

Does your utility require a single handle main circuit breaker disconnect?

Give them what they want.

Square D® 400 A single meter main combination service entrance devices

Markets requiring a single main disconnect now have meter main solutions that complement the current Square D 400 A dual main products. The 400 A single meter main is available in three meter socket configurations, including a Class 320 with manual (link) bypass, Class 320 lever bypass and a K-base configuration. The Square D 400 A, 120/240 Vac, single phase, three-wire meter main product line utilizes a single 400 A maximum main circuit breaker.

The factory-installed 400 A “DG” main circuit breaker service disconnect has dual load terminations per phase, which can feed a downstream 400 A panelboard or dual load centers based on product application requirements. In addition, the device accommodates an optional circuit breaker mounting kit for field-installation of two Q-Frame (200 A maximum) branch circuit breakers used as mains for two downstream load centers. These devices have short circuit current ratings for use on systems up to 65 k AIC.

The Type 3R enclosure’s design is ideal for surface mounting, underground feed or overhead feed with an optional overhead feed trough. The device can be field-converted for semi-flush underground service applications using the flange mounting kit, which offers three mounting depth options.

Features

- Factory-installed 400 A maximum, DGP36400E20LH with adjustable trip single main circuit breaker
- System applications up to 65 k AIC available fault current
- Three meter socket configurations available:
 - Class 320 four-jaw with manual (link) bypass, ring cover with pull section cover
 - Class 320 lever bypass five-jaw with ringless cover
 - K-base, K4 bolt-in with ringless cover
- Combination surface/semi-flush with flange kit FK400, Type 3R enclosure
- NEMA lug pads for line and neutral service terminations
- Optional kit BMK2Q400 for field installation of two Q-Frame branch circuit breakers (200 A maximum each)
- Overhead service trough accessory OCK400 for surface mount applications requiring overhead feed



Product standards

- All units are built per ANSI C12.7, NEMA PB-1, UL standards 50, 67 and 414 and are listed in file number E-6294
- These units meet Federal Specification W-P-115C for government housing



Make the most of
your energySM

Schneider
Electric



FK400 Flange Mounting Kit

Three different semi-flush mounting depths

- Semi-flush kit can be installed to accommodate either 3-1/2, 4-1/2 or 5-1/2 in. stud walls
- Various mounting depths also help conceal larger service entrance conduit
- Dimension from flange to front of device is 2-1/4, 3-1/4 or 4-1/4 in., depending on location chosen for mounting flanges
- Top endwall knockouts behind flange are provided for branch wiring exit
- Side flanges run the full length of the enclosure



OCK400 Overhead Feed Through

Overhead service trough accessory

- Converts devices designed to only accommodate underground services for maximum application flexibility
- Trough is the same height and depth as the 400 A Combination Service Entrance Device (CSED) units
- Cover is installed without screws and secured by a stainless steel latch at the bottom
- Surface mount wire trough is located to the left side of the CSED unit and is adjacent to the utility pull section
- Knockout in side wall of trough aligns with knockout provided in CSED pull box side wall (customer furnished box coupler and/or conduit as required)

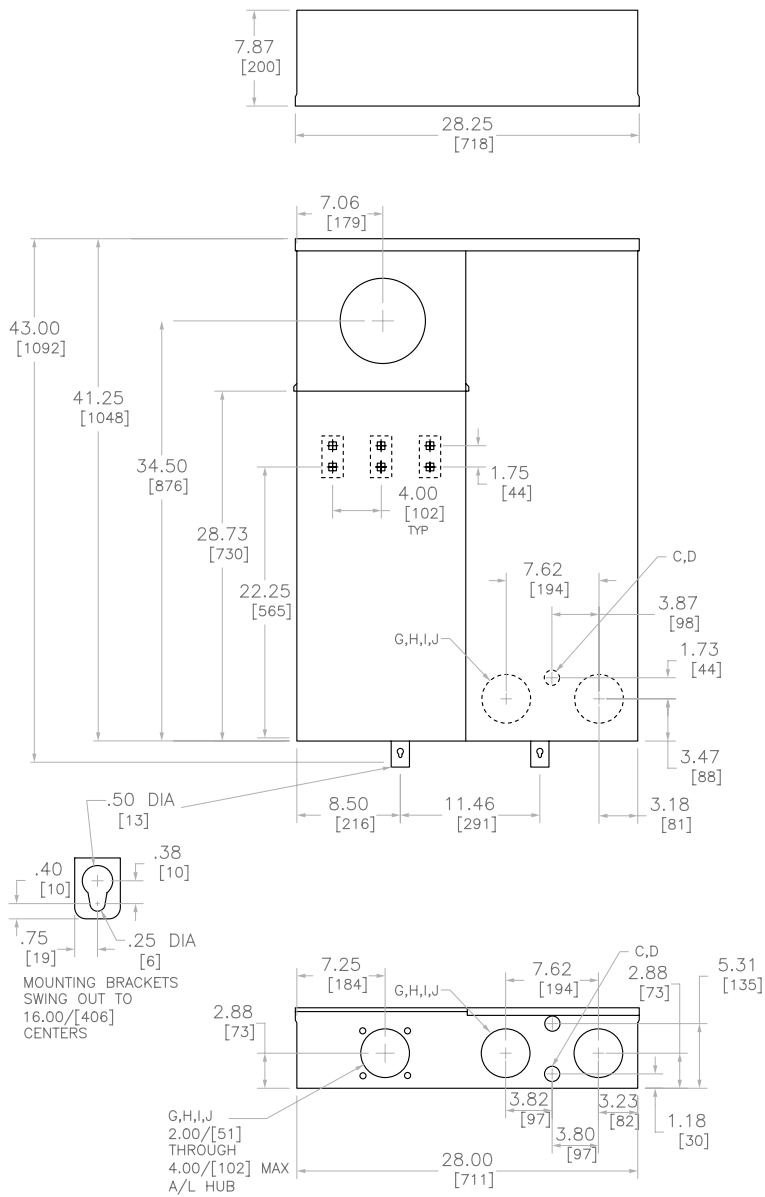


BMK2Q400 Circuit Breaker Mounting Kit

BMK2Q400 circuit breaker mounting kit

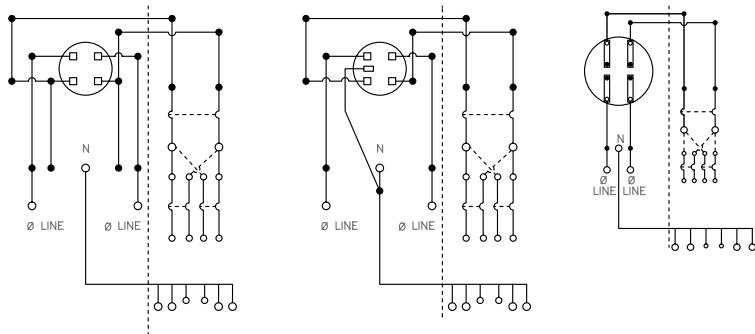
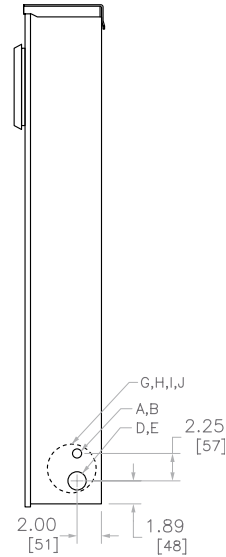
- Mounting kit is used for field-installation for two Q-Frame circuit breakers (order separately)
- Includes two mounting pans, wires, pan mounting hardware and instructions
- Installation requires moving the neutral and ground lugs
- Q-Frame circuit breaker information, two-pole, 200 A maximum
 - QBL – 10 kA
 - QDL – 25 kA
 - QGL – 65 kA

Dimensional diagram



Knockouts		
Symbol	Conduit size	
	in	mm
A	0.50	13
B	0.75	19
C	1.00	25
D	1.25	32
E	1.50	38
F	2.00	51
G	2.50	64
H	3.00	76
I	3.50	89
J	4.00	102

Dimensions
in [mm]



Class 320 with Manual Bypass

Lever Bypass

K-Base

Ordering information

Single Meter Main Devices

Catalog number	Meter socket/cover type	UPC code	Weight (lbs.)
CUM400CB	Class 320 with manual (link) bypass with ring cover	7 85901 53954 4	115
QUM400CL	Class 320 lever bypass meter socket with ringless cover	7 85901 61150 9	120
QUM400CK	K4 bolt-in meter base with ringless cover	7 85901 85484 5	123

Optional Accessories

Catalog number	Description	UPC code	Weight (lbs.)
C MELK4	Mechanical lug kit (includes four lugs, #2AWG-600 kcmil Al/Cu)	7 85901 07423 6	2
BMK2Q400	Branch circuit breaker field-installation kit for two Q-Frame circuit breakers	7 85901 81656 1	7
FK400	Semi-flush mounting kit for field-installation	7 85901 29883 0	12.69
O CK400	Overhead feed through	7 85901 34453 7	27.22

Schneider Electric - North American Operating Division

1415 S. Roselle Road
Palatine, IL 60067
Tel: 847-397-2600
Fax: 847-925-7500