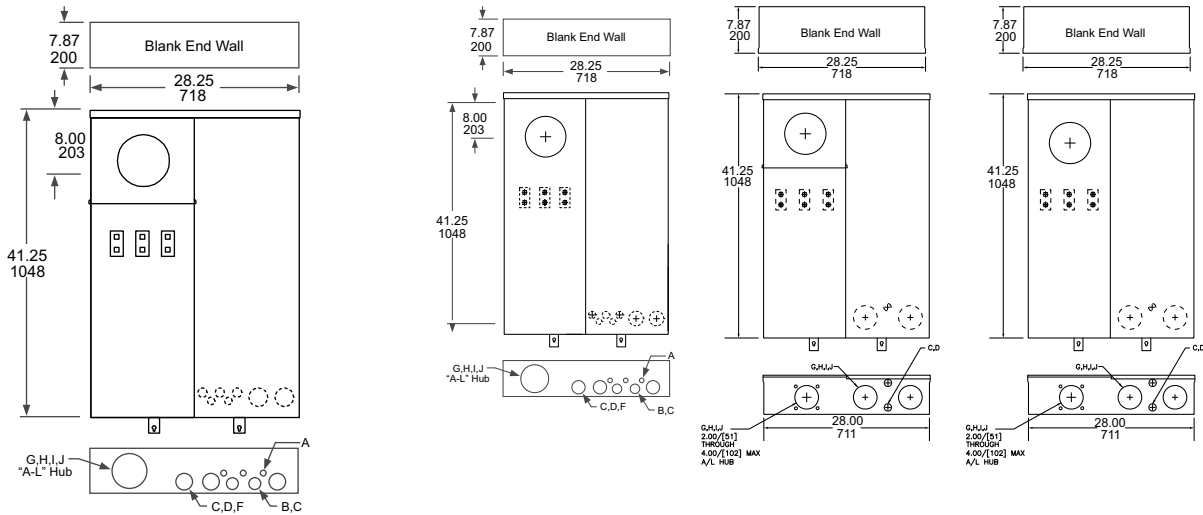
Cat. No.
SC2040M200PF



Cat. No.
SC8L125F (Shown)
SC1624M100F
SC1624M125F

Cat. No.
SC2040M200PS (Shown)
SC12L200S
SC816F200PS
SC42M200PS (37.30)
SC3042M200PS (32.12)

Cat. No.
SC2040M200PF (Shown) (38.40)
SC816F200PF (38.40)
SC2040M125PF (38.40)
SC3042M200PF (42.60)
SC3042M225PF (42.60)



Cat. No.
SU2040D300PCB (Shown) (85)
SU2040D300PFB (86)
SU2040D400PCB (86)
SU2040D400PFB (86)
SU2040D400PCN (85)

Cat. No.
QU816D400PSL (Shown)
QU816D400PCL (85)
QU816D400PCLX (85)

Cat. No.
CUM400CB (85)

Cat. No.
QUM400CL (85)

(85) Unit supplied with blank top endwall (factory-installed) for surface mount installation. For semi-flush installation, install flange kit FK400 (order separately). Kit includes replacement top endwall (with knockouts) and flanges.

(86) Unit supplied with semi-flush top endwall factory installed and semi-flush flanges factory included.

General Information and Application Data

Table 13 - Circuit Breakers for use with Meter Mains and All-in-One Devices

Rat- ing (A)	HOM, 1P	HOM, 2P	QO 1P	QO 2P	QO -VH 1P	QO -VH 2P	QOM1 -VH 2P	QOM2 -VH 2P	QDL 2P
	Cat. No. (DE2A)	Cat. No. (DE2A)	Cat. No. (DE2A)	Cat. No. (DE2A)	Cat. No. (DE2A)	Cat. No. (DE2A)	Cat. No. (DE3D)	Cat. No. (DE3D)	Cat. No. (DE2A)
10	—	—	QO110	—	—	—	—	—	—
15	HOM115	—	QO115	—	QO115VH	—	—	—	—
20	HOM120	—	QO120	—	QO120VH	—	—	—	—
25	HOM125	—	QO125	—	QO125VH	—	—	—	—
30	HOM130	HOM230	QO130	QO230	QO130VH	QO230VH	—	—	—
35	—	HOM235	QO135	QO235	—	—	—	—	—
40	HOM140	HOM240	QO140	QO240	—	QO240VH	—	—	—
45	—	HOM245	QO145	QO245	—	—	—	—	—
50	HOM150	HOM250	QO150	QO250	—	QO250VH	QOM50VH ⁽⁸⁹⁾	—	—
60	—	HOM260	QO160	QO260	—	QO260VH	QOM60VH	—	—
70	—	HOM270	QO170	QO270	—	QO270VH	QOM70VH	—	QDL22070
80	—	HOM280	—	QO280	—	QO280VH	QOM80VH	—	QDL22080
90	—	HOM290	—	QO290	—	QO290VH	QOM90VH	—	QDL22090
100	—	HOM2100	—	QO2100	—	QO2100VH	QOM100VH	QOM2100VH	QDL22100
110	—	HOM2110	—	QO2110	—	QO2110VH	QOM110VH	—	QDL22110
125	—	HOM2125	—	QO2125	—	QO2125VH	QOM125VH	QOM2125VH	QDL22125
150	—	HOM2150BB	—	QO2150	—	QO2150VH	—	QOM2150VH	QDL22150
175	—	HOM2175BB	—	QO2175	—	QO2175VH	—	QOM2175VH	QDL22175
200	—	HOM2200BB	—	QO2200	—	QO2200VH	—	QOM2200VH	QDL22200
225	—	—	—	—	—	—	—	QOM2225VH	—

NOTE:

The VH stands for "very high". It refers to the interrupt rating (AIC), which is 22 kAIC, as opposed to the standard 10 kAIC.



HOM115



HOM2125



QO120



QO245



QO115VH



QO260VH



QOM125VH



QOM2200VH



QDL22200

⁽⁸⁷⁾ For additional interrupting rating circuit breakers, order circuit breaker prefix QBL at 10 kA, QGL at 65 kA or QJL at 100 kA.

⁽⁸⁸⁾ Do not exceed mains rating of device.

⁽⁸⁹⁾ Reference National Electrical Code Article 230-79.

Accessories and Hubs

Hubs

Square D equipment with NEMA 3R rainproof construction, utilizes hubs listed below. Hubs are suitable for use with conduit having ANSI standard taper pipe thread.

A: type hubs are supplied with four 12–24 x 3/4 in. slotted hex-washer head screws.

A–L: type hubs are supplied with four 1/4– 20 x 1/2 in. slotted screws. An adapter plate is required to allow use of A hubs on A-L size hub openings: catalog number AAP.

B: type hubs will accept 3/4 through 2 1/2 in. conduit sizes 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. B300 and B400 are designed for mounting in field cut opening. Includes gasket and four mounting bolts and nuts.

Table 14 - Hubs

Hub Series	Conduit Size (inches)	Cat. No.
Closing Plate for A Hub opening		ACP
A	1	A100
	1.25	A125
	1.5	A150
	2	A200
	2.5	A250
Adapter plate to allow use of A Hubs on A–L size hub openings		AAP
Closing Plate for A–L Hub opening		ACPL
A-L	2	A200L (90)
	2.5	A250L
	3	A300L
	3.5	A350L
	4	A400L
Closing Plate for B Hub opening		BCAP
B	0.75	B075
	1	B100
	1.25	B125
	1.5	B150
	2	B200
	2.5	B250
B300	3	B300



A125



A200L



AAP



ACP

(90) Supplied with AAP adapter plate and "A" hub.

Series A Hubs

Equipment with provisions for A Hubs:

- Individual Meter Sockets, Class 4131
- Horizontal Ganged Meter Sockets, Class 4121
- Combination Service Entrance Devices, Class 4119/4120

Bolt-on hub supplied with four 12–24 x 3/4 inch slotted hex-washer head screws.

Table 15 - Series A Hubs

Hub Catalog Number	Conduit size (in.)	A		B	
		in.	mm	in.	mm
A100	1	0.94	24	0.44	11
A125	1.25	1	25	0.44	11
A150	1.5	1.25	32	0.5	13
A200	2	1.5	38	0.5	13
A250	2.5	1.69	43	0.44	11

Series A – L Hubs

Equipment with provisions for A-L Hubs:

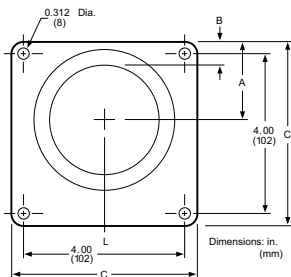
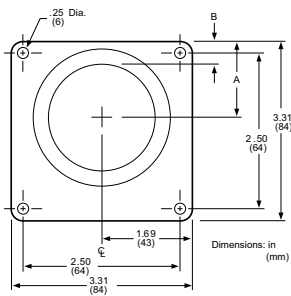
- Individual Meter Sockets, Class 4131
- Horizontal Ganged Meter Sockets, Class 4121
- Combination Service Entrance Devices, Class 4119/4120

Bolt-on hub supplied with four 1/4-20 x 1/2 inch slotted screws.

Adapter plate required to allow use of A hubs on A-L size hub openings: catalog number AAP.

Table 16 - Series A – L Hubs

Hub Catalog Number	Conduit size (in.)	A		B		C	
		in.	mm	in.	mm	in.	mm
A200L	2	1.94	49	0.94	24	4.63	118
A250L	2.50	2	51	0.88	22	4.63	118
A300L	3	2.13	54	0.63	16	5.00	127
A400L	4	2.5	64	0.5	13	5.00	127



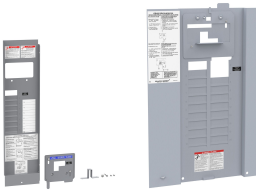
QO/Homeline CSED Accessories



SRKUGMM

Table 17 - Solar Ready Kits Field-installable Lug Kit Enabling a Supply-Side Source Connection in Accordance with NEC 705.11

Catalog Number	Description
SR69064AF (91) (92)	Solar Ready Kit for Type SC semiflush mounted Solar ready devices (includes lugs and replacement UL67 barrier)
SR69064AS (91) (92)	Solar Ready Kit for Type SC surface mounted solar ready devices (includes lugs and replacement UL67 barrier)
SRKUGMM (91) (92)	Solar Ready Kit for UG 200 A max. meter mains CU/QU48, CU/QU816, SU/RU48, and SU/RU816



RUSUGK

QCGK3

Table 18 - Generator Circuit Breaker Interlock kit Interlocks Main Service Disconnect and Generator Circuit Breaker (Order Separately)

Catalog Number	Description
RCGK2 (92)	Homeline CSED devices RC816F, RC2040M, SO2040M containing suffix C or CH
QCGK3 (91)	QO CSED Devices QC816F, QC2442M containing suffix C or CH
RUSUGK (92)	Homeline SU/RU48 and SU/RU816 - 200 A max. meter mains
QUCUGK (91)	QO CU/QU48 and CU/QU816 - 200 A max. meter mains



29007

Table 19 - Meter Socket Cover Plate Used to Help Inside of Meter Socket Enclosures

Catalog Number	Description
29007 (92) (91)	Lexan meter socket cover plate for ring and ringless type Meter Mains and All-In-Ones
RSG4 (92) (91)	Metallic meter socket closing plate for ringless sockets



29008W

AR-P00026

Table 20 - Sealing Rings Used in Ring Type Meter Mains and All-in-Ones

Catalog Number	Description
2920910001 (92) (91)	Snap type aluminum (std.)
29008W (92) (91)	Screw type aluminum
ARP00026 (92) (91)	Snap type stainless steel



SC200F

FK400

Table 21 - Semiflush Flange Kits Convert Surface Mount to Semi-flush Mount

Catalog Number	Description
SC200F (92)	Meter Mains: SC816D150/200C and RC816D200CH All-in-Ones: SC2040M200C
FK400 (92) (91)	For ring and ringless-type Meter Mains and All-in-Ones (400 A Only)



CMEK4 LK100AN

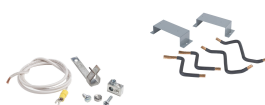
Table 22 - Lug Kits

Catalog Number	Description
CMEK4 (93) (94)	Lug Kit includes four lugs, for use with 2 AWG 600 kcmil Al/Cu conductors. Lugs are for standard two-hole mounting. Meter main and all-in-one units supplied with two studs per phase and neutral will accept one lug per phase and neutral. Not for use on 400 A devices with "K" suffix.
LK100AN (94)	Field -installed for 6–2/0 Al/Cu AWG wire. For meter main types: RC, SC, QC and all -in-one types: SC, SU, QC, RC

Table 23 - Filler PlatesFast to install, snap -in type

QOFP HOMFP

Catalog Number	Description
QOFP (94)	Use on meter main types: QC, CU and all-in-one types: QC to fill unused branch circuit breaker opening
HOMFP (93)	Use on meter main types: RC, SC and all-in-one types: SC, RC, SU to fill unused branch circuit breaker opening

Table 24 - Other Accessories

5J BMK2-Q400



MMHB OCK400

Catalog Number	Description
5J (94) (93)	Fifth Jaw Kit for meter main types: C, RC, SC, QC and all-in-one types: SC, SU (100–225 A), QC, RC, SO
BMK2Q400 (94) (93)	Branch Circuit Breaker Field Installation Kit for two Q -Frame circuit breakers (QBL, QDL, or QGL, order separately). For CUM400CB, QUM400CL or QUM400CK - includes two mounting pans, four wires.
MMHB (94) (93)	Bypass (Horn Type) for ringless type meter mains and all-in-ones (100 – 200 A) (except for RC8L125S, RC1624M100S and RC1624M125S –use RCHB).
MMLRK (94) (93)	Anti-Inversion Kit . For use ONLY on 400 A meter mains and all-in-ones with lever bypass.
OCK400 (94) (93)	Overhead feed through for 400 A ring - and ringless-type meter mains and all-in-ones.
OHBL (94) (93)	Overhead Barrier Tunnel Kit for lever bypass RC/QC devices
SCBRLLOCK (94) (93)	Barrel Lock Kit (Barrel Lock not included), supplied with bracket and mounting screw, refer to listings for where used.
PK49SP (94) (93)	Touch -up paint (ASA49 Gray)

Surge Protective Devices (SPD)

Square D Whole Home Surge Protection blocks the voltage spikes at the load center, providing downstream protection for all your connected devices. Square D Surge Protective Devices have been developed based on decades of expertise and industry-leading technology, making it a trusted brand among homeowners and electrical contractors alike.

How do you decide which device is best for your home? Consider the following when working with your electrical contractor.

Table 25 - Load Center and CSED Surge Protective Devices

Cat. No.	Description	Surge Current per Phase (kA)
1 phase - 3 wire		
QO2175SB	QO Surgebreaker	22.5
HOM2175SB	HOM Surgebreaker	22.5
SDSA1175	1Ø3W —120/240 V Compact SPD	36
QO250PSPD	QO Plug -on Neutral SPD	50
HOM250PSPD	HOM Plug -on Neutral SPD	50
HEPD25	Surge Arrest Whole Home Electronic Protection	25
HEPD50	Surge Arrest Whole Home Electronic Protection	50
HEPD80	Surge Arrest Whole Home Electronic Protection	80
SDSB80111	Surgebreaker Plus (all -in-one protection for appliances, Ethernet, and telephone)	80



Table 26 - Load Center and CSED Surge Protective Devices (Mounting Kits)

Cat. No.	Description	Surge Current per Phase
QOSAMK	SDSA1175 Mount Kit	—
HEPD25MKF	HEPD25 Flush Mount Kit	—
HEPD58MKF	HEPD50 and HEPD80 Flush Mount Kit	—





QO250PSPD

HOM250PSPD

Whole Home Surge Protection

Plug-on Neutral SPD for QO (QO250PSPD) and Homeline (HOM250PSPD)

Use – QO250PSPD for QO load centers, combination devices (CSEDs) and NQ panelboards. HOM250PSPD for Homeline load centers and combination devices (CSEDs)

Feature – Plug-on Neutral connectivity, no wiring needed

Installation Flexibility – NEMA 1 (Indoor)

Surge Current Capacity – 50 kA

Standards – UL Listed 1449, 4th Edition and CSA Certified

Warranty – 5 Year / \$50,000 connected equipment limited warranty



SDSA1175

Hard-Wire Whole House Surge Protective Device (SDSA1175)

Use – Suitable for Use in Service Entrance locations: Meets Requirements of NEC Article 280

Feature – Coordinated Fuse Technology

Installation Flexibility – NEMA 4X (Indoor & Outdoor)

Surge Current Capacity – 36 kA

Standards – UL Listed 1449, 4th Edition and CSA Certified

Warranty – 2 Years



QO2175SB

HOM2175SB

Surgebreaker for QO (QO2175SB) and Homeline (HOM2175SB)

Use – QO2175SB for QO load centers, combination devices and NQ panelboards. HOM2175SB for Homeline load centers and combination devices

Installation Flexibility – NEMA 1 (Indoor)

Surge Current Capacity – 22.5 kA per phase

Standards – UL Listed 1449, 4th Edition and CSA Certified

Warranty – 3 year / \$10,000 connected equipment limited warranty



HEPD25

Home Electronics Protective Device (HEPD25, HEPD50, HEPD80)

Use – Small, affordable whole house surge suppression that can easily be mounted to Square D and competitors load centers

Installation Flexibility – NEMA 4X (Indoor & Outdoor). Easy-to-install, optional flush mount kit for a professional look when installed in a finished wall (HEPD25MKF, HEPD58MKF)

Surge Current Capacity – 25 kA (HEPD25), 50 kA (HEPD50) and 80 kA (HEPD80)

Standards – UL Listed 1449, 4th Edition and CSA Certified

Warranty – 3 Year / \$30,000 (HEPD25) or 3 Year / \$50,000 (HEPD50) or 5 Year / \$75,000 (HEPD80) connected equipment limited warranty



SDSB80111

Surgebreaker Plus Whole House Surge Protector (SDSB80111)

Use – Mounts directly to any load center from any manufacturer

Feature – Removable modules (cable, Ethernet, and telephone) allow quick and easy installation customizing

Installation Flexibility – NEMA 1 (Indoor)

Surge Current Capacity – 80 kA

Standards – UL Listed 1449, 4th edition

Warranty – 5 Year / \$100,000 connected equipment limited warranty