

Represented by:

Metra Associates, Inc.
1020 Newport Center Drive West
Deerfield Beach, FL 33442

Phone: (800) 329-5555
(954) 428-4444
Fax: (954) 428-4455

**Selection and Application Guide
For use in Florida**



meter mounting EQUIPMENT

Landis & Gyr Meter Mounting Devices

Siemens Energy & Automation, Inc.
3333 Old Milton Parkway
Alpharetta, GA 30005

LANDIS & GYR

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SEA Order No. RPSA-LG008-1104 New 1M0605PG Printed in USA



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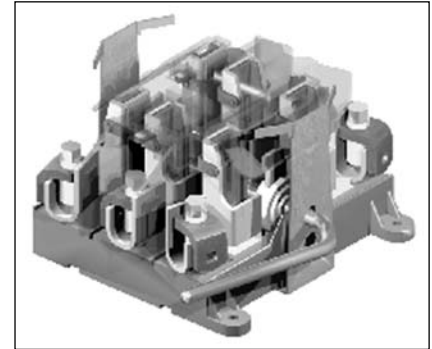


The Standard for Quality

For more than 50 years, Landis & Gyr has been manufacturing high quality meter mounting devices. From our proprietary K-Base to our heavy duty HQ lever bypass socket, Landis & Gyr is known throughout the industry for innovation and quality.

Landis & Gyr meter sockets are built for safety, ease of installation, and long term quality. That's why we use stainless steel hardware, polyester powder coat paint for long lasting protection, and Type G-90 galvanized steel or 3003 grade aluminum for all of our enclosures. It's also why we use an all-copper current path in our commercial sockets. All of this adds up to why utilities, OEM's, and contractors recognize Landis & Gyr across the country as the leader in design, quality, and workmanship. Quality is the reason many utilities and electricians specify Landis & Gyr.

Landis & Gyr- the standard for quality and design.



HQ-7 Block Assembly - The Standard for Quality

General Information

Materials:

16 gauge, galvanized steel, G-90
14 gauge, galvanized steel, G-90
14 gauge, aluminum
12 gauge, aluminum

Enclosures:

NEMA 3R

Finish:

Steel - Light gray, baked on powder polyester
Aluminum - Mill finish

Latches:

All swing latches are stainless steel

Block Material:

AS/AT, CQ, HQ, K-4 and K-7 - Glass reinforced polyester

Terminals:

AS/AT - Tin-plated aluminum extrusions 6061-T6
CQ, HQ, - Tin-plated copper

Standards:

Products cataloged herein meet or exceed the following standards:
UL 486B, UL 414, NEMA 250, ANSI C12.7 Florida Meter Group requirements

Voltage:

All devices are rated at 600V AC
Type K-4 rated at 300V AC



Meter Socket Terminology

Maximum and Continuous Ampacity

UL and NEMA standards allow most electrical devices to be tested at one amp level ("continuous"), then allowed 125% rating as "maximum". For example, a "400 Amp" socket may either mean 400 Amps continuous (K-4) or 400A Max, 320A continuous which is also made by most competitors.

Wire Sizes - Ampacity

Connectors accept a fairly wide variety of wire sizes. On the AT socket, a 350 MCM connector accepts conductors from #6 up to 350 MCM. The NEC specifies the ampacity of each wire size and type, also taking into account how the wire is installed in conduit.

Lay-in & Stud Terminals

Lay-in terminals are fixed and may not be modified in the field to accept other wire sizes or parallel conductors. Stud terminals accept either lugs (see Product Schedule 497) or compression fittings (not available from Landis & Gyr). Common uses for studs include where the field wiring may be either single or parallel. Terminals may be mixed on the line and load sides, e.g. stud on the line and lay-in on the load side.

Ringless/Ring Style

Ring-type is an older, vanishing concept requiring a sealing ring. Landis & Gyr recently added tooling to build this type of socket for the few remaining utilities that require them. In ringless design, the seal is made not on a sealing ring but using the cover and "swing latch" as the point of sealing.

Overhead/Underground

These terms refer to the approved entry location of the service conductors for the socket. An Overhead (OH) only socket is rated to accept the line side service conductors from the top only. An underground (UG) only socket is rated to accept the line side service conductors from the bottom only. Sockets for underground service are usually wider in order to provide space for the conductors to loop around the block to the top connectors. The added material for the width of an underground enclosure usually makes them more expensive. Combination sockets are rated for overhead and underground (OH/UG) use. These sockets may or may not include a cover-plate. If one is not included it will be required if a combination socket is used for underground service.

Hubs and Cover Plates

Most sockets have a hub opening at the top. Sockets without a hub opening are listed as having a "blank" top.

Hub openings have a flanged lip to keep out moisture and eliminate the need for gaskets. There are two sizes of openings: the RX or small opening for conduit hubs with sizes of 1", 1-1/4", 1-1/2", 2", and 2-1/2"; the HD or large opening for conduit hubs with sizes 3", 3-1/2", and 4". Cover plates in aluminum and steel are available for both RX and HD size openings. See Landis & Gyr Product Schedule 499 for full details. Landis & Gyr hub openings conform to ANSI specifications and are interchangeable with other socket manufacturers, but are not interchangeable with panel board or load-center hubs.

Bypass Types

A self contained meter completes the circuit between the utility and the customer. If the meter needs to be removed or changed for any reason the circuit must be broken which turns off power to the customer. This is not acceptable for many commercial establishments and other types of services. A bypass allows for an alternate & unmetered parallel path for the current flow while the meter is pulled. Current bypass types are:

- a) Lever-operated jaw release, also known as jaw clamping lever bypass (Landis & Gyr type HQ). This type requires the bypass to be engaged to install the meter. After disengaging the bypass the socket clamps on the meter. This is the best current solution since the meter cannot be accidentally pulled unless the bypass is engaged. If the meter were to be pulled without the bypass in place with high voltage or a load in place then it could act as a switch and could cause a dangerous arc.
- b) Lever operated non-jaw release (Landis & Gyr type CQ). This type has a lever to bypass the meter, but the meter may be removed with the bypass engaged or dis-engaged.
- c) Horn Bypass (optional on residential sockets). This type has tangs attached or included in the connector design on the line and load connectors. Utility personnel could then fit jumper leads over the tangs to bypass the meter prior to removing the meter from the socket.
- d) Manual Bypass There are various types of manual bypass based on the type of socket the bypass has to be used in. A manual bypass usually uses separate "links" which are bolted or plugged into place depending on the type of socket. The Landis & Gyr K base design (Types K4, K5, & K7) uses links that are clamped onto special studs before the meter is removed. K base links are for use by the utility company only. Residential sockets can be bypassed manually by the use of "jumpers" which are links that are plugged into place.
- e) Other types: other types of bypasses not made by Landis & Gyr include slider, plunger, screw-type, and automatic circuit closers.



Q & A Product Sheets

Q. How can I find a missing “lug” for a (Catalog No. _____) meter socket?

- A. If the socket is a residential type, the customer usually needs the nut/screw assembly that clamps the wire into place in a lay-in style connector. There are different types of nut/screws. You will need to determine the catalog number of the device, and if it is to be used on the line side, load side or neutral. With a commercial device, the customer may look for a ground lug or mechanical lug for a stud type meter socket. In these cases the customer should contact a technical support person, or refer to the specification sheet for the correct lug.

The customer may mistake the number, that is stamped on the part, (e.g. “6T0350”) as the catalog number. This is actually the wire size that is stamped into the nut/screw assembly for a HQ style device. “6 TO 350” refers to the wire size range of the connector.

Q. How can I find a replacement insulator, block, or porcelain/ceramic insulator?

- A. First, determine the catalog number of the device. After the device has been identified you can then inquire if it is “left hand or right hand”, and if it is used on a side wired device or a multi-position gang socket. On standard residential sockets, the right and left hand blocks are identical, and are mounted in a mirror image of each other.

Q. What size hub can I use on a RX or HD hub opening?

- A. A RX style hub opening will accept a 1” to 2-1/2” hub. A HD style hub opening will accept a 3” to 4” hub.

Q. How can I permanently close the meter opening of my meter socket without a meter in place?

- A. A round black plastic disk (Catalog No. 39968) is available. It is located between the meter socket block assembly and the meter socket cover. The cover holds the disk into place. This is used on residential and most commercial sockets that have embossed meter openings in the socket cover.

Q. What do I use to close the meter opening, and also permanently jumper the meter socket so that the end user still gets power, although unmetered?

- A. For all devices with jaws, use jumper (Catalog No.36479). Two jumpers are needed for a single phase device and three for a three phase device.

Q. What if I need an isolated neutral?

- A. Some applications require the neutral connection to be isolated or insulated. Isolated neutral kits are available for CQ and HQ (Catalog No. 64685-1) and K-7 devices (Catalog No.69685-1).

Q. What if I need a 5th Jaw or 5th Terminal?

- A. Residential sockets (type UAXXXX) use two different types of field installable 5th terminals. Catalog No. 659-0121 for a grounded 5th terminal is most commonly used. Use Catalog No. 659-0120 when the 5th terminal does not need to be grounded. The 5th terminal for a HQ device (Catalog No. 35815-2) is in the form of a polycarbonate, safety shield with the 5th terminal located in the 9 o’clock position.

Q. What lugs should I use for a particular meter socket?

- A. Lugs are included on most residential devices. A limited number of residential devices are available with stud connections. Commercial devices (HQ, CQ, K Base) have either the lug as an integral part of the socket (200amp HQ only) or have 3/8” or 1/2” stud connections. The catalog page for each commercial device with stud connections includes a list of recommended lugs. Lugs with an opening size of 13/32” are for 3/8” studs and lugs with an opening of 9/16” are for 1/2” studs. Lugs should be chosen based on the size and number of conductors being pulled to the socket. Some lugs are for specific types of sockets (K Base or HQ). Please refer to the accessories page for more details.



Q & A Product Sheets

Q. What is the voltage rating for Landis & Gyr meter sockets?

- A. All meter sockets manufactured by Landis & Gyr are rated for up to 600 volts, with the exception of type K-4, which is rated at 300 volts.

Q. What material is used for the Landis & Gyr meter socket enclosures?

- A. Landis & Gyr uses type G-90 galvanized steel and aluminum for its enclosures. Pedestals used in Chicago use G-210 steel.

Q. What type of finish is applied to the enclosures?

- A. Landis & Gyr has a high quality reputation for its gray, baked on polyester powder coat, which is long lasting and withstands salt spray testing. Aluminum enclosures are normally supplied unpainted, but can be supplied with the same polyester coating as used on steel.

Q. What rating do Landis & Gyr meter socket enclosures carry?

- A. Landis & Gyr enclosures have a NEMA type 3R rating.

Q. Are Landis & Gyr meter sockets UL listed?

- A. Landis & Gyr offers all of its product lines with the UL listing. On occasion, we supply special devices that are not UL listed, to utilities that do not require the UL label.

Q. What label information can be found on the inside of the meter socket?

- A. Every Landis & Gyr meter socket has a white information label, approximately 2-1/2" x 4" in size. It is located on the upper left hand inside wall of the enclosure. This label contains the following information: Catalog Number, Socket Type (UAT4, HQ-7U etc.), Number of Terminals (jaws), Continuous/Maximum Amperage, Voltage Rating, Service (single phase or three phase), Short Circuit Withstand Rating, Other UL Information, Included lay-in connector sizes or recommended lugs if stud type, Conduit Hub Kit Options and Accessories, where the device is manufactured and the date it was manufactured.

Q. How do I find the production date code for a Landis & Gyr meter socket?

- A. The date code is printed towards the center of the bottom of the interior label. The date code will specify the month and year the socket was manufactured.

Q. What is the difference between 320 Amp sockets with 3/8" studs and those with 1/2" studs?

- A. Landis & Gyr was the pioneer of class 320 metering. Originally it was believed that a socket with heavy duty connectors and jaw assemblies were needed to withstand this "high" amperage. Landis & Gyr introduced the HQ-D type block which features heavy plated copper connectors and 1/2" studs for mounting mechanical lugs. After receiving requests for a lighter-duty socket Landis & Gyr introduced the HQ-S type block. This block features the same heavy-duty connectors, but has 3/8" studs for mounting the mechanical lugs. Check with your local utility to see which block style is preferred.

Q. What is an anti-inversion clip?

- A. The anti-inversion clip (Catalog No. 59676) is a specially formed wire that is inserted into the upper right hand jaw of a 320A meter socket. The purpose of the clip is to disallow a 200A meter to be inserted into the 320A meter socket. Class 320 meters are built with a narrow blade that will fit into a jaw that has the anti-inversion clip installed. The anti-inversion clip also restricts a class 320 meter from being inserted upside down.



Q & A Product Sheets

Q. What type of information can I find in the Landis & Gyr catalog?

- A. Landis & Gyr publishes two types of catalogs. Our general catalog has Product Schedules containing detailed information for each type of product Landis & Gyr manufactures. Product Schedule #400 outlines the complete product offering and guides the user to the correct Product Schedule based on criteria such as: electrical service, form of meter being used, number of terminals (jaws), amperage, etc. Special accessories schedules near the back of the catalog show bypasses, tools, hubs and cover plates, 5th terminal kits, isolated neutral kits and ring-type socket sealing rings.

Landis & Gyr also publishes special catalogs for NEMRA trade territories, based on utility requirements. These catalogs are provided for the Contractor and Industrial (C & I) distribution market by authorized Landis & Gyr manufacturer representative organizations. These catalogs show only the products that pertain to the specific service territory. The C & I catalogs also include special accessories and lug information on the back pages. For detailed product information, customers can be referred to the corresponding Product Schedule in the general catalog.

Q. What is K-base?

- A. K-base is the term used for a special way of metering continuous amperages of 400A or higher. Before the introduction of K-base metering, which was pioneered by Landis & Gyr, all loads over 320A had to use transformer rated metering. The K-base concept employs a meter with internal transformers to accept loads of up to 600A maximum and a meter-mounting device with heavy-duty bussing that holds the meter in place with the use of bolts. K-base meters and mounting devices are available for single phase, network and three phase applications. The K-base concept is continually growing as new utilities approve its usage each year.

Q. Which socket do I choose for a 400 Amp application?

- A. There are 3 ways of metering a 400amp application. Some utilities prefer a 320amp meter socket, some prefer a 400 Amp K base, still others prefer to use current transformers. Your local utility could use one or a combination of any of these methods. Please contact your local utility prior to purchasing a socket to ensure you have the right device for your application.



135A Meter Mounting Equipment, Residential ①②③

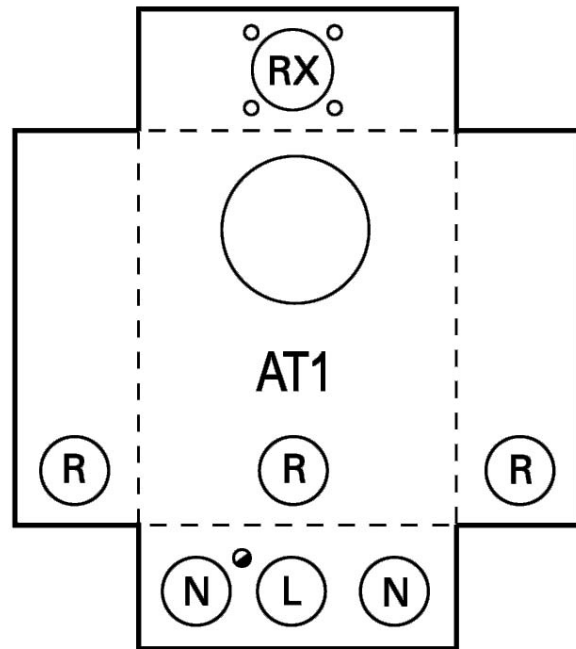
4 Terminal for 1 Phase, 3 Wire {FMG Approved}

| Cont. Amp Rating | Type | Service | Connectors Line | Conectors Load | Dimensions (inches) | | | Hub Opening | No. of Terminals | Bypass | Enclosure Material | Catalog Number |
|---|------|---------|-----------------|----------------|---------------------|------|-----|--------------|------------------|--------|--------------------|----------------|
| W | H | D | | | | | | | | | | |
| Approved for Progress Energy, FP&L, TECO and J.E.A. | | | | | | | | | | | | |
| 135 | AT1 | OH/UG | #14-2/0 | #14-2/0 | 8 | 11.7 | 3.6 | RX Cl. Plate | 4 | None | Steel | UAT111-XGF ④ |
| 135 | AT1 | OH/UG | #14-2/0 | #14-2/0 | 8 | 11.7 | 3.6 | RX Cl. Plate | 4 | None | Aluminum | UAT131-XGF ④ |

- ① All units are UL listed.
 ② All units include a quad neutral.
 ③ 5th Terminal Kit for field installation: 659-0121.
 ④ OH use only within FMG Service area.
 Accessories: Page 25.



UAT111-XGF



KNOCKOUTS (inches):

| | |
|-----|---------------------------|
| Ø: | 1/4 |
| L: | 1/2, 3/4, 1, 1-1/4, 1-1/2 |
| N: | 3/4, 1, 1-1/4, 1-1/2, 2 |
| R: | 1, 1-1/4, 1-1/2, 2 |
| RX: | Ø2.750 HUB OP |



200A Meter Mounting Equipment, Residential ①②③

4 Terminal for 1 Phase, 3 Wire {FMG Approved}

| Cont. Amp Rating | Type | Service | Connectors Line & Load | Dimensions (inches) | | | Hub Opening | No. of Terminals | Bypass | Enclosure Material | Catalog Number |
|---|------|---------|---------------------------|---------------------|------|-----|----------------|---------------------|--------|-----------------------|-------------------|
| | | | | W | H | D | | | | | |
| 200 | AT4 | OH/UG | #6-350 KCMIL | 11 | 14.8 | 4.5 | RX Opening | 4 | None | Aluminum | UAT43K-OG ④⑤ |
| Approved for Progress Energy, FP&L, TECO and J.E.A. | | | | | | | | | | | |
| 200 | AT3 | OH | #6-350 KCMIL | 8 | 14.8 | 4.5 | RX Opening | 4 | None | Steel | UAT317-0GF |
| 200 | AT3 | OH | #6-350 KCMIL | 8 | 14.8 | 4.5 | RX Opening | 4 | None | Aluminum | UAT337-0GF |
| 200 | AT4 | OH/UG | #6-350 KCMIL | 11 | 14.8 | 4.5 | RX Cl. Plate | 4 | None | Steel | UAT417-XGF |
| 200 | AT4 | OH/UG | #6-350 KCMIL | 11 | 14.8 | 4.5 | RX Cl. Plate | 4 | None | Aluminum | UAT437-XGF |
| 200 | AT4 | UG | #6-350 KCMIL | 11 | 14.8 | 4.5 | None | 4 | None | Steel | UAT417-PGF |
| 200 | AT4 | UG | #6-350 KCMIL | 11 | 14.8 | 4.5 | None | 4 | None | Aluminum | UAT437-PGF |

① All units are UL listed.

② All units are supplied with a quad neutral.

③ 5th Terminal Kit for field installation: 659-0121.

④ 1/2" starter K.O. provided on these devices.

⑤ Device not FMG approved.

Accessories: Page 25.



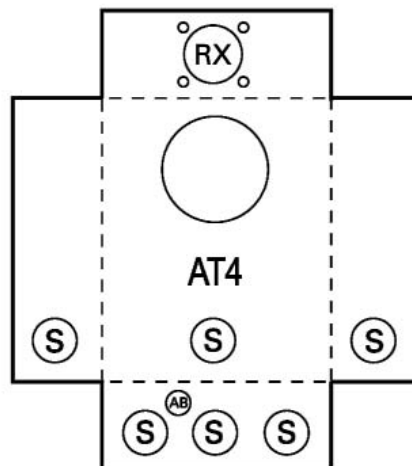
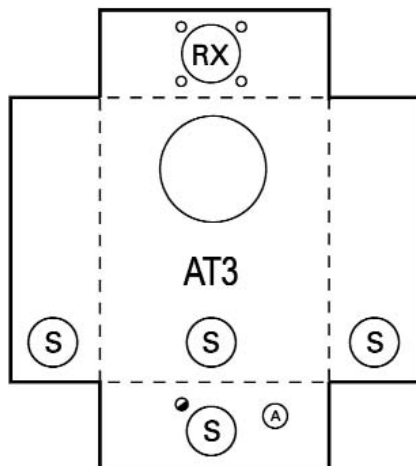
UAT317-0GF



UAT417-0GF

KNOCKOUTS (inches):

| | |
|-----|---------------------------|
| Ø: | 1/4 |
| A: | 1/2 |
| S: | 1, 1-1/4, 1-1/2, 2, 2-1/2 |
| AB: | 1/4, 1/2, 7/8 |
| RX: | Ø2.750 HUB OP |





200A Meter Mounting Equipment, Side Wired, Residential ①②③

4 Terminal for 1 Phase, 3 Wire

| Cont. Amp Rating | Type | Service | Connectors Line & Load | Dimensions (inches) | | | Hub Opening | Meter Opening | Bypass | Enclosure Material | Catalog Number |
|--------------------------------|------|---------|------------------------|---------------------|----|-----|-------------|---------------|--------|--------------------|----------------|
| | | | | W | H | D | | | | | |
| Approved for Jacksonville E.A. | | | | | | | | | | | |
| 200 | AS8 | UG | #6-350 KCMIL | 13 | 14 | 5.1 | None | Right | None | Steel | UAS877-PG |
| 200 | AS8 | UG | #6-350 KCMIL | 13 | 14 | 5.1 | None | Left | None | Steel | UAS817-PG |

① Unit is UL listed.

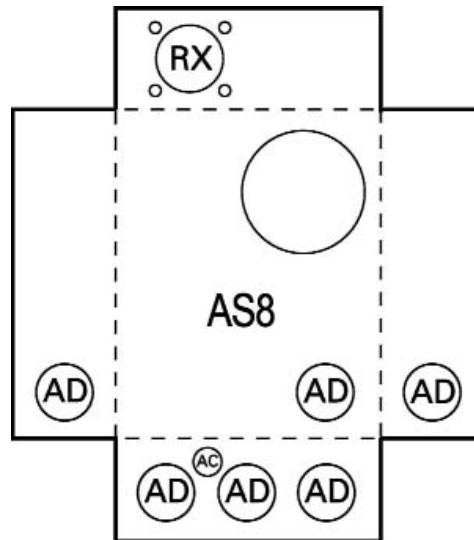
② Unit is supplied with a ground lug.

③ 5th Terminal Kit for field installation: 659-0121.

Accessories: Page 25.



UAS877-PG



KNOCKOUTS (inches):

AC: 1/4, 1/2
AD: 1-1/4, 1-1/2, 2, 2-1/2, 3
RX: Ø2.750 HUB OP

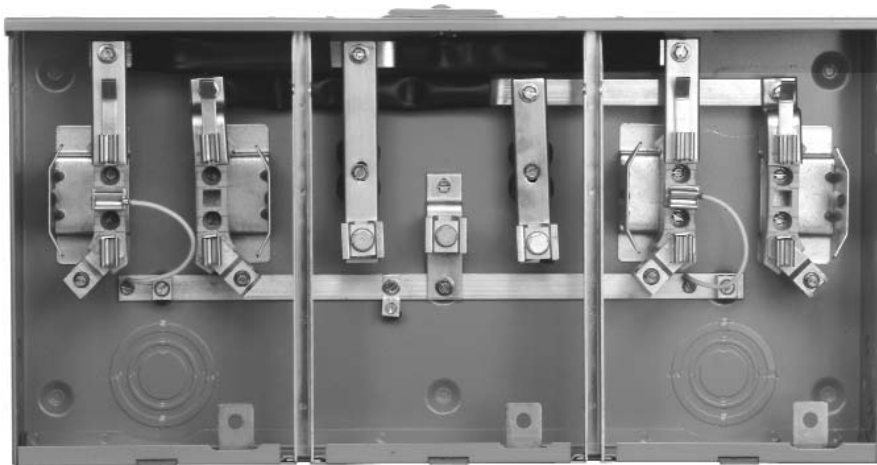


100A/150A Position Meter Mounting Equipment, Horizontal Gang Sockets, Residential ①②③

4 Terminal for 1 Phase, 3 Wire

| No. Pos. | Cont. Amp Rating | Overall Ampacity | Type | Connectors Line | Connectors Load | Dimensions (inches) | | | Hub Opening | Catalog Number |
|--|------------------|------------------|-------|-----------------|-----------------|---------------------|----|-----|-------------|----------------|
| W | H | D | | | | | | | | |
| Check with local utility prior to installation | | | | | | | | | | |
| 2 | 100 | 100 | A12-2 | #6-350 KCMIL | #14-2/0 | 24 | 12 | 4.5 | RX Opening | UA2311-0G |
| 2 | 150 | 150 | A12-2 | #6-350 KCMIL | #6-350 KCMIL | 24 | 12 | 4.5 | RX Opening | UA2313-0G |
| 3 | 100 | 135 | A12-3 | #6-350 KCMIL | #14-2/0 | 32 | 12 | 4.5 | RX Opening | UA3311-0G |
| 3 | 150 | 203 | A12-3 | #6-350 KCMIL | #6-350 KCMIL | 32 | 12 | 4.5 | RX Opening | UA3313-0G |
| 4 | 100 | 180 | A12-4 | #6-350 KCMIL | #14-2/0 | 40 | 12 | 4.5 | RX Opening | UA4311-0G |
| 4 | 150 | 270 | A12-4 | #6-350 KCMIL | #6-350 KCMIL | 40 | 12 | 4.5 | RX Opening | UA4313-0G |

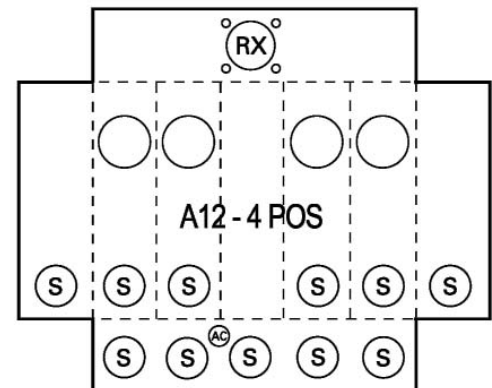
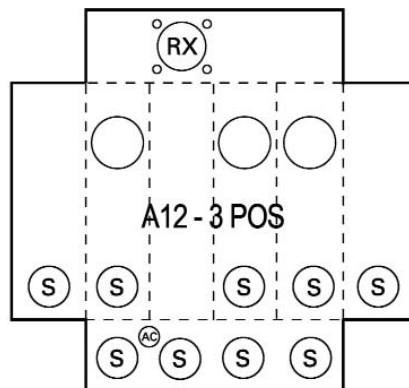
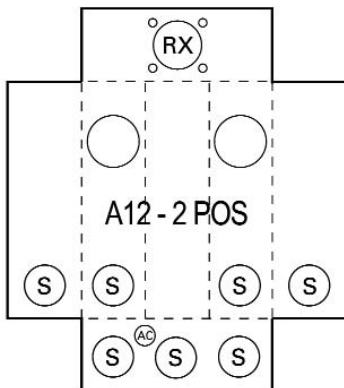
- ① All units are UL listed and are equipped with a ground lug.
 ② All sockets are suitable for either overhead or underground feed.
 ③ 5th Terminal Kit for field installation: 659-0121.
 Accessories: Page 25.



UA2311-0G with 659-0121 installed

KNOCKOUTS (inches):

S: 1, 1-1/4, 1-1/2, 2, 2-1/2
 AC: 1/4, 1/2
 RX: Ø2.750 HUB OP





200A/Position Meter Mounting Equipment, Horizontal Gang Sockets, Residential ①②③

4 Terminal for 1 Phase, 3 Wire {FMG Approved}

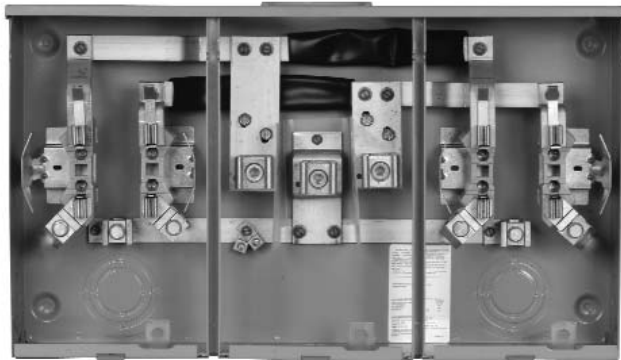
| Cont. Amp Rating | Overall Ampacity | Type | Connectors Line | Connectors Load | Dimensions (inches) | | | Hub Opening | Catalog No. Steel | Catalog No. Aluminum |
|---|------------------|-------|--------------------|-----------------|---------------------|------|------|-------------------|-------------------|----------------------|
| W | H | D | | | | | | | | |
| Approved for FP&L, Progress Energy, TECO and J.E.A. | | | | | | | | | | |
| 200 | 200 | A14-2 | #6-350 KCMIL | #6-350 KCMIL | 24 | 14.5 | 5.12 | HD Cl. Plate | UA2716-ZGF | UA2736-ZGF |
| 200 | 270 | A14-3 | #1/0-600 KCMIL | #6-350 KCMIL | 32 | 14.5 | 5.12 | HD Cl. Plate | UA3717-ZGF | UA3737-ZGF |
| 200 | 360 | A14-4 | (2) #1/0-600 KCMIL | #6-350 KCMIL | 43 | 14.5 | 5.12 | HD Cl. Plate | UA4719-ZGF | UA4739-ZGF |
| 200 | 450 | A14-5 | (2) #1/0-600 KCMIL | #6-350 KCMIL | 51 | 14.5 | 5.12 | (2) HD Cl. Plates | UA5719-MGF | UA5739-MGF |
| 200 | 528 | A14-6 | (2) #1/0-600 KCMIL | #6-350 KCMIL | 59 | 14.5 | 5.12 | (2) HD Cl. Plates | UA6719-MGF | UA6739-MGF |

① All units are UL listed.

② All sockets are suitable for either overhead or underground feed.

③ 5th Terminal Kit for field installation: 659-0121.

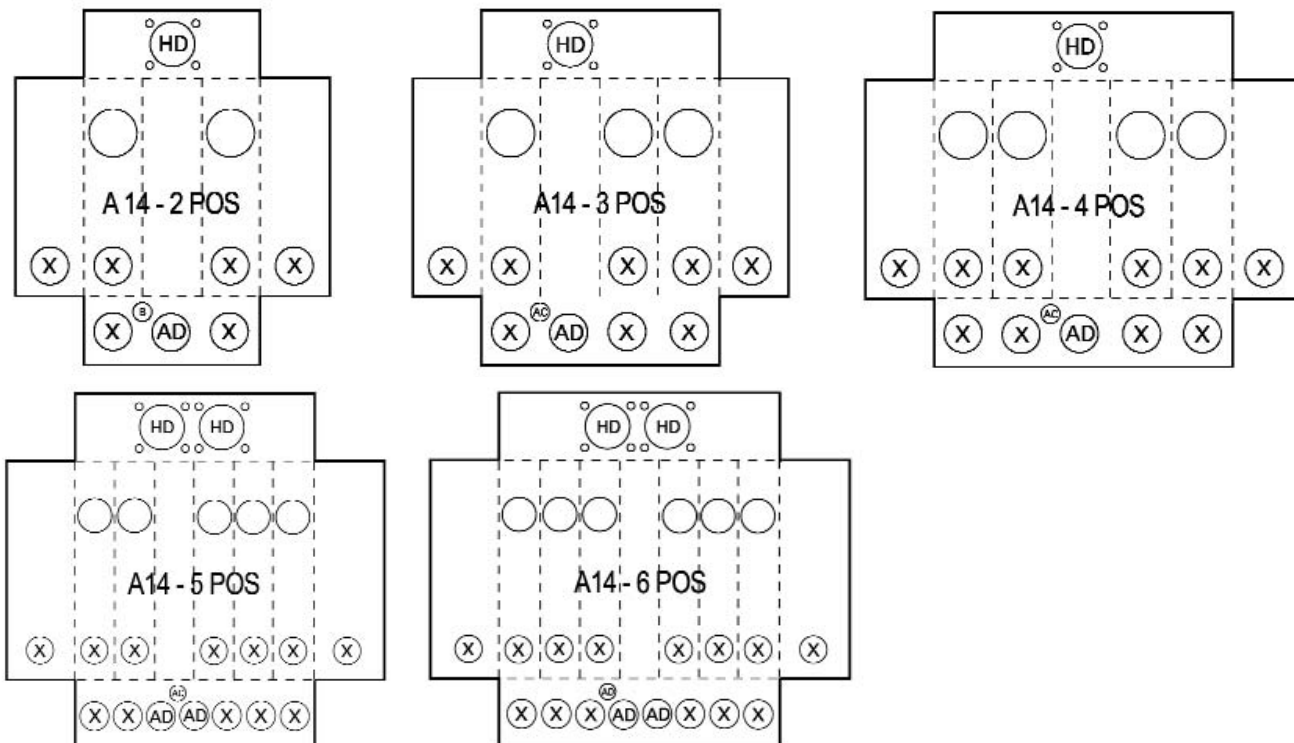
Accessories: Page 25.



UA2716-ZGF

KNOCKOUTS (inches):

B: 1/2, 3/4
X: 1-1/4, 1-1/2, 2, 2-1/2
AC: 1/4, 1/2
AD: 1-1/4, 1-1/2, 2, 2-1/2, 3
HD: Ø4.281 HUB OP





200A Multi-Position Lever Bypass Meter Mounting Equipment, Commercial ①

4, 5 and 7 Terminal for 1 Phase, 3 Wire

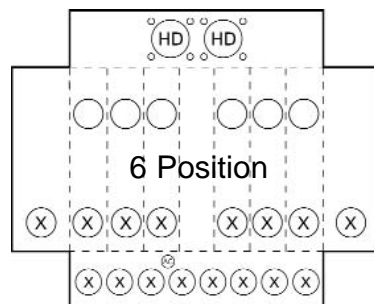
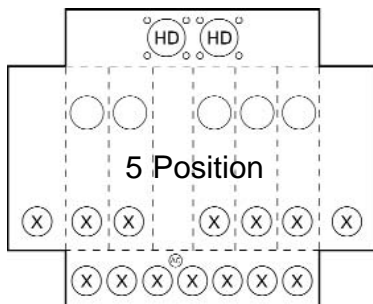
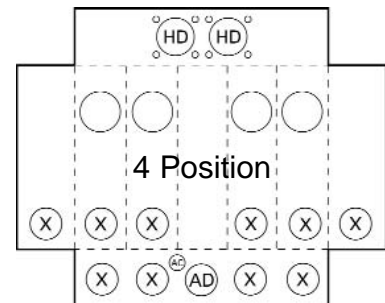
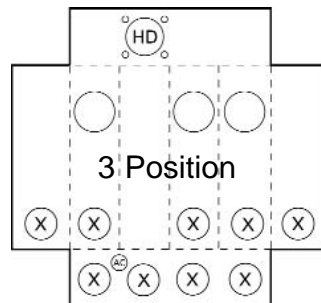
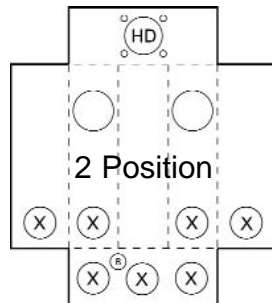
| No. of Pos. | Cont. Amp Rtg. | Overall Amps | Service | Connectors Line | Connectors Load | Dimensions (in.) W H D | | | Hub Opening | No. of Term. | Bypass ② | Encl. Matl. | Catalog Number |
|--------------------------------|----------------|--------------|---------|-------------------|-----------------|---------------------------------|------|-----|------------------|--------------|----------|-------------|----------------|
| 120/240V AC MAX 1 Phase 3 Wire | | | | | | | | | | | | | |
| 2 | 200 | 250 | OH/UG | 1/0-500 kcmil | #6-350 kcmil | 32.8 | 23.2 | 6.0 | HD Cover Pl. | 4 | Lever | Steel | 404042-01 |
| 2 | 200 | 250 | OH/UG | 1/0-500 kcmil | #6-350 kcmil | 32.8 | 23.2 | 6.0 | HD Cover Pl. | 5 | Lever | Steel | 404052-023NU ③ |
| 3 | 200 | 250 | OH/UG | 1/0-500 kcmil | #6-350 kcmil | 43.9 | 23.2 | 6.0 | HD Cover Pl. | 5 | Lever | Steel | 404053-023NU ③ |
| 4 | 200 | 300 | OH/UG | (2) 1/0-500 kcmil | #6-350 kcmil | 61.0 | 23.2 | 6.0 | (2) HD Cvr Pls. | 5 | Lever | Steel | 404054-223NU ③ |
| 5 | 200 | 300 | OH/UG | (2) 1/0-500 kcmil | #6-350 kcmil | 72.1 | 23.2 | 6.0 | (2) HD Cvr Pls. | 5 | Lever | Steel | 404055-223NU ③ |
| 6 | 200 | 410 | OH/UG | (2) 1/0-500 kcmil | #6-350 kcmil | 83.2 | 23.2 | 6.0 | (2) HD Cvr Pls. | 5 | Lever | Steel | 404056-223NU ③ |
| 600V AC MAX 3 Phase 4 Wire | | | | | | | | | | | | | |
| 2 | 200 | 410 | OH/UG | 1/0-500 kcmil | #6-350 kcmil | 32.8 | 23.2 | 6.0 | HD Cover Pl. | 7 | Lever | Steel | 404072-023NU |
| 3 | 200 | 500 | OH/UG | 1/0-500 kcmil | #6-350 kcmil | 43.9 | 23.2 | 6.0 | HD Cover Pl. | 7 | Lever | Steel | 404073-023NU |
| 4 | 200 | 500 | OH/UG | (2) 1/0-500 kcmil | #6-350 kcmil | 61.0 | 23.2 | 6.0 | (2) HD Cvr. Pls. | 7 | Lever | Steel | 404074-223NU |
| 5 | 200 | 620 | OH/UG | (2) 1/0-500 kcmil | #6-350 kcmil | 72.1 | 23.2 | 6.0 | (2) HD Cvr. Pls. | 7 | Lever | Steel | 404075-223NU |
| 6 | 200 | 608 | OH/UG | (2) 1/0-500 kcmil | #6-350 kcmil | 83.2 | 23.2 | 6.0 | (2) HD Cvr.Pls. | 7 | Lever | Steel | 404076-223NU |



404052-023NU



404073-023NU



KNOCKOUTS (inches):

B: 1/2, 3/4
X: 2, 2-1/2, 3, 3-1/2
AC: 1/4, 1/2
HD: Ø4.281 HUB OP



125A/200A Meter Mounting Equipment, Type HQ, Commercial, Industrial ①②③④

5 Terminal for 1 Phase, 3 Wire {FMG Approved}

| Cont. Amp Rating | Type | Service | Connectors | Dimensions (inches) | | | Hub Opening | Enclosure Material | Catalog Number |
|--|---------|---------|--------------|---------------------|----|-----|------------------|--------------------|----------------|
| | | | | W | H | D | | | |
| 125 | HQ-5 | OH | #6-350 KCMIL | 10 | 17 | 5.2 | 1-1/4" Hub Inst. | Steel | 40005-B2F |
| Approved for Progress Energy, FP&L and TECO | | | | | | | | | |
| 200 | HQ-5 | OH | #6-350 KCMIL | 10 | 17 | 5.2 | RX Opening | Steel | 40005-01F ⑤ |
| 200 | HQ-5 | OH | #6-350 KCMIL | 10 | 17 | 5.2 | RX Opening | Aluminum | 41005-01F ⑤ |
| 200 | HQ-5U | OH/UG | #6-350 KCMIL | 13 | 19 | 5.1 | RX Cl. Plate | Steel | 40405-025F ⑤ |
| 200 | HQ-5U | OH/UG | #6-350 KCMIL | 13 | 19 | 5.1 | RX Cl. Plate | Aluminum | 41405-025F ⑤ |
| 200 | HQ-5SUT | OH/UG | 3/8-24 Stud | 13 | 28 | 5.1 | RX Cl. Plate | Steel | 46705-025F ⑥ |

① All units are UL listed and are supplied with ground lugs.

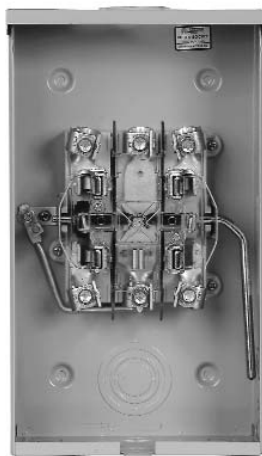
② Bypass mechanism is lever-operated, jaw pressure release with 100% bypass capacity.

③ Disconnect sleeves should not be used with these devices.

④ These units are not for use with 3 phase, 4 wire service.

⑤ 5th Terminal moved to the 9 o'clock position per FMG 06/01/05.

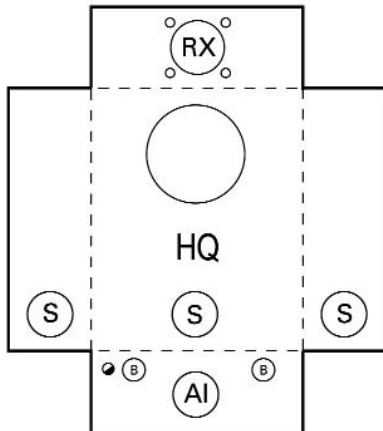
⑥ See page 24 for lug options. Use only 13/32" stud opening lugs. Accessories: Page 25.



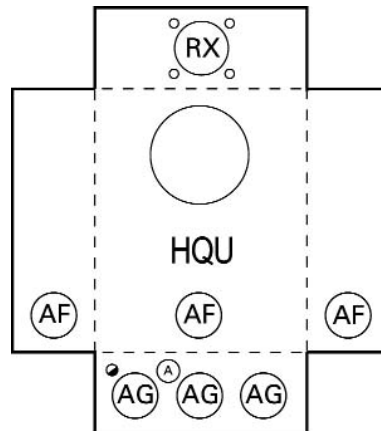
HQ-5
40005-01F



HQ-5U
40405-025F



40005-01F
41005-01F
40005-B2F



40405-025F
41405-025F
47605-025F

KNOCKOUTS (inches):

| | |
|-----|-----------------------------------|
| Ø: | 1/4 |
| A: | 1/2 |
| B: | 1/2, 3/4 |
| S: | 1, 1-1/4, 1-1/2, 2, 2-1/2 |
| AF: | 1, 1-1/2, 2, 2-1/2, 3 |
| AG: | 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 |
| AI: | 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 |
| RX: | Ø2.750 HUB OP |



200A Meter Mount Equipment, Type HQ, Commercial/Industrial ①②③

7 Terminal for Polyphase, 3 or 4 Wire, Wye or Delta {FMG Approved}

| Cont. Amp Rating | Type | Service | Connectors ⑤ | Dimensions (inches) | | | Hub Opening | Enclosure Material | Catalog Number |
|---|---------|---------|--------------|---------------------|----|-----|----------------|-----------------------|-------------------|
| | | | | W | H | D | | | |
| Approved for Progress Energy, FP&L, TECO and J.E.A. | | | | | | | | | |
| 200 | HQ-7 | OH | #6-250 KCMIL | 10 | 17 | 5.2 | RX Opening | Steel | 40007-01F |
| 200 | HQ-7 | OH | #6-250 KCMIL | 10 | 17 | 5.2 | RX Opening | Aluminum | 41007-01F |
| 200 | HQ-7U | OH/UG | #6-250 KCMIL | 13 | 19 | 5.2 | RX Cl. Plate | Steel | 40407-025F |
| 200 | HQ-7U | OH/UG | #6-250 KCMIL | 13 | 19 | 5.2 | RX Cl. Plate | Aluminum | 41407-025F |
| 200 | HQ-7SUT | OH/UG | 3/8-24 Stud | 13 | 28 | 5.2 | RX Cl. Plate | Steel | 46707-025F ④ |

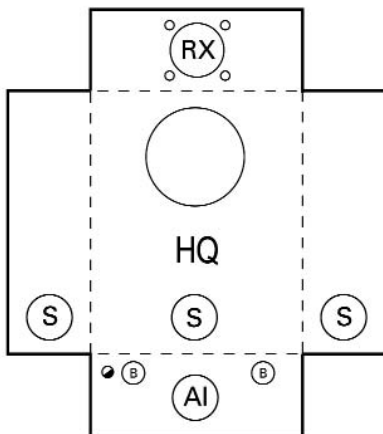
- ① All units are UL listed and are supplied with a ground lug.
 ② Bypass mechanism is lever-operated, jaw pressure release with 100% bypass capacity.
 ③ Disconnect sleeves should not be used with these devices.
 ④ See page 24 for lug options. Use only 13/32" stud opening lugs.
 ⑤ HQ and HQU have 350 KCMIL lugs - wire size limited to 250 KCMIL per FMG.
 Accessories: Page 25.



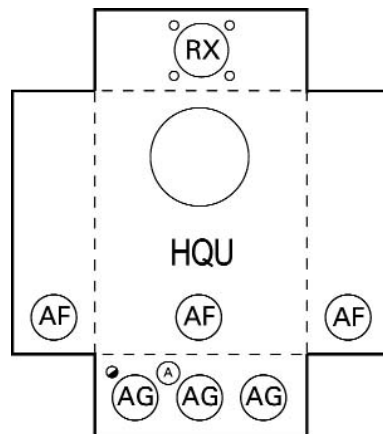
HQ-7U
40407-025F



HQ-7SUT
46707-025F



HQ-7
40007-01F
41007-01F



HQ-7U
40407-025F
41407-025F
46707-025F

KNOCKOUTS (inches):

| | |
|-----|-----------------------------------|
| Ø: | 1/4 |
| A: | 1/2 |
| B: | 1/2, 3/4 |
| S: | 1, 1-1/4, 1-1/2, 2, 2-1/2 |
| AF: | 1, 1-1/2, 2, 2-1/2, 3 |
| AG: | 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 |
| AI: | 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 |
| RX: | Ø2.750 HUB OP |



320A Meter Mounting Equipment, Type HQ, Light and Heavy Duty, Residential/Commercial/Industrial ①②③④⑤

5 Terminal for 1 Phase, 3 Wire {FMG Approved}

| Amp Rating Cont./Max. | Type | Connectors Line | Connectors Load | No. . Terminals | Dimensions (inches) W H D | Service | Enclosure Material | Hub Opening | Catalog Number |
|---|------|--------------------|--------------------|--------------------|------------------------------|---------|-----------------------|----------------|-------------------|
| Approved for FP&L, PROGRESS ENERGY, TECO & J.E.A. | | | | | | | | | |

- ① All units are UL listed and are supplied with ground lugs.
- ② Bypass mechanism is lever operated, jaw pressure release with 100% bypass capacity.
- ③ Disconnect sleeves should not be used with these devices.

- ④ 5 Terminal sockets are NOT for use with 3 phase, 4 wire service. 5th Terminal is in the 9 o'clock position.
- ⑤ Recommended lug chart below. Lugs are listed on page 24. Accessories: Page 25.

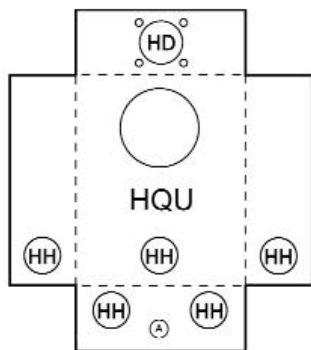
Recommended Lugs*

| Catalog Number | Parallel Conductor | Wire Range | Single Conductor | Wire Range |
|----------------|--------------------|------------------|------------------|------------------|
| 41105-02FL | 58022 | (2) #6-250 KCMIL | 60162 | #4-600 KCMIL |
| 47705-02FL | 56732 | (2) #4-250 KCMIL | 60162 | (2) #4-250 KCMIL |
| 49005-02FL | 56732 | (2) #4-350 KCMIL | 60162 | #4-600 KCMIL |
| 49105-02FL | 56732 | (2) #4-350 KCMIL | 60162 | #4-600 KCMIL |

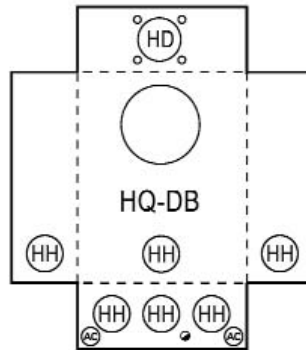
*Lugs are for recommendation only. Other combinations are available depending on number and size of conductors.

KNOCKOUTS (inches):

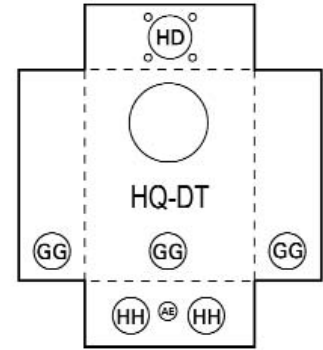
| | |
|-----|-------------------------|
| ●: | 1/4 |
| A: | 1/2 |
| AC: | 1/4, 1/2 |
| AE: | 1/4, 1/2, 3/4, 1, 1-1/4 |
| GG: | 2-1/2, 3, 3-1/2 |
| HH: | 2-1/2, 3, 3-1/2, 4 |
| HD: | Ø4.281 HUB OP |



41105-02FL



49005-02FL
49105-02FL



47705-02FL



47705-02FL



320A Meter Mount Equipment, Type HQ-Heavy Duty, Residential/Commercial/Industrial ①②③④

7 Terminal for 4 Wire, Wye or Delta {FMG Approved}

| Amp Rating Cont./Max. | Type | Connectors Line | Connectors Load | No. of Terminals | Dimensions (inches) | | | Service | Enclosure Material | Hub Opening | Catalog Number |
|---|---------|--------------------|--------------------|---------------------|---------------------|----|------|---------|-----------------------|----------------|-------------------|
| | | | | | W | H | D | | | | |
| Approved for FP&L, Progress Energy, TECO & J.E.A. | | | | | | | | | | | |
| 320/400 | HQ-7DSW | 1/2-20 Stud | 1/2-20 Stud | 7 | 20.25 | 34 | 6.18 | OH/UG | Steel | HD Cl. Plate | 44707-02FL |
| 320/400 | HQ7-DB | 1/2-20 Stud | 1/2-20 Stud | 7 | 20.25 | 34 | 6.18 | OH/UG | Steel | HD Cl. Plate | 49007-02FL |
| 320/400 | HQ7-DB | 1/2-20 Stud | 1/2-20 Stud | 7 | 20.25 | 34 | 6.18 | OH/UG | Aluminum | HD Cl. Plate | 49107-02FL |

- ① All units are UL listed and are supplied with ground lugs.
 ② Bypass mechanism is lever operated, jaw pressure release with 100% bypass capacity.
 ③ Disconnect sleeves should not be used with these devices.
 ④ Recommended lug chart below. Lugs are listed on page 25.
 Accessories: Pages 24 and 25.

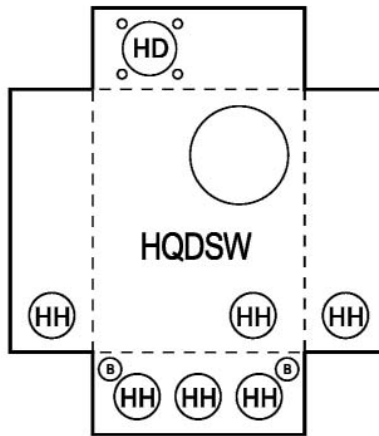
Recommended Lugs*

| Catalog Number | Parallel Conductor | Wire Range | Single Conductor | Wire Range |
|-------------------|-----------------------|------------------|---------------------|---------------|
| 44707-02FL | 56732 | (2) #4-350 KCMIL | 60162 | #4-600 KCMIL |
| 49007-02FL | 56732 | (2) #4-350 KCMIL | 60162 | #4-600 KCMIL |
| 49105-02FL | 56732 | (2) #4-350 KCMIL | 60162 | #4-600 KCMIL |

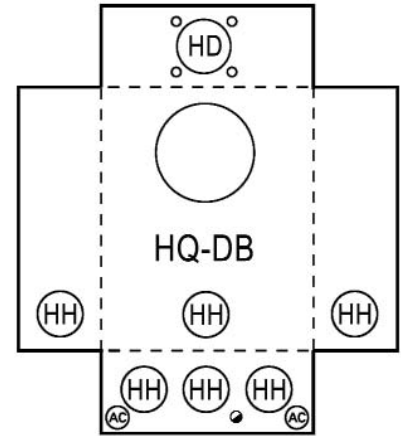
*Lugs are for recommendation only. Other combinations are available depending on number and size of conductors.



44707-02FL



44707-02FL



49007-02FL
49107-02FL

KNOCKOUTS (inches):

- : 1/4
 B: 1/2, 3/4
 HH: 2-1/2, 3, 3-1/2, 4
 HD: Ø4.281 HUB OP



Transformer Rated Meter Mounting Equipment, For Use With External CT's, Commercial/Industrial ①

| Cont. Amp Rating | Type | Service | Terminals | Dimensions (inches) | | | Hub Opening | Application | Enclosure Material | Catalog Number |
|---------------------|--------|---------|-----------|---------------------|----|-----|--------------|--------------|--------------------|----------------|
| | | | | W | H | D | | | | |
| Approved for FP&L ② | | | | | | | | | | |
| 20 | PTS-6 | OH/UG | 6 | 12 | 20 | 4.5 | RX Cl. Plate | 1 Ph, 3 Wire | Aluminum | 9837-0422 |
| 20 | PTS-6 | OH/UG | 6 | 12 | 20 | 4.5 | RX Cl. Plate | 1 Ph, 3 Wire | Steel | 9837-0423 |
| 20 | PTS-13 | OH/UG | 13 | 12 | 20 | 4.5 | RX Cl. Plate | 3 Ph, 4 Wire | Aluminum | 9837-0424 |
| 20 | PTS-13 | OH/UG | 13 | 12 | 20 | 4.5 | RX Cl. Plate | 3 Ph, 4 Wire | Steel | 9837-0425 |
| Approved for TECO ③ | | | | | | | | | | |
| 20 | PTS-6 | OH/UG | 6 | 12 | 20 | 4.5 | 1" Hub Inst. | 1 Ph, 3 Wire | Steel | 9837-0214 |
| 20 | PTS-13 | OH/UG | 13 | 12 | 20 | 4.5 | RX Cl. Plate | 3 Ph, 4 Wire | Steel | 9837-0173 |
| Progress Energy ④ | | | | | | | | | | |
| 20 | PTS-13 | OH/UG | 13 | 12 | 20 | 4.5 | RX Cl. Plate | 3 Ph, 4 Wire | Steel | 9837-0438 |
| 20 | PTS-13 | OH/UG | 13 | 12 | 20 | 4.5 | RX Cl. Plate | 3 Ph, 4 Wire | Aluminum | 9837-0439 |

① All units are UL listed.

② FP&L units come with test switch (not pre-wired) and have a one piece ringless cover.

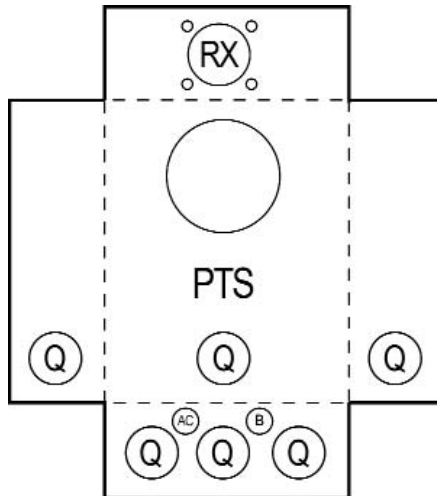
③ TECO units are pre-wired with test switch (per TECO specs) and have a two piece ring type cover.

④ Progress Energy units are pre-wired with test switch (per Progress specs) and have a two piece ring type cover. Check with Progress Energy prior to installation.

CT cabinets are available. Please contact your sales representative.



9837-0425



KNOCKOUTS (inches):

B: 1/2, 3/4
Q: 1, 1-1/4, 1-1/2
AC: 1/4, 1/2
RX: Ø2.750 HUB OP



480A Continuous/600A Maximum Meter Mounting Equipment, Type K-4, Residential/Commercial ①

4 Terminal for 1 Phase, 3 Wire

| Cont. Amp Rating | Max Amp Rating | Type | Bypass | Service | Connectors | Dimensions (inches) | | | Hub Opening | Enclosure Material | Catalog Number |
|---|----------------|-------|--------|---------|-------------|---------------------|----|---|--------------|--------------------|----------------|
| | | | | | | W | H | D | | | |
| Approved for TECO only. NOT for use with FP&L. Please consult Progress Energy ⑤ | | | | | | | | | | | |
| 480 | 600 | K-4UT | 56495③ | OH/UG | 1/2-20 Stud | 18 | 36 | 6 | HD Cl. Plate | Steel | 9810-9507 |

Required Lugs For 9810-9507 ②

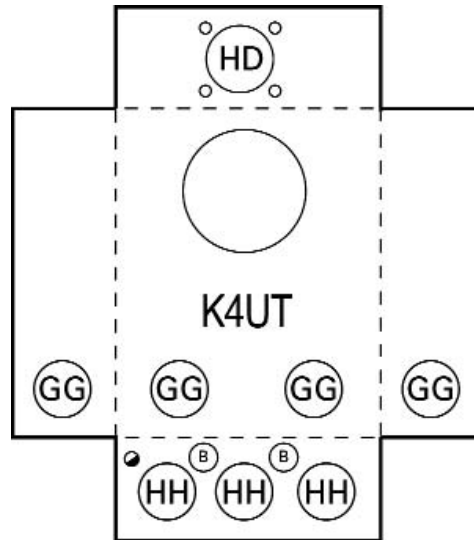
| Lug Position | Single OH/UG Lugs Catalog No. | Type ④ | Parallel OH/UG Lugs Catalog No. | Type ④ |
|--------------|-------------------------------|--------|---------------------------------|--------|
| Line | (2) 56733 | S.E. | (2) 56427-M | S.E. |
| Load | (2) 56477 | Std. | (2) 56425-M | Std. |
| Neutral | (2) 56476 | Std. | (2) 56425-M | Std. |

K4 sockets require special lugs.
Do not use any lugs not approved for use with K4 sockets.
Lugs are listed on page 24.

- ① Device is UL listed.
② See Landis & Gyr Product Schedule #497 or pages 23 and 24 of this catalog for more lug information.
③ This device uses manual bypass 56495 - normally for utility use only (2 required).
④ SE: side entry, STD: standard entry.
⑤ FP&L uses K& for 1 phase applications. Please see footnote number 4 on page 19 or 20.



K-4UT



KNOCKOUTS (inches):

| | |
|-----|--------------------|
| B: | 1/2, 3/4 |
| GG: | 2-1/2, 3, 3-1/2 |
| HH: | 2-1/2, 3, 3-1/2, 4 |
| HD: | Ø4.281 HUB OP |



400A Meter Mounting Equipment, Type K-7 ④, Residential/Commercial/Industrial ① 7 Terminal for Polyphase 3 or 4 Wire, Wye or Delta ④ {FMG Approved}

| Cont. Amp Rating | Type | Bypass ② | Service | Connectors | Dimensions (inches) | | | Hub Opening | Enclosure Material | Catalog Number |
|---|------|----------|---------|-------------|---------------------|----|---|----------------|-----------------------|-------------------|
| | | | | | W | H | D | | | |
| Approved for FP&L, TECO and Progress Energy | | | | | | | | | | |
| 400 | K-7 | 58888 | UG Only | 1/2-20 Stud | 20 | 34 | 6 | HD Cl. Plate | Steel | 9817-8061 ③ |
| 400 | K-7 | 58888 | UG Only | 1/2-20 Stud | 20 | 34 | 6 | HD Cl. Plate | Aluminum | 9817-8062 ③ |
| 400 | K-7T | 58888 | OH/UG | 1/2-20 Stud | 20 | 43 | 6 | HD Cl. Plate | Steel | 9817-8528 ③ |
| 400 | K-7T | 58888 | OH/UG | 1/2-20 Stud | 20 | 43 | 6 | HD Cl. Plate | Aluminum | 9817-8529 ③ |

① All units are UL listed.

② Optional manual bypass 58888 available, normally for utility use only (3 required).

③ Ground lug 56734 included with device.

④ K-7 and K-7T can be used for 1 phase service by using specially programmed Landis & Gyr type S-4 meter (contact utility PRIOR to installation). Connect phase conductors to left and right phase connectors. Do not wire to center phase connectors. Connect neutral conductor to neutral bar. FP&L uses K7 for 1 phase applications.

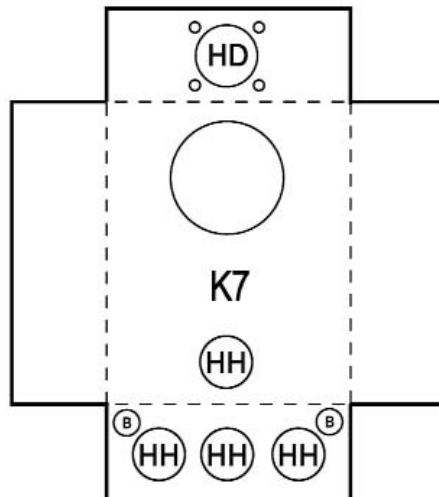
| Lug Position | Single OH Lugs | | Single UG Lugs | | Parallel OH Lugs | | Parallel UG Lugs | |
|--------------|----------------|------|----------------|------|------------------|------|------------------|------|
| | Catalog No. | Type | Catalog No. | Type | Catalog No. | Type | Catalog No. | Type |
| Line | 56476 | Std. | 58852 | S.E. | 56732 | Std. | 58853 | S.E. |
| Load | 56476 | Std. | 56476 | Std. | 56732 | Std. | 56732 | Std. |
| Neutral | 56476 | Std. | 56476 | Std. | 56732 | Std. | 56732 | Std. |

Std.: In-line lugs for end entry.

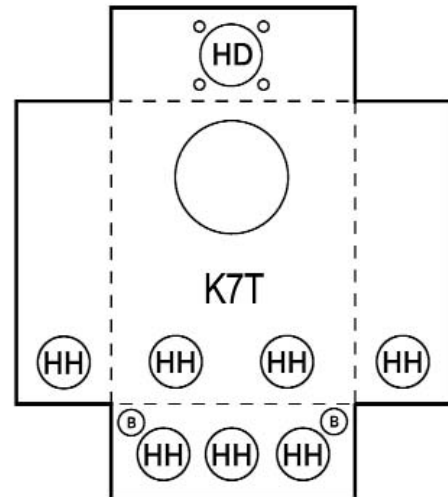
S.E.: Side entry lugs for 90° installation.



9817-8528



9817-8061
9817-8062



9817-8528
9817-8529

KNOCKOUTS (inches):

B: 1/2, 3/4
HH: 2-1/2, 3, 3-1/2, 4
HD: Ø4.281 HUB OP



480A Continuous/600A Maximum Meter Mounting Equipment, Type K-7, Residential/Commercial/Industrial ①

7 Terminal for 3 Phase, 4 Wire, Wye or Delta ④ {FMG Approved}

| Cont. Amp Rating | Type | Bypass ② | Service | Connectors | Dimensions (inches) | | | Hub Opening | Enclosure Material | Catalog Number |
|---|------|----------|---------|-------------|---------------------|----|---|-------------------|-----------------------|-------------------|
| | | | | | W | H | D | | | |
| Approved for Progress Energy, FP&L, TECO and J.E.A. | | | | | | | | | | |
| 480/600 | K-7T | 58888 | OH/UG | 1/2-20 Stud | 20 | 43 | 6 | (2) HD Cl. Plates | Steel | 9817-9526 ③ |
| 480/600 | K-7T | 58888 | OH/UG | 1/2-20 Stud | 20 | 43 | 6 | (2) HD Cl. Plates | Aluminum | 9817-9527 ③ |

① All units are UL listed.

② Optional manual bypass 58888 available, normally for utility use only (3 required).

③ Ground lug 56734 included with device.

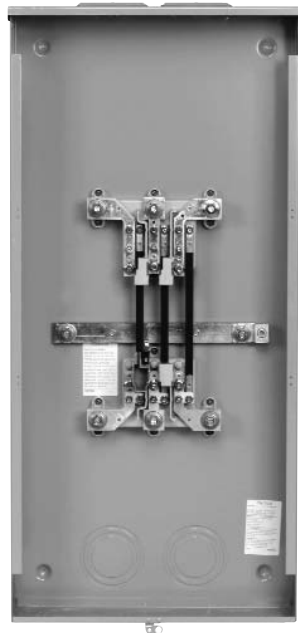
④ K-7 and K-7T can be used for 1 phase service by using specially programmed Landis & Gyr type S-4 meter (contact utility). Connect phase conductors to left and right phase connectors. Do not wire to center phase connectors. Connect neutral conductor to neutral bar. **FP&L uses K7 for 1 phase applications.**

Required Lugs For 9817-9526 or 9527 (4 line and 4 load lugs required)

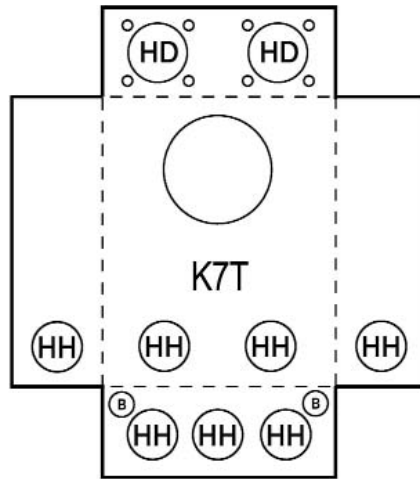
| Lug Position | Parallel OH & UG Lugs | | Single OH & UG Lugs | |
|--------------|-----------------------|------|---------------------|------|
| | Catalog No. | Type | Catalog No. | Type |
| Line | 56732-M | Std. | 56476 | Std. |
| Load | 56732-M | Std. | 56476 | Std. |
| Neutral | 56732-M | Std. | 56476 | Std. |

Std.: In-line lugs for end entry.

See pages 23 and 24 for other lug options.



9817-9526



9817-9526
9817-9527

KNOCKOUTS (inches):

| | |
|-----|--------------------|
| B: | 1/2, 3/4 |
| HH: | 2-1/2, 3, 3-1/2, 4 |
| HD: | Ø4.281 HUB OP |



Air Conditioning Disconnects

Fused® and Non-Fused

Features

Flexibility

- 30-60 amperes
- 240 volts A.C.
- Padlock provisions
- Horsepower rated
- 10,000 A.I.C.
- New models available with internal GFCI receptacle
- Removable Door
- Ample Wiring Space

Rugged Durability

- Noryl® thermoplastic and powder coated G90 steel enclosure is corrosion resistant and extremely durable giving long maintenance free service
- Copper conductors
- Raised mounting embosses



Steel AC Disconnects

| Ampere Rating | Disconnect Type | Catalog No. | Horse Power Rating | Dimensions (inches) | | |
|---------------|----------------------|-------------|--------------------|---------------------|---|-------|
| | | | | H | W | D |
| 30 | Fused Pullout | LF2030 | 3 | 7.25 | 5 | 2.125 |
| 60 | Fused Pullout | LF2060 | 10 | 8 | 5 | 2.125 |
| 60 | Non-Fused Pullout | LN2060 | 10 | 7.25 | 5 | 2.125 |
| 60 | Non-Automatic Switch | LNAS2060 | 10 | 7.25 | 5 | 2.125 |



Plastic AC Disconnects

| Ampere Rating | Disconnect Type | Catalog No. | Horse Power Rating | Dimensions (inches) | | |
|---------------|-------------------|-------------|--------------------|---------------------|------|-------|
| | | | | H | W | D |
| 30 | Fused Pullout | LF2030PL | 3 | 8 | 5.25 | 3.125 |
| 60 | Fused Pullout | LF2060PL | 10 | 8 | 5.25 | 3.125 |
| 60 | Non-Fused Pullout | LN2060PL | 10 | 7.25 | 5 | 2.125 |



Steel AC Disconnects with 15 Amp GFCI Receptacle

| Ampere Rating | Disconnect Type | Catalog No. | Horse Power Rating | Dimensions (inches) | | |
|---------------|----------------------|--------------|--------------------|---------------------|-------|--------|
| | | | | H | W | D |
| 30 | Fused Pullout | LF2030GFCI | 3 | 9 | 6.125 | 5.0625 |
| 60 | Fused Pullout | LF2060GFCI | 10 | 9 | 6.125 | 5.0625 |
| 60 | Non-Fused Pullout | LN2060GFCI | 10 | 7.125 | 5.75 | 5.0625 |
| 60 | Non-Automatic Switch | LNAS2060GFCI | 10 | 7.125 | 5.75 | 5.0625 |

Wire Range Table

| Connector | Copper | | Aluminum | |
|--------------|--------|----------|----------|----------|
| | Solid | Stranded | Solid | Stranded |
| Line | #14-8 | #14-3 | #12-8 | #12-3 |
| Load | #14-8 | #14-3 | #12-8 | #12-3 |
| Neutral | #12-8 | #12-2 | #12-8 | #12-2 |
| Equip. Grnd. | #12-8 | #12-2 | #12-8 | #12-2 |



Spa Panel

For use as Spa/Hot Tub service disconnect

| 2-Pole GFCI Breaker | Dimensions (inches) | | | Catalog Number |
|------------------------|---------------------|---|-------|-------------------|
| H | W | D | | |
| 50A | 12-1/4 | 6 | 4-1/2 | LGSPA50 |
| 60A | 12-1/4 | 6 | 4-1/2 | LGSPA60 |



Dead Front



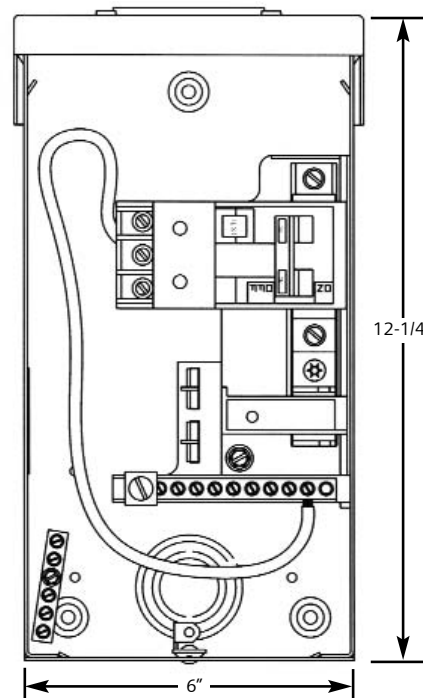
Enclosure



Hub Cover Plate

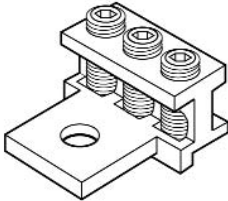
Features and Benefits

- UL Listed
- Factory installed, 2-pole 50A GFCI breaker for 240V ground fault protection
- NEMA Type 3R outdoor enclosure
- 2 extra spaces (4 circuits maximum) for additional circuit breakers
- 125 Amp rated interior
- Factory installed 5 position ground bar
- Closure plate included
- Compact enclosure size
- Convenient standard package of 1
- Uses reliable Siemens circuit breakers

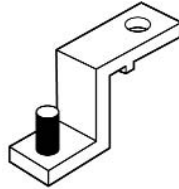




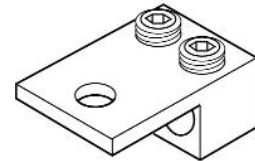
Connector Lugs



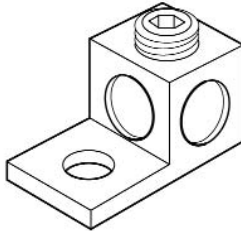
H68752-1



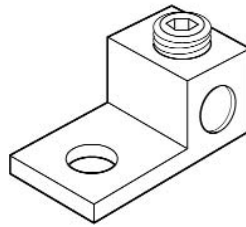
Lug Extender
H59299-1



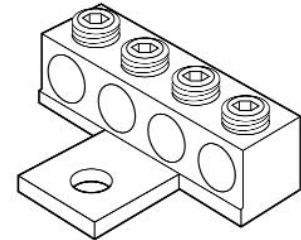
H56425, H56425M



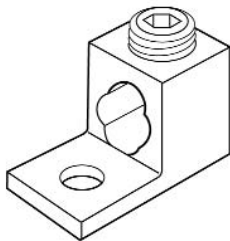
H57606K



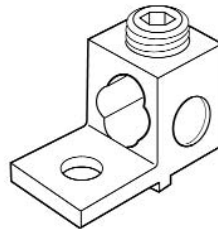
H56734, H57606



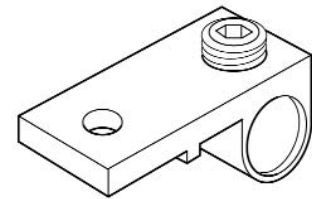
H56426



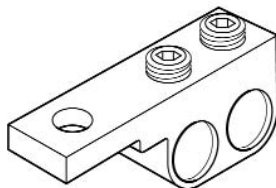
H61300



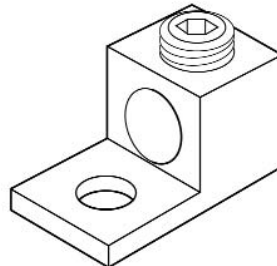
H60162



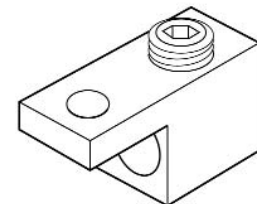
H58852, H56733



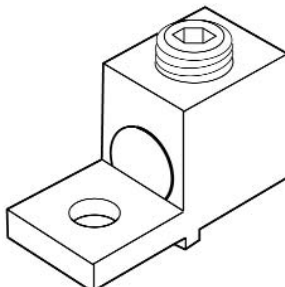
H56427, H56427M, H58853



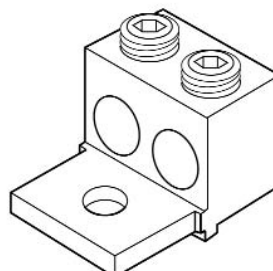
H37892, H55890-1, H55890



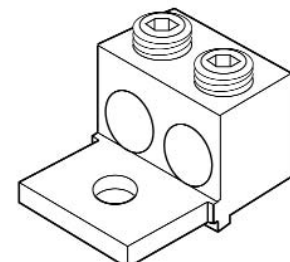
H56477



H56476



H56732, H56732-M



H56490, H58022, H56732-1



Connector Lugs Lug Extender

Pressure type lugs for Landis & Gyr's stud type meter mounting devices are made of 6061-T6 aluminum to provide high strength and high conductivity. All lugs are tin-plated to ensure low contact resistance and to reduce corrosion.

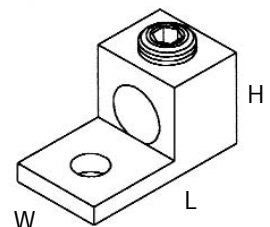
Allen or hex head pressure screws are furnished to provide excellent conductor spread for maximum binding action with the lug. All Landis & Gyr lugs are listed with Underwriters Laboratories.

Pressure Lug Connectors For Meter Mounting Devices

| Device Type | Anti-Rotation Feature | Conductor Size | Stud Opening | Pressure Screw Head | Dimensions* (inches) | | | Landis & Gyr Catalog Number |
|----------------|-----------------------|----------------------|--------------|---------------------|----------------------|---------|---------|-----------------------------|
| | | | | | L | W | H | |
| HQ-4S | No | #6-350 MCM | 13/32" | 9/16" Hex | 2-1/4 | 1-1/8 | 1-1/4 | H55890 |
| HQ-5 S | No | #6-350 MCM | 13/32" | 5/16" Allen | 2-1/4 | 1-1/8 | 1-1/4 | H55890-1 |
| HQ-7S | No | #6-350 MCM | 13/32" | 3/8" Allen | 2-1/4 | 1-1/8 | 1-1/4 | H57606-K |
| HQ-7S | No | (2) #6-250 MCM | 13/32" | 5/16" Allen | 2-3/16 | 1-5/8 | 1-3/16 | H58022 |
| HQ-4D | No | #4-500 MCM | 9/16" | 3/8" Allen | 2-13/16 | 1-1/2 | 1-9/16 | H37892 |
| HQ-5DM | Yes | (1) #4-600 MCM | 9/16" | 1/2" Allen | 2-13/16 | 1-3/8 | 1-13/16 | H60162 |
| HQ-7D | | or | | | | | | |
| HQ-7DF | No | (2) #1/0-250 MCM | 9/16" | 1/2" Allen | 2-13/16 | 1-3/8 | 1-13/16 | H61300 |
| K-4,5,7 | No | (2) #6-350 MCM | 9/16" | 5/16" Allen | 2-7/8 | 1-57/64 | 1-1/4 | H56425 |
| K-4,5,7 | No | (2) #4-500 MCM | 9/16" | 3/8" Allen | 2-13/16 | 2-1/16 | 1-9/16 | H56425-M |
| K-4 | No | (4) #6-350 MCM | 9/16" | 5/16" Allen | 2-7/8 | 3-15/16 | 1-1/4 | H56426 |
| K-4,5,7 | Yes | (2) #6-350 MCM | 9/16" | 5/16" Allen | 4-15/16 | 1-1/8 | 2-1/16 | H56427 |
| K-4,5,7 | Yes | (2) #2-500 MCM | 9/16" | 3/8" Allen | 4-1/4 | 1-1/8 | 1-13/16 | H56427-M |
| K-5,7 | Yes | #3/0-800 MCM | 9/16" | 1/2" Allen | 3-1/4 | 1-5/16 | 1-13/16 | H56476 |
| K-4,5,7 | Yes | #3/0-800 MCM | 9/16" | 1/2" Allen | 3-1/4 | 1-5/16 | 1-13/16 | H56477 |
| K-5,7 | No | (2) #4-500 MCM | 9/16" | 3/8" Allen | 2-13/16 | 2-5/32 | 1-9/16 | H56490 |
| K-5,7 | Yes | (2) #4-350 MCM | 9/16" | 5/16" Allen | 2-7/8 | 1-59/64 | 1-1/4 | H56732 |
| K-5,7 | No | (2) #4-350 MCM | 9/16" | 5/16" Allen | 2-7/8 | 1-59/64 | 1-1/4 | H56732-1 |
| K-5,7 | Yes | (2) #4-500 MCM | 9/16" | 3/8" Allen | 2-13/16 | 2-5/32 | 1-13/16 | H56732-M |
| K-4,5,7 | Yes | #3/0-800 MCM | 9/16" | 1/2" Allen | 4-3/16 | 1-3/4 | 2-3/8 | H56733 |
| K-4,5,7 (Grd.) | No | #6-250 MCM | 9/16" | 5/16" Allen | 2-9/16 | 1-9/32 | 1-3/16 | H56734 |
| K-4,5,7 | Yes | #3/0-800 MCM | 9/16" | 1/2" Allen | 3-15/16 | 1-3/4 | 1-13/16 | H58852 |
| K-4,5,7 | Yes | (2) #6-350 MCM | 9/16" | 5/16" Allen | 3-15/16 | 1-1/8 | 1-1/2 | H58853 |
| K-4,5,7 | Yes | (3) #6-250 MCM | 9/16" | 5/16" Allen | 2-7/8 | 2-31/64 | 1-7/16 | H68752-1 |
| K-4 extender | Yes | 1/2-20 x 1-7/8" Stud | 9/16" | None | 4-1/4 | 1-1/4 | 2-3/8 | H59299-1 |

Lug Extender

| Device Type | Stud Opening | Stud Size | Dimensions (inches) | | | Landis & Gyr Catalog Number |
|-------------|--------------|-----------------|---------------------|-------|-------|-----------------------------|
| | | | W | H | D | |
| K-4 | 9/16" | 1/2-20 x 1-7/8" | 4-1/4 | 1-1/4 | 2-3/8 | H59299-1** |



* Dimensions do not include height of pressure screw with conductor installed.

** Includes nut and washer assembly and washer.



Meter Socket Accessories

Removable Hub Kits

| Conduit Size (inches) | Catalog Number |
|---------------------------|----------------|
| RX Type Hubs Small | |
| 1 | H38596-2 |
| 1-1/4 | H38597-2 |
| 1-1/2 | H38598-2 |
| 2 | H38599-2 |
| 2-1/2 | H38600-2 |
| Cover Plate - Steel | H38595-1 |
| Cover Plate - Aluminum | H38595-2 |
| HD Type Hubs Large | |
| 3 | H56856-2 |
| 3-1/2 | H56857-2 |
| 4 | H56858-2 |
| Cover Plate - Steel | H56933 |
| Cover Plate - Aluminum | H56933-1 |



Cover Plate



Removable Hub



Hub Adaptor Plate
(Converts large hub to small)

Accessories

| Description | Catalog Number |
|---|----------------|
| Insulated 5th Terminal Kit - Type AS, AT only | H659-0120 |
| Grounded 5th Terminal Kit - Type AS, AT only | H659-0121 |
| HQ 5th Terminal Kit | H35815-2 |
| Large to Small Adaptor - Steel | H9747-1113 |
| Large to Small Adaptor - Aluminum | H9747-1112 |
| Black Plastic Meter Opening Cover | H39968 |
| Insulated Jumper | H36479 |
| K-7 Isolated Neutral Kit | H69685-1 |
| HQ Isolated Neutral Kit | H64685-1 |
| K-4 Manual Bypass | H56495 |
| K-7 Rake Type Bypass | H58888 |
| K-7 Rotary Bypass | H69623 |



Insulated Jumper
H36479



Black Plastic
Meter Opening Cover
H39968



HQ Isolated Neutral Kit
H64685-1



K-7 Isolated Neutral Kit
H69685-1



5th Terminal Kit
H659-0121



HQ 5th Terminal Kit
H35815-2



Replacement Parts: Please contact your sales representative. Terms Of Sale

Transportation Charges: Prices listed are F.O.B. factory with freight prepaid and allowed on all shipments of orders of \$1,000 net or more for single shipments to one location.

Minimum Billing: \$100 net plus transportation charges.

Cancellation: Orders accepted by the factory can be cancelled only with the factory's consent and upon payment to the seller of reasonable charges incurred by the seller which will indemnify the seller against loss.





Returns: Goods may not be returned to Landis & Gyr without written authorization from the factory. A minimum 20% restocking charge will be applicable on all returned goods. Credit will be given only for current production items in unopened cartons. All transportation charges paid by Landis & Gyr will be deducted from such credit.

Terms: Standard/Stock Products:

2% 10th net 25th for invoices dated the 1st through the 15th of the month.

2% 25th net 10th for invoices dated the 16th through the 31st of the month.

Meter Mounting Device Applications

| Electrical Service | Service Type | Meter Form | Socket Type | Standard Socket Catalog Number | Product Schedule |
|--|-------------------------|------------|--------------------|--------------------------------|--|
| 1-Phase  | Self-contained, 3 wire | 2S | 4 jaw 100A | AT-1 | 402, 415, 453 |
| | | | 4 jaw 200A | AT-3, AT-4, CQ-4, HQ-4 | 410, 411, 412, 415, 417 419, 425, 453, 456, 458 |
| | Self-contained, bolt-in | 2SE | 4 jaw 320A | HQ-4S, HQ-4D | 426, 430, 435 |
| | | 2K | K-4 400/480A | K-4, K-4UT | 440 |
| | | 3SI | 5 jaw 20A | HQ-6T, HQ-6TS, PTS-6 | 469, 470, 465 |
| | | 4SI | 6 jaw 20A | HQ-6T, HQ-6TS | 469, 470, 465 |
| 3-Phase 3-Wire or Network  | Self-contained | 12S | 5 jaw 100A | CQ-5, HQ-5 | 417, 419, 421, 425 |
| | | 12S | 5 jaw 200A | CQ-5, HQ-5 | 417, 419, 421, 425 |
| | | 12SE | 5 jaw 320A | HQ-5SWT, HQ-5D | 430, 435 |
| | Self-contained, bolt-in | 12K | K-5 480/600A | K-5 | 447 |
| | Transformer-rated | 5S | 8 jaw 20A | HQ-8T, HQ-8TS, PTS-8 | 469, 470, 465 |
| 3-Phase 4-Wire  Wye  | Self-contained | 14S | 7 jaw 100/200/320A | CQ-7, HQ-7 | 417, 419, 425, 426, 435 |
| | | 15S | | | |
| | | 16S | | | |
| | Self-contained, bolt-in | 14K | K-7 480/600A | K-7, K-7T | 447 |
| | | 15K | | | |
| | | 16K | | | |
| | Transformer-rated | 6S | 13 jaw 20A | HQ-13T, HQ-13TS, PTS-13 | 469, 470, 465 |
| | | 8S | | | |
| | | 9S | | | |

*Meter Form also applies to comparable types of mechanical demand or electronic meters.

! Sockets to be used with instrument transformer installations should, in general, be equipped with circuit closing devices.

Care should be taken when using sockets without circuit closing devices. (Check current transformer specifications).

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.