

Selection and application guide

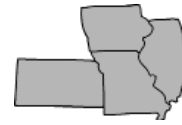
For use in Kansas, Iowa, Missouri and Illinois



Meter mounting equipment

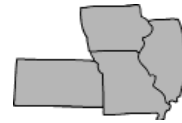
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LANDIS & GYR



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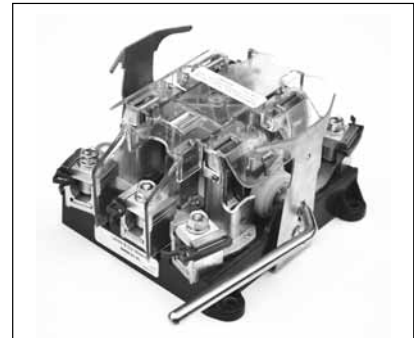


The Standard for Quality

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

Sockets for UG service are usually wider in order to provide space for the conductors to loop around the block to the top connectors. Since more material is required in the enclosure, UG sockets are more expensive than OH sockets. Quite popular are combination units (OH/UG) which may be used in either service, and require a cover plate if used with UG feed.

Hubs and Cover Plates

Top of socket with hub opening has a flanged lip to keep out moisture. This requires a hub or cover plate to close. There are two sizes of openings: "small" for conduit hubs with sizes of 1", 1-1/4", 1-1/2", 2", and 2-1/2"; and "large" for conduit hubs with sizes 3", 3-1/2", and 4". See Product Schedule 499. Landis & Gyr hub openings conform to ANSI C12.7 specs and are interchangeable with other socket manufacturers, but are not interchangeable with panel board style hubs.

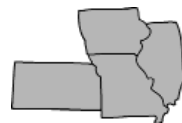
Bypass Types

A self-contained meter completes the circuit between the utility and the customer. In order to change the meter, the circuit must be broken, turning off the power to the customer. This is not acceptable in commercial establishments, or in many other types of services. A bypass allows a parallel path for the current flow, un-metered, while the meter is pulled.

Types are:

- a) Lever-operated jaw release, also known as jaw clamping lever bypass (Landis & Gyr type HQ). The best, because the meter cannot accidentally be pulled unless the bypass is engaged. Pulling the meter would also be a major safety hazard if there is a 480V installation and/or a large load in place, as the meter would then act as a switch, and cause arc.
- b) Lever-operated non-jaw release (Landis & Gyr type CQ). Lever bypasses the meter, but the meter may be removed with the bypass open.
- c) Horn bypass (option on residential sockets). Tangs on line and load connectors allow for jumper leads to be fitted over them before the meter is pulled.
- d) Manual bypass (K-4, K-5, K-7) uses separate "links", which are clamped onto special studs before the meter is removed. K-7 also uses a "rotating link" type bypass.
- e) Other types not made by Landis & Gyr include: slide links, 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. H39968) 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 unmetereed?

- A. For all devices with jaws, use jumper (Catalog No. H36479). Two jumpers are needed for a single phase device and three for a three phase device.

Q. What if I need an isolated neutral?

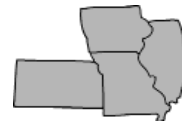
- A. Some applications require the neutral connection to be isolated or insulated. Isolated neutral kits are available for CQ and HQ (Catalog No.H64685-1) and K-7 devices (Catalog No.H69685-1).

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. H659-0121 for a grounded 5th terminal is most commonly used. Use Catalog No. H659-0120 when the 5th terminal does not need to be grounded. The 5th terminal for a HQ device (Catalog No. H35815-2) 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. H59676) 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 400A application. Some utilities prefer a 320A meter socket, some prefer a 400A 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.

Q. What is the difference between an RX hub and a HD hub?

- A. The RX hub is a small base ANSI compliant hub. The size ranges from 3/4" to 2-1/2". The HD hub is a large base ANSI compliant hub. The size ranges from 3" to 4". An HD size opening may be reduced to an RX size using an accessory adaptor plate.



Residential
 135 Amp - 4 & 5 Jaw - Ringless

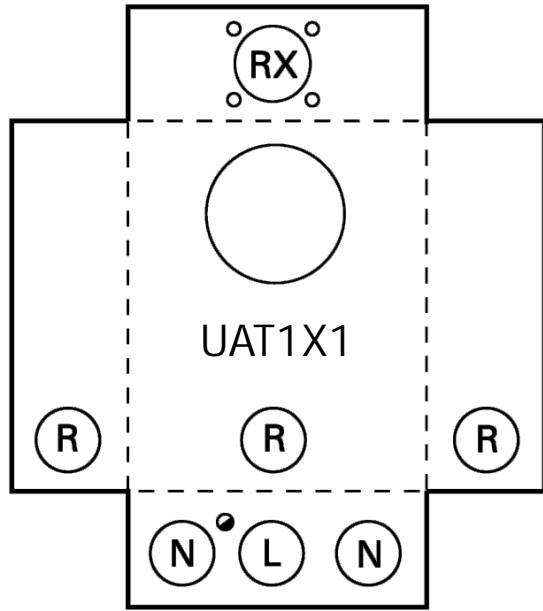
135A Continuous, Meter Mounting Equipment, Residential ①②
 4 & 5 Terminal for 1 Phase, 3 Wire

Cont. Amp Rating	Service	Connectors		Dimensions (inches)			Hub Opening	Bypass	Enclosure Material	Catalog Number
		Line	Load	W	H	D				
<i>Approved for Ameren, Mid American Energy Co., Midwest Power (Two Rivers Serv.Cen.)</i>										
135	OH/UG	#14-2/0	#14-2/0	8.0	11.7	3.6	RX Opening	None	Steel	UAT111-OG
<i>Approved for Alliant Energy (Interstate P&L)</i>										
135	OH/UG	#14-2/0	#14-2/0	8.0	11.7	3.6	RX Opening	None	Steel	UAT111-OP
<i>Approved for Ameren, Mid American Energy Co., Xcel Energy</i>										
135	OH/UG	#14-2/0	#14-2/0	8.0	11.7	3.6	RX Opening	None	Steel	UAT111-0POG
<i>Approved for Ameren</i>										
135	OH/UG	#14-2/0	#14-2/0	8.0	11.7	3.6	RX Opening	None	Steel	UAT111-BPOG
<i>Approved for Ameren, Mid American Energy Co., Xcel Energy</i>										
135	OH/UG	#14-2/0	#14-2/0	8.0	11.7	3.6	RX Opening	None	Steel	UAT111-XMBL

① All units include a quad neutral.
 ② 5th terminal for field installation: H659-0121.



UAT111-OG



KNOCKOUTS (inches):	
●:	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:	∅2.750 HUB OP



Residential
200 Amp - 4 & 5 Jaw - Ringless

200A Meter Mounting Equipment, Residential ①②

4 & 5 Terminal for 1 Phase, 3 Wire

Cont. Amp Rating	Service	Connectors Line & Load	Dimensions (inches)			Hub D	Opening	Enclosure Bypass	Catalog Material	Number
			W	H						
<i>Approved for Ameren, Mid American Energy Co., Midwest Power (Two Rivers Serv. Cen.)</i>										
200	OH	#6-350 KCMIL	8.0	14.0		4.5	RX Opening	None	Steel	UAT317-OG
<i>Approved for Alliant Energy (Interstate P&L)</i>										
200	OH	#6-350 KCMIL	8.0	14.0		4.5	RX Opening	Horn	Steel	UAT317-OP
200	OH/UG	#6-350 KCMIL	11.0	14.0		4.5	Cover Plate	Horn	Steel	UAT417-XP
<i>Approved for Commonwealth Edison (Excelon)</i>										
200	OH	#6-350 KCMIL	8.0	14.0		4.5	RX Opening	Horn	Steel	UAT317-OPCH
200	OH/UG	#6-350 KCMIL	11.0	14.0		4.5	RX Opening	Horn	Steel	UAT417-OPZ
<i>Approved for Ameren, Mid American Energy Co.</i>										
200	OH	#6-350 KCMIL	8.0	14.0		4.5	RX Opening	Horn	Steel	UAT317-0POG
<i>Approved for Ameren</i>										
200	OH	#6-350 KCMIL	8.0	14.0		4.5	2" Hub Installed	None	Steel	UAT317-DG
<i>Approved for Ameren, Xcel Energy</i>										
200	OH/UG	#6-350 KCMIL	11.0	14.0		4.5	RX Opening	None	Steel	UAT417-OG
200	OH/UG	#6-350 KCMIL	11.0	14.0		4.5	RX Opening	Horn	Steel	UAT417-0POG
<i>Approved for Ameren, Mid American Energy Co.</i>										
200	OH/UG	#6-350 KCMIL	11.0	14.0		4.5	Blank Top	None	Steel	UAT417-PG
200	OH/UG	#6-350 KCMIL	11.0	14.0		4.5	Blank Top	Horn	Steel	UAT417-PPQG
200	OH/UG	#6-350 KCMIL							Steel	UAT417-XVZ
<i>Approved for Kansas City Power and Light, Mid American Energy Co., Midwest Power (Two Rivers Serv. Cen., Xcel Energy)</i>										
200	OH/UG	#6-350 KCMIL	11.0	14.0		4.5	Cover Plate	Horn	Steel	UAT417-XG
<i>Approved for Ameren, Commonwealth Edison (Excelon), Mid American Energy Co.</i>										
200	OH/UG	#6-350 KCMIL	11.0	14.0		4.5	Cover Plate	Horn	Steel	UAT417-XPOG

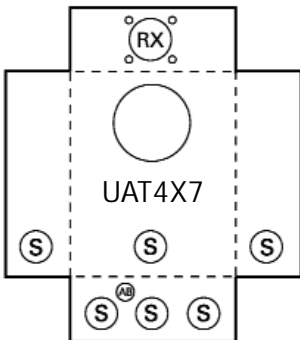
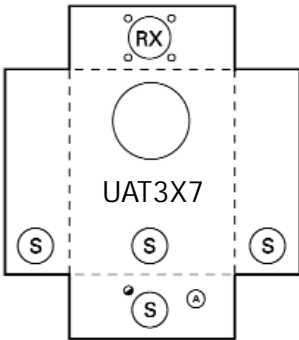
① All units include a ground lug. ③ 5th terminal installed, barrel lock KO.
 ② 5th terminal for field installation: H659-0121.



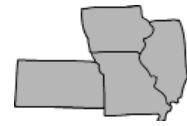
UAT317-OG



UAT417-XG



KNOCKOUTS (inches):	
●:	1/4
A:	1/2
S:	1, 1-1/4, 1-1/2, 2, 2-1/2
AB:	1/4, 1/2, 7/8
AC:	1/4, 1/2
AD:	1-1/4, 1-1/2, 2, 2-1/2, 3
RX:	Ø2.750 HUB OP



Residential
100/150 Amp - 4 Jaw - Horizontal Gang

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

4 Terminal for 1 Phase, 3 Wire

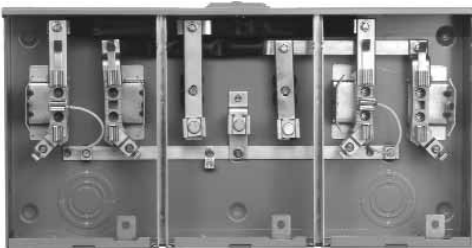
No. Pos.	Cont. Amp Rating	Service	Connectors Line	Connectors Load	Dimensions (inches)			Hub Opening	Bypass	Enclosure Material	Catalog Number
					W	H	D				
<i>Approved for Ameren, Midwest Power (Two Rivers Serc. Cen.)</i>											
2	100	OH/UG	#6-350 KCMIL	#14-2/0	24.0	12.0	4.5	RX Opening	None	Steel	UA2311-0G
2	150	OH/UG	#6-350 KCMIL	#6-350 KCMIL	24.0	12.0	4.5	RX Opening	None	Steel	UA2313-0G
3	150	OH/UG	#6-350 KCMIL	#6-350 KCMIL	32.0	12.0	4.5	RX Opening	None	Steel	UA3313-0G
4	150	OH/UG	#6-350 KCMIL	#6-350 KCMIL	40.0	12.0	4.5	RX Opening	None	Steel	UA4313-0G
<i>Approved for Alliant Energy (Interstate P&L)</i>											
2	100	OH/UG	#6-350 KCMIL	#14-2/0	24.0	12.0	4.5	RX Opening	Horn	Steel	UA2311-0P
3	100	OH/UG	#6-350 KCMIL	#14-2/0	32.0	12.0	4.5	RX Opening	Horn	Steel	UA3311-0P
4	100	OH/UG	#6-350 KCMIL	#14-2/0	40.0	12.0	4.5	RX Opening	Horn	Steel	UA4311-0P
<i>Approved for Commonwealth Edison (Excelon)</i>											
2	100	OH/UG	#6-350 KCMIL	#14-2/0	24.0	12.0	4.5	RX Opening	Horn	Steel	UA2311-0PCH
3	100	OH/UG	#6-350 KCMIL	#14-2/0	32.0	12.0	4.5	RX Opening	Horn	Steel	UA3311-0PCH
4	100	OH/UG	#6-350 KCMIL	#14-2/0	40.0	12.0	4.5	RX Opening	Horn	Steel	UA4311-0PCH
<i>Approved for Alliant Energy (Interstate P&L), Ameren</i>											
2	100	OH/UG	#6-350 KCMIL	#14-2/0	24.0	12.0	4.5	RX Opening	Horn	Steel	UA2311-0PQG
<i>Approved for Kansas City Power and Light</i>											
2	100	OH/UG	#6-350 KCMIL	#14-2/0	24.0	12.0	4.5	RX Cl. Plate	Horn	Steel	UA2311-XBBU
3	100	OH/UG	#6-350 KCMIL	#14-2/0	32.0	12.0	4.5	RX Cl. Plate	Horn	Steel	UA3311-XBBU
4	100	OH/UG	#6-350 KCMIL	#14-2/0	40.0	12.0	4.5	RX Cl. Plate	Horn	Steel	UA4311-XBBU
<i>Approved for Alliant Energy (Interstate P&L), Ameren, Midwest Power (Two Rivers Serv. Cen.)</i>											
3	100	OH/UG	#6-350 KCMIL	#14-2/0	32.0	12.0	4.5	RX Opening	Horn	Steel	UA3311-0PQG
4	100	OH/UG	#6-350 KCMIL	#14-2/0	40.0	12.0	4.5	RX Opening	Horn	Steel	UA4311-0PQG

① All units are equipped with a ground lug.

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

③ 5th Terminal Kit for field installation: H659-0121.

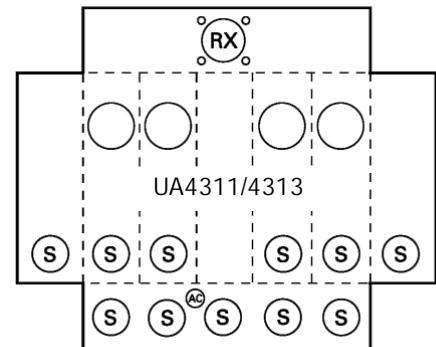
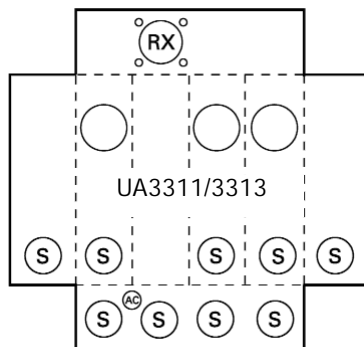
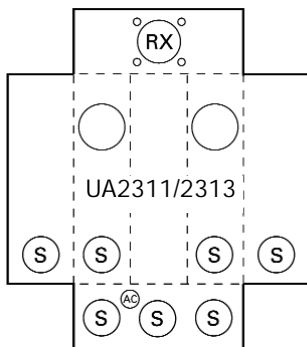
④ Sockets with "QG" suffix are equipped with 2 ground lugs.



UA2311-0PQG with H659-0121 installed



KNOCKOUTS (inches):	
S:	1, 1-1/4, 1-1/2, 2, 2-1/2
AC:	1/4, 1/2
RX:	∅2.750 HUB 0P





Residential
200 Amp - 4 & 5 Jaw - Horizontal Gang

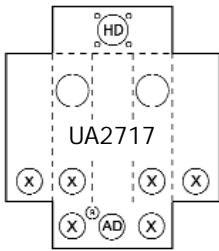
200A/Position Meter Mounting Equipment, Horizontal Gang, Residential ①②③

4 & 5 Terminal for 1 Phase, 3 Wire

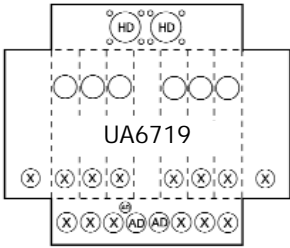
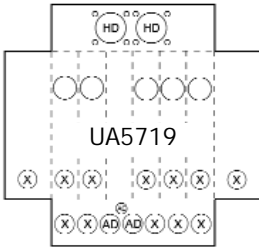
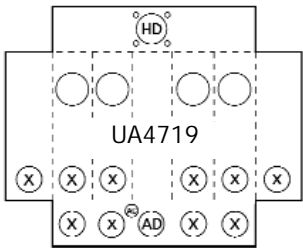
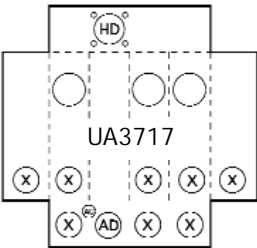
No. Pos.	Cont. Amps Rating	Service	Connectors Line	Connectors Load	Dimensions (inches)			Hub Opening	Bypass	Enclosure Material	Catalog Number
W	H	D									
<i>Approved for Mid American Energy Co., Midwest Power (Two Rivers Serv. Cen.)</i>											
2	200	OH/UG	#6-350 KCMIL	#6-350 KCMIL	24.0	14.5	5.1	HD Opening	None	Steel	UA2716-YG
<i>Approved for Kansas City Power and Light</i>											
2	200	OH/UG	#6-350 KCMIL	#6-350 KCMIL	24.0	14.5	5.1	HD Cover Pl.	Horn	Steel	UA2716-ZBBU
<i>Approved for Ameren, Midwest Power (Two Rivers Serv. Cen.), Alliant Energy (Interstate P&L)</i>											
2	200	OH/UG	1/0-600 KCMIL	#6-350 KCMIL	24.0	14.5	5.1	HD Opening	None	Steel	UA2717-YG
4	200	OH/UG	(2)1/0-600 KCMIL	#6-350 KCMIL	43.0	14.5	5.1	HD Opening	Horn	Steel	UA4719-YPQG
5	200	OH/UG	(2)1/0-600 KCMIL	#6-350 KCMIL	51.0	14.5	5.1	(2) HD Openings	Horn	Steel	UA5719-KPQG
6	200	OH/UG	(2)1/0-600 KCMIL	#6-350 KCMIL	59.0	14.5	5.1	(2) HD Openings	Horn	Steel	UA6719-KPQG
<i>Approved for Commonwealth Edison (Excelon)</i>											
2	200	OH/UG	1/0-600 KCMIL	#6-350 KCMIL	24.0	14.5	5.1	HD Opening	Horn	Steel	UA2717-YPCH
3	200	OH/UG	1/0-600 KCMIL	#6-350 KCMIL	32.0	14.5	5.1	HD Opening	Horn	Steel	UA3717-YPCH
4	200	OH/UG	(2)1/0-600 KCMIL	#6-350 KCMIL	43.0	14.5	5.1	HD Opening	Horn	Steel	UA4719-YPCH
5	200	OH/UG	(2)1/0-600 KCMIL	#6-350 KCMIL	51.0	14.5	5.1	(2) HD Openings	Horn	Steel	UA5719-KPCH
6	200	OH/UG	(2)1/0-600 KCMIL	#6-350 KCMIL	59.0	14.5	5.1	(2) HD Openings	Horn	Steel	UA6719-KPCH
<i>Approved for Alliant Energy (Interstate P&L), Ameren</i>											
2	200	OH/UG	1/0-600 KCMIL	#6-350 KCMIL	24.0	14.5	5.1	HD Opening	Horn	Steel	UA2717-YPQG
3	200	OH/UG	1/0-600 KCMIL	#6-350 KCMIL	32.0	14.5	5.1	HD Opening	Horn	Steel	UA3717-YPQG
<i>Approved for Midwest Power (Two Rivers Serv. Cen.)</i>											
3	200	OH/UG	1/0-600 KCMIL	#6-350 KCMIL	32.0	14.5	5.1	HD Opening	None	Steel	UA3717-YG
4	200	OH/UG	(2)1/0-600 KCMIL	#6-350 KCMIL	43.0	14.5	5.1	HD Opening	None	Steel	UA4719-YG

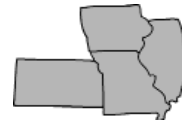
- ① All units are equipped with a ground lugs.
- ② All sockets are suitable for either overhead or underground feed.
- ③ 5th Terminal Kit for field installation: H659-0121.
- ④ Sockets with "QG" suffix have 2 ground lugs.

KNOCKOUTS (inches):	
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



UA2717-YG





Commercial/Industrial
200 Amp - 5 Jaw - Type CQ

200A Meter Mounting Equipment, Type CQ, Commercial/Industrial ①②③
5 and 7 Terminal for 1 Phase and 3 Phase, 3 Wire

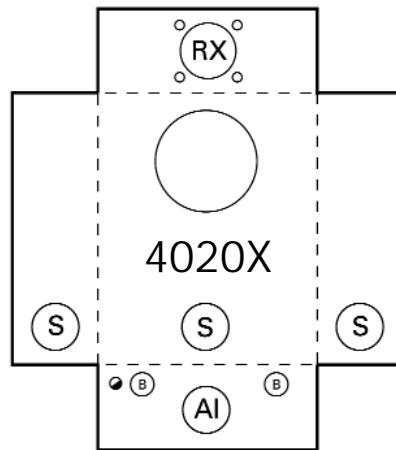
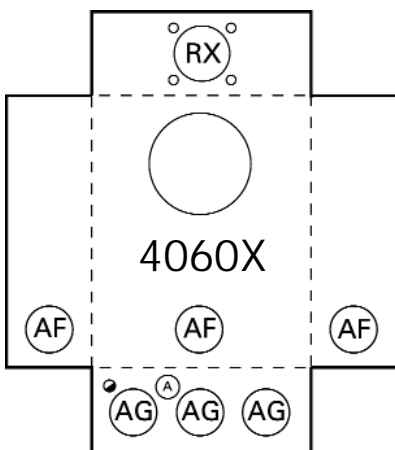
Cont. Amp Rating	Service	Connectors Line & Load	Dimensions (in)			Hub Opening	No. of Term.	Enclosure Material	Catalog Number
			W	H	D				
<i>Approved for Xcel Energy</i>									
200	OH	#6-350 KCMIL	10.0	17.5	5.2	RX Opening	5	Steel	40205-01
200	OH/UG	#6-350 KCMIL	13.0	19.0	5.2	RX Cl. Plate	5	Steel	40605-025
<i>Approved for Kansas City Power and Light</i>									
200	OH	#6-350 KCMIL	13.0	19.0	5.2	RX Cl. Plate	7	Steel	40607-025
<i>Approved for Alliant Energy (Interstate P&L)</i>									
200	OH/UG	#6-350 KCMIL	13.0	19.0	5.2	RX Cl. Plate	7	Steel	40607-02BU

① Type CQ bypass mechanism is lever-operated, non-jaw clamping.
② Disconnect sleeves should not be used with these devices.

③ 5 terminal devices are not for use with 3 phase, 4 wire service.
④ Type CQ-5 devices have 5th terminal in the 9 o'clock position.



40605-025



KNOCKOUTS (inches):

●:	1/4
B:	1/2, 3/4
S:	1, 1-1/4, 1-1/2, 2, 2-1/2
AI:	1, 1-1/4, 1-1/2, 2, 2-1/2, 3
RX:	Ø2.750 HUB OP



Commercial/Industrial
200 Amp - 4, 5 & 7 Jaw - Type HQ

200A Meter Mounting Equipment, Type HQ, Commercial/Industrial Ⓞ

4, 5 & 7 Terminal for 1 Phase, 3 Wire, Polyphase, 3 or 4 Wire, Wye or Delta

Cont. Amp Rating	Service	Connectors Line	Dimensions (in.)			Hub Opening	No. of Term.	Enclosure Material	Catalog Number
			W	H	D				
<i>Approved for Mid American Energy Co., Midwest Power (Two Rivers Serv. Cen.)</i>									
200	OH	#6-350 KCMIL	10.0	17.5	5.2	RX Opening	5	Steel	40005-01 ③
<i>Approved for Ameren, Mid American Energy Co., Midwest Power (Two Rivers Serv. Cen.)</i>									
200	OH	#6-350 KCMIL	10.0	17.5	5.2	RX Opening	5	Steel	40005-01QG ⑤
200	OH	#6-350 KCMIL	10.0	17.5	5.2	RX Opening	7	Steel	40007-01QG ⑤
200	OH/UG	#6-350 KCMIL	13.0	19.0	5.2	RX Cl. Plate	5	Steel	40405-02QG ③
200	OH/UG	#6-350 KCMIL	13.0	19.0	5.2	RX Cl. Plate	7	Steel	40407-02QG ⑤
<i>Approved for Alliant Energy (Interstate P&L), Mid American Energy Co., Midwest Power (Two Rivers Serv. Cen.), Xcel Energy</i>									
200	OH	#6-350 KCMIL	10.0	17.5	5.2	RX Opening	7	Steel	40007-01
<i>Approved for Xcel Energy</i>									
200	OH/UG	#6-350 KCMIL	10.0	17.0	5.2	RX Cl. Plate	4	Steel	40404-025
<i>Approved for Ameren, Mid American Energy Co.</i>									
200	OH/UG	#6-350 KCMIL	10.0	17.0	5.2	RX Cl. Plate	4	Steel	40404-02QG ⑤
<i>Approved for Mid American Energy Co., Midwest Power (Two Rivers Serv. Cen.), Xcel Energy</i>									
200	OH/UG	#6-350 KCMIL	13.0	19.0	5.2	RX Cl. Plate	5	Steel	40405-025 ③
200	OH/UG	#6-350 KCMIL	13.0	19.0	5.2	RX Cl. Plate	7	Steel	40407-025
<i>Approved for Commonwealth Edison (Excelon)</i>									
200	OH/UG	#6-350 KCMIL	13.0	19.0	5.2	RX Cl. Plate	5	Steel	40405-02CH
200	OH/UG	#6-350 KCMIL	13.0	19.0	5.2	RX Cl. Plate	7	Steel	40407-02CH
<i>Approved for Xcel Energy</i>									
200	OH/UG	#6-350 KCMIL	13.0	19.0	5.2	RX Cl. Plate	5	Steel	40405-02CO ④
200	OH/UG	3/8"-24 Stud	12.8	19.1	5.2	RX Cl Plate	4	Steel	42504-025
200	OH/UG	3/8"-24 Stud	13.0	19.0	5.2	RX Cl Plate	5	Steel	42505-025
<i>Approved for Alliant Energy (Interstate P&L)</i>									
200	OH/UG	#6-350 KCMIL	13.0	19.0	5.2	RX Opening	7	Steel	40407-01NU
200	UG (PED)	#6-350 KCMIL	10.9	56.0	6.0	Blank Top	7	Steel	40407P-9WI
<i>Approved for Adams Electric Coop</i>									
200	OH/UG	#6-350 KCMIL	13.0	19.0	5.2	RX Cl. Plate	7	Steel	40407-0250
<i>Approved for Ameren</i>									
200	OH	#6-350 KCMIL	10.0	17.5	5.2	RX Opening	4	Steel	40804-01QG ⑤
200	OH	#6-350 KCMIL	10.0	17.5	5.2	RX Cl. Plate	5	Steel	41005-01F
200	OH/UG	#6-350 KCMIL	13.0	19.0	5.2	RX Cl. Plate	5	Steel	9804-8592 ④
200	OH/UG	#6-350 KCMIL	20.0	34.0	6.2	HD Cl. Plate	7	Steel	9804-9109

- ① Units are not suitable for use with disconnect sleeves.
- ② Bypass mechanism is lever-operated, jaw pressure release with 100% bypass capacity.
- ③ Devices have 5th terminal in the 6 o'clock position and are not for use with 3 phase 4 wire service.
- ④ Neutral can be isolated by removing the ground strap.
- ⑤ Sockets with "QG" suffix are supplied with 2 ground lugs.
- ⑥ Devices have 5th Terminal in the 9 o'clock position and are not for use with 3 phase, 4 wire service.

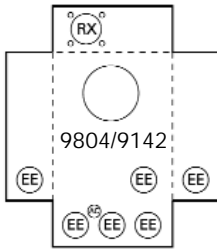
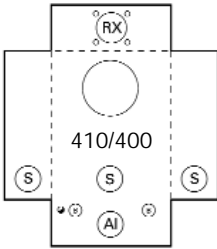
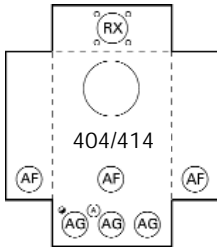


9804-9142



40407-025

KNOCKOUTS (inches):	
○:	1/4
A:	1/2
B:	1/2, 3/4
S:	1, 1-1/4, 1-1/2, 2, 2-1/2
AC:	1/4, 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
EE:	2, 2-1/2, 3
RX:	Ø2.750 HUB OP





Commercial
320 Amp - 4, 5 & 7 Jaw - Type HQ

320A Continuous/400A Maximum, Meter Mounting Equipment, Type HQ,
Commercial ①②③ 4, 5 & 7 Terminal for 1 Phase, 3 Wire & Polyphase, 4 Wire

Cont. Amp Rating	Service	Connectors Line	Connectors Load	Dimensions (in.)			Hub Opening	No. of Term.	Enclosure Material	Catalog Number
				W	H	D				
Approved for Ameren										
320	OH/UG	3/8-24 Stud	3/8-24 Stud	13.0	28.0	5.0	HD Cl. Plate	4	Steel	47604-02QG
320	OH/UG (SW)	3/8-24 Stud	3/8-24 Stud	16.0	31.0	5.0	HD Cl. Plate	4	Steel	48104-82WI
Approved for Commonwealth Edison										
320	UG (PED)	3/8-24 Stud	(2) #4-350 KCMIL	12.7	56.0	5.0	Blank Top	4	Steel	47604P-9CH
320	OH/UG (SW)	3/8-24 Stud	3/8-24 Stud	16.0	31.0	6.0	HD Cl. Plate	4	Steel	48104-02CH
Approved for Alliant Energy (Interstate P&L)										
320	UG (PED)	(2) #4-350KC	(2) #4-350KC	12.7	56.0	5.0	Blank Top	4	Steel	47604P-9WI
320	OH/UG	3/0-800 KCMIL	1/2-20 Stud	20.0	34.0	6.0	HD Cl. Plate	7	Steel	44707-02PP
Approved for Kansas City Power and Light, Mid American Energy Co.										
320	OH/UG (SW)	3/8-24 Stud	3/8-24 Stud	16.0	31.0	5.0	HD Cl. Plate	4	Steel	48104-02
320	OH/UG	1/2-20 Stud	1/2-20 Stud	20.0	34.0	6.0	HD Cl. Plate	7	Steel	44707-02

- ① All units have a lever operated, jaw pressure release bypass mechanism rated at 100%.
- ② Disconnect sleeves should not be used with these devices.
- ③ Some devices do not include lugs, order separately.
- ④ Includes anti-inversion clip H59676.
- ⑤ 5 jaw devices are not for use with 3 phase, 4 wire service.
- ⑥ Overhead use only for TNP.



44707-02FL



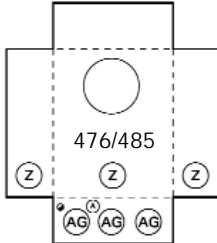
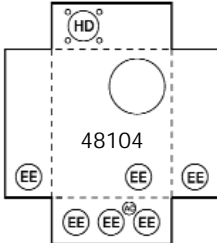
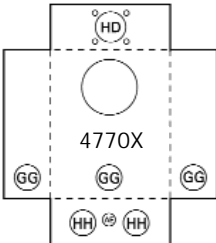
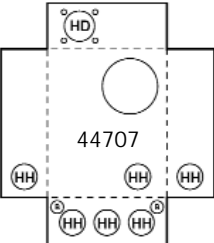
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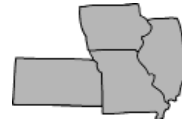


48104-02



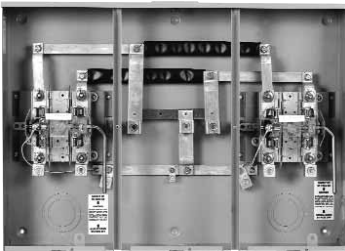
KNOCKOUTS (inches):	
A:	1/2
B:	1/2, 3/4
Z:	1-1/2, 2, 2-1/2
EE:	2, 2-1/2, 3
GG:	2-1/2, 3, 3-1/2
HH:	2-1/2, 3, 3-1/2, 4
AC:	1/4, 1/2
AE:	1/4, 1/2, 3/4, 1, 1-1/4
AG:	3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3
HD:	∅4.281 HUB OP





Residential / Commercial
200A - 4, 5 & 7 Jaw - Multi-Position - Lever Bypass

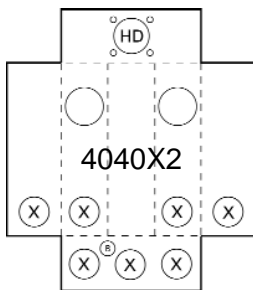
200A Multi-Position, Lever Bypass, Meter Mounting Equipment, Residential /Commercial
4, 5 and 7 Terminal for 1 Phase, 3 Wire



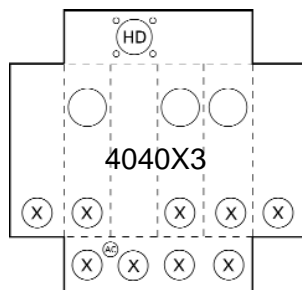
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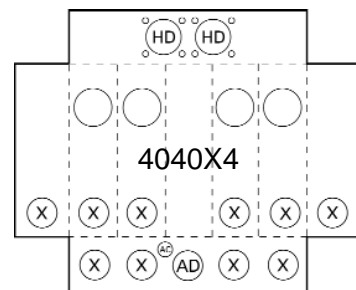
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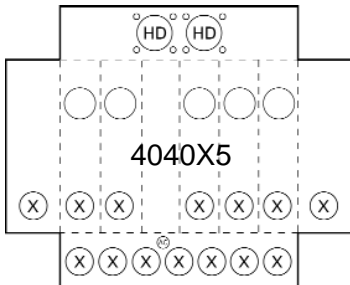
4040X2



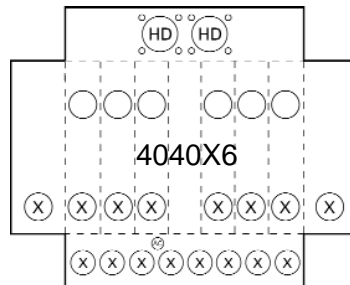
4040X3



4040X4



4040X5



4040X6

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

No. of Pos.	Cont. Amp	Overall Ampacity	Service	Bypass	Connectors Line	Load	Dimensions (in.)			Hub Opening	No. of Term.	Catalog Number
							W	H	D			
200 A/Pos, 1 Phase, 3 Wire, Horizontal Multi-Position Metering, Lever Bypass, Heavy Duty												
2	200	250	OH/UG	Lever	1/0-500 kcmil	#6-350 kcmil	32.8	23.2	6.0	Large Cl. Plate	4	404042-01
2	200	250	OH/UG	Lever	1/0-500 kcmil	#6-350 kcmil	32.8	23.2	6.0	Large Cl. Plate	5	404052-023NU
3	200	250	OH/UG	Lever	1/0-500 kcmil	#6-350 kcmil	43.9	23.2	6.0	Large Cl. Plate	5	404053-023NU
4	200	300	OH/UG	Lever	(2) 1/0-500 kcmil	#6-350 kcmil	61.0	23.2	6.0	(2) Lg. Cl. Plates	5	404054-223NU
5	200	300	OH/UG	Lever	(2) 1/0-500 kcmil	#6-350 kcmil	72.1	23.2	6.0	(2) Lg. Cl. Plates	5	404055-223NU
6	200	410	OH/UG	Lever	(2) 1/0-500 kcmil	#6-350 kcmil	83.2	23.2	6.0	(2) Lg. Cl. Plates	5	404056-223NU
200A/Pos, 3 Phase, 4 Wire, Horizontal Multi-Position Metering, Lever Bypass, Heavy Duty												
2	200	250	OH/UG	Lever	1/0-500 kcmil	#6-350 kcmil	32.8	23.2	6.0	Large Cl. Plate	7	404072-023NU
3	200	250	OH/UG	Lever	1/0-500 kcmil	#6-350 kcmil	43.8	23.2	6.0	Large Cl. Plate	7	404073-023NU
4	200	300	OH/UG	Lever	(2) 1/0-500 kcmil	#6-350 kcmil	61.0	23.2	6.0	(2) Lge Cl. Plates	7	404074-223NU
5	200	300	OH/UG	Lever	(2) 1/0-500 kcmil	#6-350 kcmil	72.1	23.2	6.0	(2) Lge Cl. Plates	7	404075-223NU
6	200	410	OH/UG	Lever	(2) 1/0-500 kcmil	#6-350 kcmil	83.2	23.2	6.0	(2) Lge Cl. Plates	7	404076-223NU

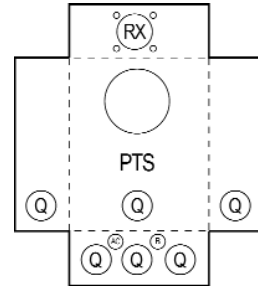
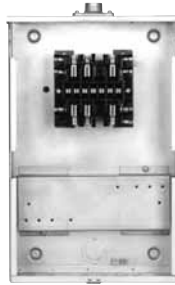
Hubs: Please see accessories on page 23.
 Connectors: Extruded aluminum connectors are tin plated and removable. Please see page 21 - 22 for alternate connectors.
 5th Terminal: 5 Terminal sockets have 5th jaw in the 9:00 position.



Type PTS Transformer-Rated Meter Mounting Equipment with Test Switch Provision

Common Features

- 20A continuous rated
- Ground lug available
- Steel or aluminum construction
- Split or solid cover construction
- OH and UG capabilities
- 600V rated
- Spacing for multiple test switch configurations
- Customized test switch and wiring



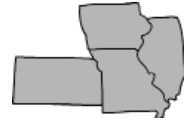
KNOCKOUTS (inches):	
B:	1/2, 3/4
Q:	1, 1-1/4, 1-1/2
AC:	1/4, 1/2
RX:	Ø2.750 HUB OP

Consult the factory for other available options such as, but not limited to alternate enclosure and hasp material, kearnaloxed terminals, enclosures with special KO configurations, pre-wired units, test switch specifications and special labeling.

Commercial/Industrial
PTS Transformer-Rated

Socket Type	Catalog Numbers		Ringless - Split Cover		Ring Type - Split Cover		Dimensions (in.)			Cont. Amp Rating	Hub Opening	Terminal Wire Range	
	Ringless - Solid Cover Aluminum	Steel	Aluminum	Steel	Aluminum	Steel	L	W	D			Current	Potential
PTS6: 6 Jaw	9837-8200	9837-8201	9837-8202	9837-8203	9837-8204	9837-8205	20.0	12.0	4.5	20	RX Cl. Plate	#4-14	#8-14
	9837-8210	9837-8211	9837-8212	9837-8213	9837-8214	9837-8215	20.0	12.0	4.5	20	1" Hub Inst.	#4-14	#8-14
	9837-8220	9837-8221	9837-8222	9837-8223	9837-8224	9837-8225	20.0	12.0	4.5	20	1.25" Hub Inst.	#4-14	#8-14
	9837-8230	9837-8231	9837-8232	9837-8233	9837-8234	9837-8235	20.0	12.0	4.5	20	1.50" Hub Inst.	#4-14	#8-14
	9837-8240	9837-8241	9837-8242	9837-8243	9837-8244	9837-8245	20.0	12.0	4.5	20	Blank Top	#4-14	#8-14
PTS8: 8 Jaw	9837-8400	9837-8401	9837-8402	9837-8403	9837-8404	9837-8405	20.0	12.0	4.5	20	RX Cl. Plate	#4-14	#8-14
	9837-8410	9837-8411	9837-8412	9837-8413	9837-8414	9837-8415	20.0	12.0	4.5	20	1" Hub Inst.	#4-14	#8-14
	9837-8420	9837-8421	9837-8422	9837-8423	9837-8424	9837-8425	20.0	12.0	4.5	20	1.25" Hub Inst.	#4-14	#8-14
	9837-8430	9837-8431	9837-8432	9837-8433	9837-8434	9837-8435	20.0	12.0	4.5	20	1.50" Hub Inst.	#4-14	#8-14
	9837-8440	9837-8441	9837-8442	9837-8443	9837-8444	9837-8445	20.0	12.0	4.5	20	Blank Top	#4-14	#8-14
PTS13: 13 Jaw	9837-8500	9837-8501	9837-8502	9837-8503	9837-8504	9837-8505	20.0	12.0	4.5	20	RX Cl. Plate	#4-14	#8-14
	9837-8510	9837-8511	9837-8512	9837-8513	9837-8514	9837-8515	20.0	12.0	4.5	20	1" Hub Inst.	#4-14	#8-14
	9837-8520	9837-8521	9837-8522	9837-8523	9837-8524	9837-8525	20.0	12.0	4.5	20	1.25" Hub Inst.	#4-14	#8-14
	9837-8530	9837-8531	9837-8532	9837-8533	9837-8534	9837-8535	20.0	12.0	4.5	20	1.50" Hub Inst.	#4-14	#8-14
	9837-8540	9837-8541	9837-8542	9837-8543	9837-8544	9837-8545	20.0	12.0	4.5	20	Blank Top	#4-14	#8-14

GENERAL INFORMATION:	
Capacity:	20 amperes, 600 volts a.c.
Application:	Transformer-rated applications. Available with or without test switch and pre-wiring.
Enclosures:	14-gauge .063 aluminum or 16-gauge galvanized steel suitable for indoor or outdoor installation.
Terminals:	Set screw type .
Hubs:	Interchangeable 1", 1-1/4", 1-1/2"
Finish:	Aluminum unpainted unless specified. Steel enclosures have gray polyester powder coat finish.
Test Switches:	Standard 6 and 10 pole, 480-volt rated switches are available from stock. Special switches available upon request.

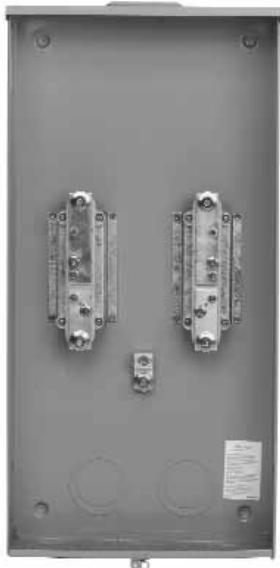


400A/480A Meter Mounting Equipment, Type K4, Residential Ⓢ

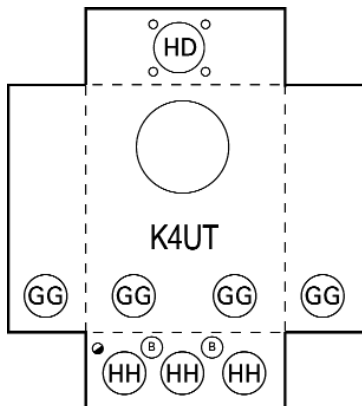
4 Terminal for 1 Phase, 3 Wire

Cont./Max Amp Rating	Service	Connectors Line	Connectors Load	Dimensions (in.)			Hub Opening	No. of Terms	Enclosure Material	Catalog Number
<i>Approved for Ameren</i>										
400	OH/UG	1/2-20 Stud	1/2-20 Stud	18.0	36.0	6.0	HD Cl. Plate	4	Steel	9810-8523
480	OH/UG	1/2-20 Stud	1/2-20 Stud	20.3	43.0	6.2	(2) HD Cl. Plates	5	Steel	9817-9404
<i>Approved for Kansas City Power and Light</i>										
480	OH/UG	1/2-20 Stud	1/2-20 Stud	18.0	36.0	6.0	HD Cl. Plate	7	Steel	9817-9564

① Optional Manual Bypass H56495 available, normally for utility use only - 2 required.

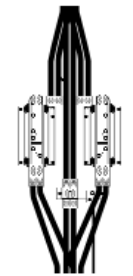


9810-8502



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

Residential Type K-4



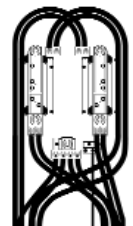
Overhead Parallel Conductor
2 - H58853
2 - H56425
1 - H56732



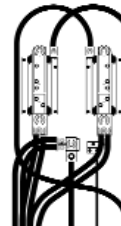
Overhead Single Conductor Line Parallel Conductor Load
2 - H58852
2 - H56425
1 - H56476
1 - H56732



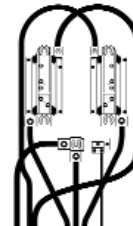
Overhead Single Conductor
4 - H58852
2 - H56476



Underground Parallel Conductor
2 - H58853
2 - H56732
1 - H56426



Underground Single Conductor Line Parallel Conductor Load
2 - H58852
2 - H56425
1 - H56476
1 - H56732



Underground
4 - H58852
2 - H56476



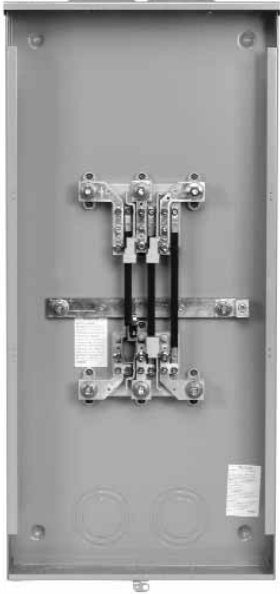
Residential/Commercial/Industrial
400/480 Amp - 7 Jaw - Ringless

400A/480A Meter Mounting Equipment, Type K-7, Residential/Commercial/Industrial Ⓞ
7 Terminal & 7 Terminal Side-Wired, Polyphase, 3 or 4 Wire, Wye or Delta

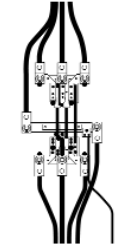
Cont./Max Amp Rating	Service	Connectors Line	Connectors Load	Dimensions (in.) W H D			Hub Opening	No. of Terms	Enclosure Material	Catalog Number
<i>Approved for Ameren</i>										
480	OH/UG	1/2-20 Stud	1/2-20 Stud	20.0	43.0	6.2	(2) HD Cl. Plates	7	Steel	9817-9504
<i>Approved for Kansas City Power and Light</i>										
480	OH/UG	1/2-20 Stud	1/2-20 Stud	20.0	43.0	6.2	(2) HD Cl. Plates	7	Steel	9817-9564

① All units are UL listed.
② Optional Manual Bypass H58888 available, normally for utility use only (3 required).

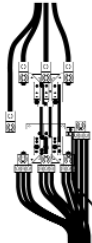
Residential Type K-7



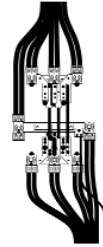
9817-9504



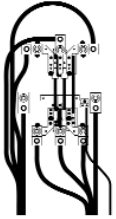
Overhead Single Conductor
8 - H56476



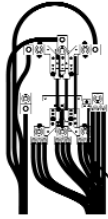
Overhead Single and Triple Load Feed
4 - H56476
4 - H68752-1



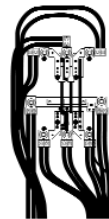
Overhead Parallel Conductor
8 - H56732



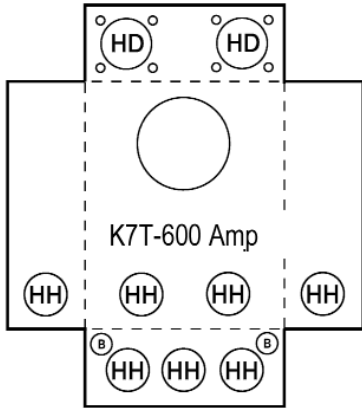
Underground Single Conductor
3 - H58852
5 - H56476



Underground Single Conductor Line Triple Conductor Load
3 - H58852
1 - H56476
4 - H67852-1



Underground Parallel Conductor
3 - H58853
5 - H56732



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



Residential
100/200 Amp - 4 & 5 Jaw - Ringless

100A/200A Meter Mounting Equipment, Type AP, Pedestal, Meter Main, Residential, Horn Bypass ①②

4 & 5 Terminal for 1 Phase, 3 Wire

Rating	Service	Connectors Line	Connectors Load	Dimensions (inches)			Main Breaker	Bypass	Catalog Number
				W	H	D			
<i>Approved for Commonwealth Edison</i>									
100/200	UG	4/0	#6-350 kcmil	8.0	64.5	4.5	None	Horn	UAP317-PPCH
100/200	UG	4/0	see breaker rating	8.0	64.5	4.5	200A provision	Horn	UAPB317-PPCH ④
100/200	UG	4/0	#4-1/0	8.0	64.5	4.5	100A inst.	Horn	UAPC311-PPCH ③⑤
100/200	UG	4/0	#2-1/0	8.0	64.5	4.5	125A inst.	Horn	UAPC318-PPCH ⑤
100/200	UG	4/0	4/0AL, 2/0 CU	8.0	64.5	4.5	150A inst.	Horn	UAPC314-PPCH ③⑤
100/200	UG	4/0	300 KCMIL AL, 4/0 CU	8.0	64.5	4.5	200A inst.	Horn	UAPC317-PPCH ③

- ① Pedestals are U.L. listed and CECHA approved.
- ② 5th terminal kit for field installation: S659-0121.
- ③ Build to order. Please contact sales representative for lead time.
- ④ UAPB317-PPCH has a provision for a 100-200 amp circuit breaker. See breaker table for details.
- ⑤ Breaker factory installed. See breaker table for replacement circuit breakers

Breaker Table

Amps	Circuit Breaker
100	L2100, Q2100
125	L2125, Q2125
150	LN2150, QN2150B
200	LN2200, QN2200B

Accessories

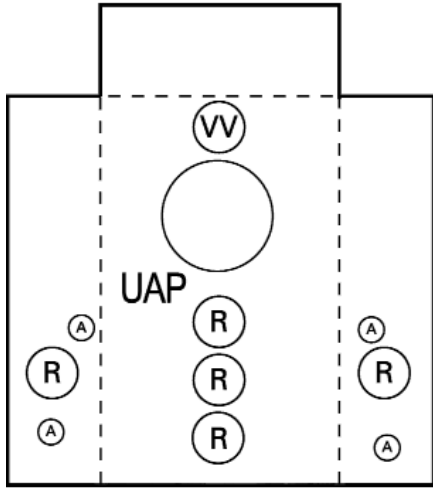
Item	Catalog Number
Bottom plate for free standing installation	5007714
Extension Kit	5007718



UAPB317-PPCH
(for use with main breaker)



UAP317-PPCH



KNOCKOUTS (inches):	
A:	1/2
R:	1, 1-1/4, 1-1/2, 2
VV:	2



Residential/Commercial/Industrial
200/320 Amp - 4, 5 & 7 Jaw - Type HQ

**200A/320A Continuous, Pedestal Type, Meter Mounting Equipment, Type HQ,
320A Meter Main, Residential/Commercial/Industrial ②③**

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

Rating	Type	Service	Connectors Line	Connectors Load	Dimensions (in.)			Main Breaker	Bypass	Catalog Number
					W	H	D			
<i>Approved for Commonwealth Edison</i>										
200	HQ-5P	UG	#6-350 kcmil	#6-350 kcmil	11	56	6	none	Lever	40405P-9CH ④
200	HQ-7P	UG	#6-350 kcmil	#6-350 kcmil	11	56	6	none	Lever	40407P-9CH
320	HQ-4SP	UG	(2)#6-350 kcmil	(2)#6-350 kcmil	13	56	5	none	Lever	47604P-9CH
320	HQ-4SPB	UG	(2)#6-350 kcmil	see breaker rating	13	56	5	(2)200A breakers	Lever	47604PB-9CH ⑤⑥

- ① Pedestals are U.L. listed and CECHA approved.
- ② Bypass mechanism is lever-operated, jaw pressure release with 100% bypass capacity.
- ③ These devices are not rated for use with disconnect sleeves.
- ④ HQ-5 for 3 wire service only. Includes center phase disconnect. 5th terminal in 9 o'clock position.
- ⑤ (2) Siemens type QJ breakers, factory installed.
- ⑥ Available 2004.

Accessories

Item	Catalog Number
Extension kit for 200 Amp	5007720
Extension kit for 320 Amp	5007719



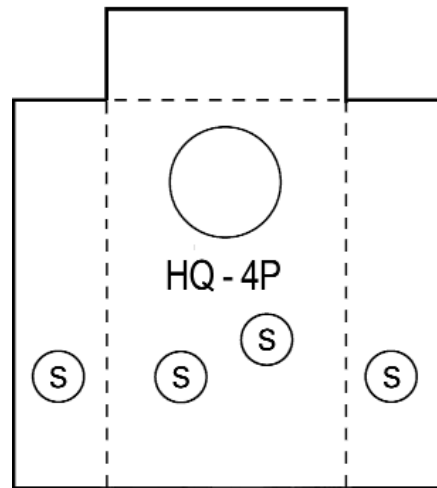
47604P-9CH



47604PB-9CH



40407P-9CH



KNOCKOUTS (inches):	
S:	1, 1-1/4, 1-1/2, 2, 2-1/2



Residential
100/200 Amp - Meter Mains

100A/200A Meter Mounting Equipment, Meter Main, Residential ①

4 & 5 Terminal for 1 Phase, 3 Wire

Rating	Service Line	Connectors Load	Dimensions (in.) W H D	Hub Opening	Main Breaker	No. Term. Bypass	Cover Style	Catalog Number
125	OH/UG	#6-250 KCMIL #2-1/0 CU, 2/0 AL	18.5 17.0 5.1	RX Cl. Plate	125A inst.	5	Horn	Ringless LGMM0202B1125RJBX ②⑤
150	OH/UG	#6-250 KCMIL #1-300 KCMIL	18.5 17.0 5.1	RX Cl. Plate	150A inst.	5	Horn	Ringless LGMM0202B1150RJBX ②⑤
200	OH/UG	#6-250 KCMIL #1-300 KCMIL	18.5 17.0 5.1	RX Cl. Plate	200A inst.	5	Horn	Ringless LGMM0202B1200RJBX ②⑤
100	OH	#14-2/0 #6-350 KCMIL	8.0 28.5 4.5	RX Opening	125A Prov.	4	Horn	Ringless UAB111-0PCH ③④
200	OH	#6-350 KCMIL see breaker rating	8.0 28.5 4.5	RX Opening	200A inst.	4	Horn	Ringless UAB317-0PCH ③⑤
200	OH/UG	#6-350 KCMIL see breaker rating	11.6 28.0 5.2	RX Cl. Plate	150-200A Prov.	4	None	Ringless UAB417-XPG
200	UG-SW	#6-350 KCMIL see breaker rating	13.1 25.1 5.2	Blank Top	150-200A Prov.	4	None	Ringless UAB877-PG
150	OH/UG	#6-250 KCMIL #1-300 KCMIL	16.0 17.0 5.1	RX Cl. Plate	150A inst.	4	None	Ring LGMM0202B1150
200	OH/UG	#6-250 KCMIL #1-300 KCMIL	16.0 17.0 5.1	RX Cl. Plate	200A inst.	4	None	Ring LGMM0202B1200

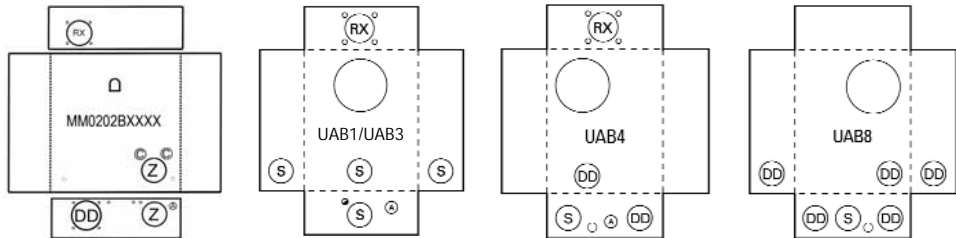
- ① All units are UL listed.
- ② 5th terminal factory installed
- ③ 5th terminal for field installation: H659-0121.

- ④ UAB111-0PCH has a provision for a 125 amp max. circuit breaker. See breaker table for details.
- ⑤ Breaker factory installed. See breaker table for replacement circuit breakers.

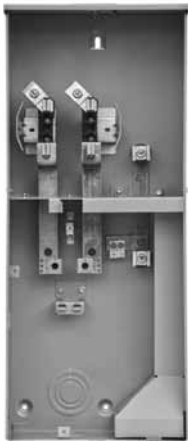
KNOCKOUTS (inches):	
○:	5/16 on UAB4, 5/16, 1/2 on UAB8
●:	1/4
A:	1/2
C:	1/2, 3/4, 1
S:	1, 1-1/4, 1-1/2, 2, 2-1/2
Z:	1-1/2, 2, 2-1/2
DD:	1-1/4, 1-1/2, 2, 2-1/2, 3
RX:	Ø2.750 HUB OP

Breaker Table

Amps	Circuit Breaker
100	Q2100
125	Q2125
150	QN2150
200	QN2200
UAB317	
200	QJ22B200



UAB317-0PCH



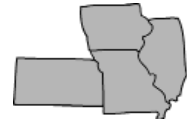
UAB417-XPG



UAB877-PG



LGMM0202B1200



Residential
200/400 Amp - Meter Mains

200A/400A Meter Mounting Equipment, Meter Main, Residential [Ⓞ]

4 & 5 Terminal for 1 Phase, 3 Wire

Rating	Service	Dimensions (in.)			Hub Opening	Main Breaker	No. Term.	Bypass	Cover Style	Catalog Number
		W	H	D						
200	OH/UG	30.0	14.0	5.0	RX Cl. Plate	200A inst.	4	None	Ringless	LG0408B1200RT
200	OH/UG	32.0	14.0	5.0	RX Cl. Plate	200A inst.	4	None	Ringless	LG0816B1200RCT
200	OH/UG	27.0	14.0	5.0	RX Cl. Plate	None	4	None	Ringless	LG0606L1200R
200	OH/UG	27.0	14.0	5.0	RX Cl. Plate	None	4	None	Ringless	LG0606L1200RA*
400	OH	29.0	27.0	6.0	HD Cl. Plate	None	4	Lever	Ringless	LG0404L1400RLM
400	OH	29.0	27.0	6.0	HD Cl. Plate	200A inst. space for one more 200A main	4	Lever	Ringless	LG0816B1400RLT

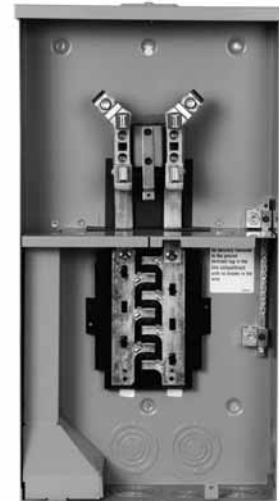
* Aluminum enclosure.



LG0408B1200RT
4 space, 8 circuit feed thru lugs



LG0816B1200RCT
8 space, 16 circuit feed thru lugs



LG0606L1200R
12 space, 6 circuit
LG0606L1200RA
2 or 4 pole breakers only



LG0404L1400RLM
Accepts 2 main breakers 60-200A each



LG0816B1400RLT
8 space, 10 circuit feed thru lugs

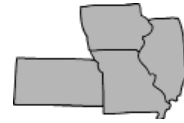
Circuit Breakers

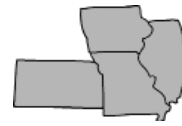
Features

- Plug in
- UL listed for use with Landis & Gyr branded meter combinations
- 1" Frame

Description	Amps	Catalog No.
1-Pole 120V	15	L115
1-Pole 120V	20	L120
2-Pole 120/240V	20	L220
2-Pole 120/240V	30	L230
2-Pole 120/240V	40	L240
2-Pole 120/240V	50	L250
2-Pole 120/240V	60	L260
2-Pole 120/240V	100	L2100
2-Pole 120/240V	125	L2125
4-Pole 120/240V	150	LN2150R
4-Pole 120/240V	200	LN2200R

Accessories	Catalog No.
Single Pole Padlocking Device	ECPLD1
Double Pole Padlocking Device	ECPLD2
4-Pole Padlocking Device	ECPQN3
Handle Blocking Device (1 & 2 Pole)	ECQL1





Air Conditioning Disconnects and Enclosed Receptacles

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 enclosures are 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	7.3	5.0	2.1
60	Fused Pullout	LF2060	10	8.0	5.0	2.1
60	Non-Fused Pullout	LN2060	10	7.3	5.0	2.1
60	Non-Automatic Switch	LNAS2060	10	7.3	5.0	2.1

Plastic AC Disconnects

Ampere Rating	Disconnect Type	Catalog No.	Horse Power Rating	Dimensions (inches)		
				H	W	D
30	Fused Pullout	LF2030PL	3	8.0	5.3	3.1
60	Fused Pullout	LF2060PL	10	8.0	5.3	3.1
60	Non-Fused Pullout	LN2060PL	10	7.3	5.0	2.1
60	Non-Fused Pullout	LN2060PLX	10	8.0	6.0	5.8

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	9.0	6.1	5.1
60	Fused Pullout	LF2060GFCI	10	9.0	6.1	5.1
60	Non-Fused Pullout	LN2060GFCI	10	7.1	5.8	5.1
60	Non-Automatic Switch	LNAS2060GFCI	10	7.1	5.8	5.1

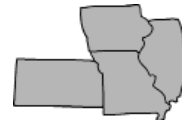
Enclosed Receptacles

Ampere Rating	Disconnect Type	Catalog No.	Receptacle Type	Dimensions (inches)		
				H	W	D
60	N/A	LGP1S	14-50R	7.1	5.8	5.2
30	N/A	LGP3S	TT30R	7.1	5.8	5.2

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

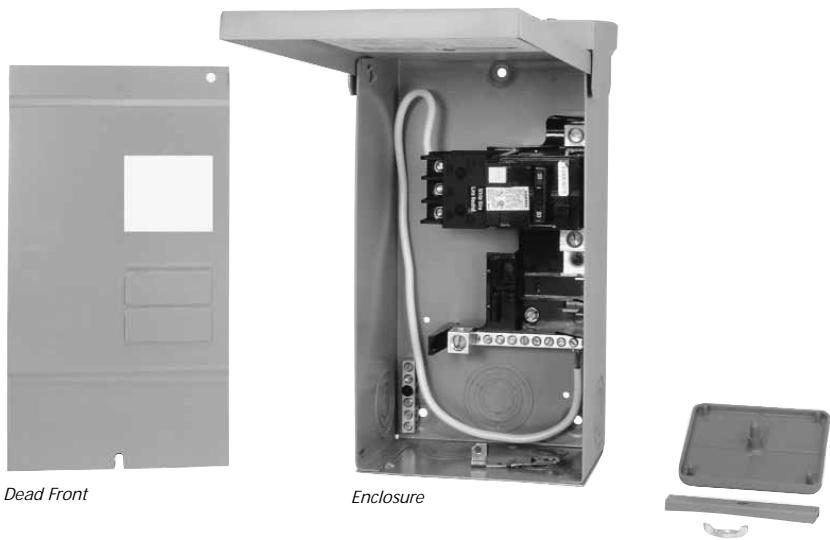
A C Disconnects
Fused and Non-Fused



Spa Panel
50 Amp and 60 Amp

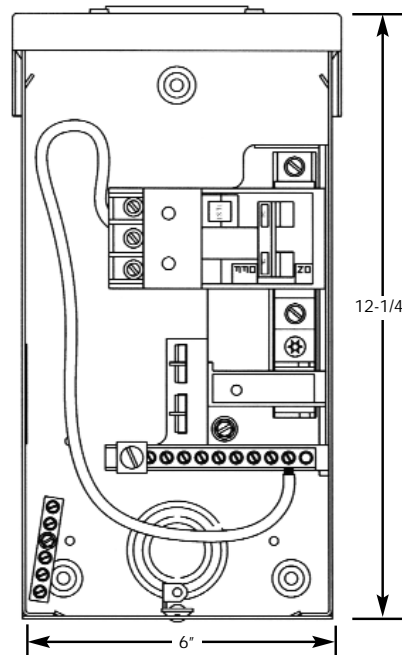
Spa Panel
For use as Spa/Hot Tub service disconnect

2-Pole GFCI Breaker	Dimensions (inches)			Catalog Number
	H	W	D	
50A	12.3	6.0	4.5	LGSPA50
60A	12.3	6.0	4.5	LGSPA60



Features and Benefits

- UL Listed
- Factory installed, 2-pole 50A or 60A 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

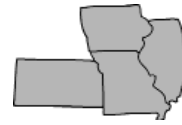




Connector Lugs

Connector Lugs

 <p>H55890 #6-350 KCMIL</p>	 <p>H55890-1 #6-350 KCMIL</p>	 <p>H56734 #6-250 KCMIL</p>	 <p>H37892 #4-500 KCMIL</p>
 <p>H57606-K #6-350 KCMIL</p>	 <p>H56476 #3/0-800 KCMIL</p>	 <p>H60162 (1) #4-600 KCMIL</p>	 <p>H61300 (2) 1/0-250 KCMIL</p>
 <p>H58022 (2) #6-250 KCMIL</p>	 <p>H56732 (2) #4-350 KCMIL</p>	 <p>H56732-1 (2) #4-350 KCMIL</p>	 <p>H56732-2 (2) #4-350 KCMIL</p>
 <p>H56732-M (2) #4-500 KCMIL</p>	 <p>H68752-1 (3) #6-250 KCMIL</p>	 <p>H56426 (4) #6-350 KCMIL</p>	 <p>H56477 3/0-800 KCMIL</p>
 <p>H56425 (2) #6-350 KCMIL</p>	 <p>H56425-M (2) #4-500 KCMIL</p>	 <p>H58852 3/0-800 KCMIL</p>	 <p>H56733 3/0-800 KCMIL</p>
 <p>H56427 (2) #6-350 KCMIL</p>	 <p>H56427-M (2) #4-500 KCMIL</p>	 <p>H58853 (2) #6-350 KCMIL</p>	 <p>H59299-1</p>



Connector Lugs

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.

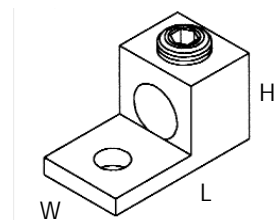
Allen or hex head pressure screws are furnished to provide excellent conductor spread for maximum binding action with the lug. All Landis & Gyr lugs are listed with Underwriters Laboratories.

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-4D	No	(2) #6-250 MCM	13/32"	5/16" Allen	2-3/16	1-5/8	1-3/16	H58022
HQ-5DM	Yes	#4-500 MCM	9/16"	3/8" Allen	2-13/16	1-1/2	1-9/16	H37892
HQ-7D		(1) #4-600 MCM	9/16"	1/2" Allen	2-13/16	1-3/8	1-13/16	H60162
HQ-7DF	No	or (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.





Accessories

Removable Hub Kits






	Conduit Size (inches)	Catalog Number
 Removable Hub	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	HD Type Hubs Large	
	3	H56856-2
	3-1/2	H56857-2
	4	H56858-2
	Cover Plate - Steel	H56933
	Cover Plate - Aluminum	H56933-1

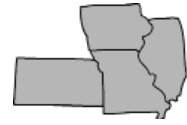
Sealing Rings

Description	Catalog Number
 Stainless Steel Snap Type	H54602
 Stainless Steel Screw Type *Requires 9738-8003 Locking Clip	9738-8001*

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 - w/lead HQ 5th Terminal Kit - 9:00	H35815-3 H35815-2
 Large to Small Adaptor - Steel	H9747-1113
 Large to Small Adaptor - Aluminum	H9747-1112

Description	Catalog Number
 HQ Isolated Neutral Kit *Includes Neutral and Isolation Block	H64685-1*
 Neutral Isolation Kit for HQ *Isolates Existing Neutral	H64690-1*
 Black Plastic Meter Opening Cover	H39968
 Clear Plastic Meter Opening Cover (with plug-in feet)	H659-0162
 Insulated Jumper * For up to 200A sockets only.	H36479*



Terms of Sale and Device Applications

Repair Parts Terms Of Sale

Repair Parts

Catalog Number	Block Assembly	Connector Screw Assembly	Neutral Screw Assembly
UAT111-0G	5005800H	1012013 (Screw Only)	1012013 (Screw Only)
UAT314-0G	5015830-2	200007-1	200009-1
UAT417-XG	5015830-2	200007-1	200009-1
All 200A Gang Sockets		(Load Side Only) 200008-1	200009-1

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: \$400 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
1-Phase 	Self-contained, 3 wire	2S	4 jaw 100A	UAT111
		2S	4 jaw 200A	UAT317, UAT417, HQ-4
		2SE	4 jaw 320A	HQ-4ST, HQ-4D
	Transformer-rated, 2 wire	2K	K-4 400/480A	K-4, K-4UT
		3S	6 jaw 20A	HQ-6T, HQ-6TS, PTS-6
Transformer-rated, 3 wire	4S	6 jaw 20A	HQ-6T, HQ-6TS	
3-Phase 3-Wire 	Self-contained	12S	5 jaw 100A	HQ-5
		12S	5 jaw 200A	HQ-5
		12SE	5 jaw 320A	HQ-5ST, HQ-5D
	Self-contained, bolt-in	12K	K-5 480/600A	K-5
	Transformer-rated	5S	8 jaw 20A	HQ-8T, HQ-8TS, PTS-8
3-Phase 4-Wire  Wye  or Delta 	Self-contained	14S	7 jaw 100/200/320A	CQ-7, HQ-7
		15S		
	Self-contained, bolt-in	14K	K-7 480/600A	K-7, K-7T
		15K		
		16K		
	Transformer-rated	6S	13 jaw 20A	HQ-13T, HQ-13TS, PTS-13
		8S		
9S				

Landis & Gyr Meter Mounting Devices
Siemens Industry, Inc.
Building Technologies Division
5400 Triangle Parkway
Norcross, GA 30092

www.landisandgyr.com

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