Represented by:

Gulf States Electrical Sales
6251 Equity Drive
Baton Rouge, LA 70809

Phone: (225) 753-1400
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Selection and Application Guide
For use in Louisiana and Mississippi

meter mounting EQUIPMENT

Landis & Gyr Meter Mounting Devices
Siemens Energy & Automation, Inc.
3333 Old Milton Parkway
Alpharetta, GA 30005

LANDIS & GYR

SEA Order No. RPSA-LG011-1103 New .5M1103PG Printed in USA

Contents

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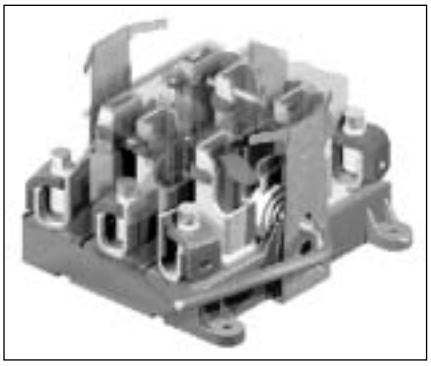
LANDIS & GYR

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 small or large hub opening?

A. A small hub opening will accept a 1" to 2-1/2" hub. A large 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 (Catalog No._____) meter socket?

A. For commercial devices, mechanical lugs are mounted on either 3/8" or 1/2" studs. The catalog page for each type of device lists the recommended lugs to use. Also, there are two pages of lug information in the back of each catalog. This information shows pictures of lugs, a table describing what size conductors they will handle and what device they are to be used in.

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 and interpret the date code?

A. For example, near the bottom of the information label, the date code will appear as "5002". This code indicates that the device was manufactured in the 50th week of 2002.

Q. What is the difference between the two styles of 320A meter sockets Landis & Gyr provides?

A. Landis & Gyr was the pioneer of class 320 metering. In the early days of 320A metering, it was believed that heavy-duty connectors and jaw assemblies were necessary to withstand this "high" amperage. Landis & Gyr introduced the HQ-D block, which has heavy copper connectors and 1/2" studs for mounting mechanical lugs. This device was designed to be ultra safe and durable. Recent testing has proven that smaller connectors and 3/8" studs can withstand 320A continuous duty. Landis & Gyr also offers a lighter duty 320A HQ-S block. There are still many utilities that require the heavy-duty HQ-D block, because they feel that it is a safer device.

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.

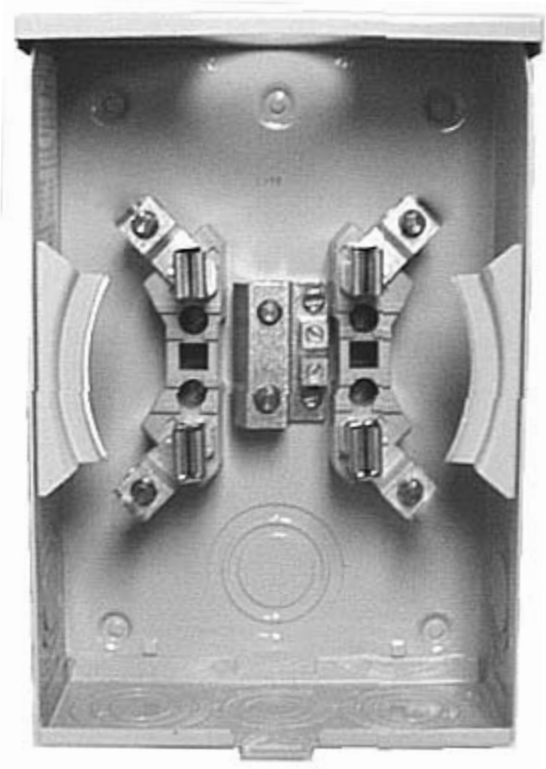
LANDIS & GYR

135A Meter Mounting Equipment, Residential ①②

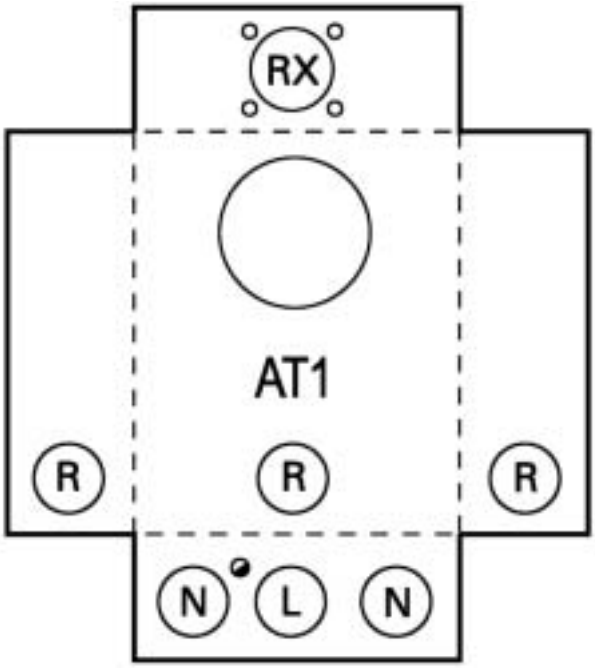
4 & 5 Terminal for 1 Phase, 3 Wire

Cont. Amp Rating	Type	Service	Connectors Line	Load	Dimensions (inches) W	H	D	Hub Opening	Bypass	Enclosure Material	Catalog Number
135	AT1	OH/UG	#14-2/0	#14-2/0	8	11.7	3.6	RX Opening	None	Steel	**UAT111-0G**
135	AT1	OH/UG	#14-2/0	#14-2/0	8	11.7	3.6	RX Opening	None	Aluminum	**UAT131-0G**

① All units are UL listed and include a quad neutral.
② 5th terminal for field installation: 659-0121.



UAT111-0G



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 0P

LANDIS & GYR

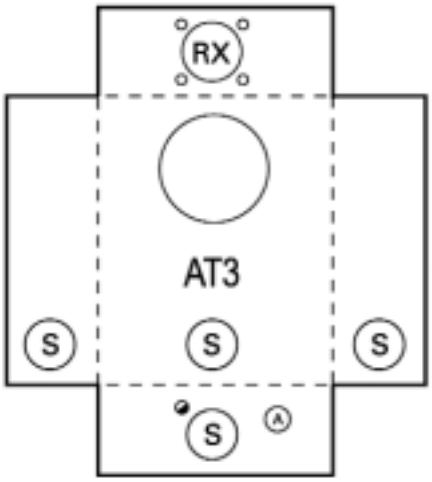
160A & 200A Meter Mounting Equipment, Residential ①②

4 & 5 Terminal for 1 Phase, 3 Wire

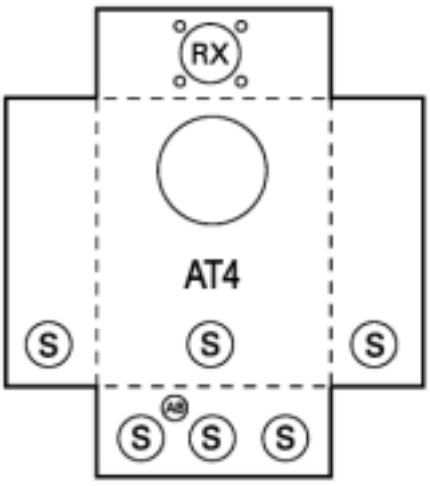
Cont. Amp Rating	Type	Service	Connectors Line	Connectors Load	Dimensions (inches) W	H	D	Hub Opening	Bypass	Enclosure Material	Catalog Number
160	AT3	OH	#6-350 MCM	#6-350 MCM	8	14.8	4.5	RX Opening	None	Steel	**UAT314-0G**
200	AT3	OH	#6-350 MCM	#6-350 MCM	8	14.8	4.5	RX Opening	None	Steel	**UAT317-0G**
200	AT3	OH	#6-350 MCM	#6-350 MCM	8	14.8	4.5	RX Opening	None	Aluminum	**UAT337-0G**
200	AT3	OH	#6-350 MCM	#6-350 MCM	8	14.8	4.5	RX Opening	None	Steel	**UAT317-0MXA***
200	AT4	OH/UG	#6-350 MCM	#6-350 MCM	11	14.8	4.5	RX Opening	None	Steel	**UAT417-0G**
200	AT4	OH/UG	#6-350 MCM	#6-350 MCM	11	14.8	4.5	RX Cl. Plate	None	Steel	**UAT417-XG**
200	AT4	OH/UG	#6-350 MCM	#6-350 MCM	11	14.8	4.5	RX Cl. Plate	None	Aluminum	**UAT437-XG**

① All units are UL listed and include a quad neutral.
② 5th terminal for field installation: 659-0121.

UAT317-0G



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
RX:	∅2.750 HUB 0P

LANDIS & GYR

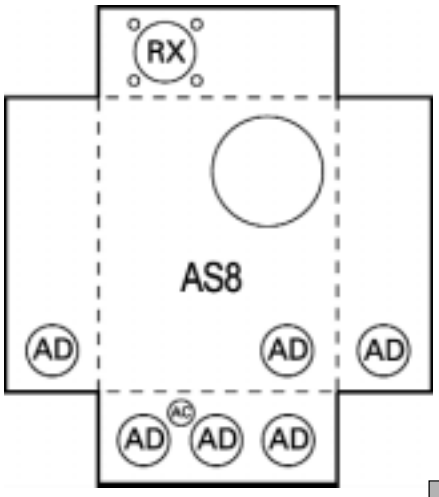
200A Meter Mounting Equipment, Side Wired, Residential ①②

4 & 5 Terminal for 1 Phase, 3 Wire

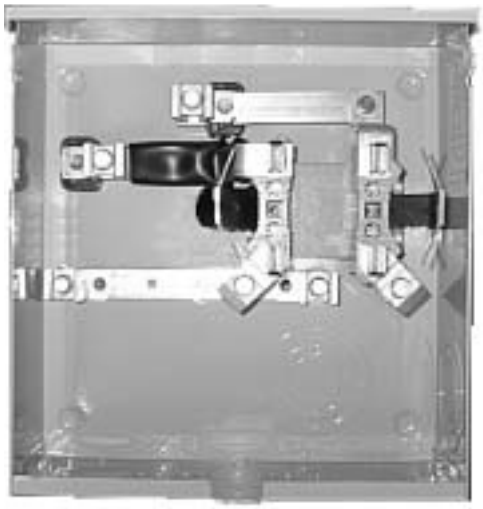
Cont. Amp Rating	Type	Service	Connectors Line	Connectors Load	Dimensions (in.) W	H	D	Hub Opening	Bypass	Meter Opening	Enclosure Material	Catalog Number
200	AS8	UG	#6-350 MCM	#6-350 MCM	13	14	5.1	None	None	Right	Steel	**UAS877-PG ③**
200	AS8	UG	#6-350 MCM	#6-350 MCM	13	14	5.1	None	None	Left	Steel	**UAS817-P0XA ④**

① All units are UL listed.
② All units shown are supplied with ground lug.
③ 5th Terminal Kit for field installation: 659-0121.
④ 5th terminal in 9 o'clock position included

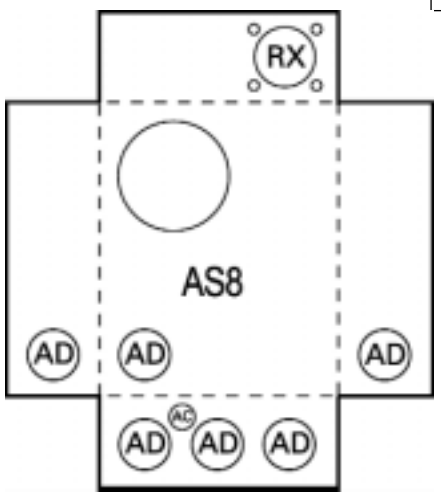
UAS817-P0XA
(5th terminal not pictured)



KNOCKOUTS (inches):	
AC:	1/4, 1/2
AD:	1-1/4, 1-1/2, 2, 2-1/2, 3
RX:	∅2.750 HUB 0P



UAS877-PG



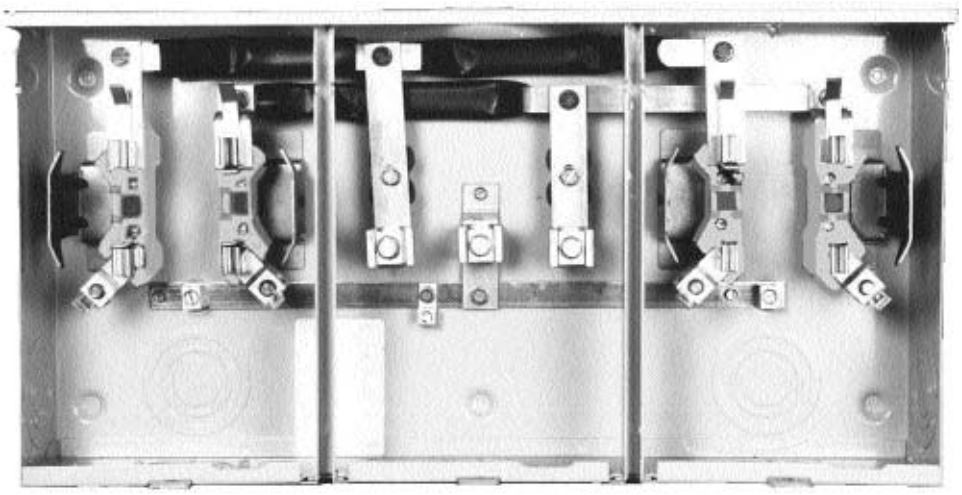
LANDIS & GYR

100A & 150A/Position Meter Mounting Equipment, Horizontal Gang, Residential ①②④

4 & 5 Terminal for 1 Phase, 3 Wire

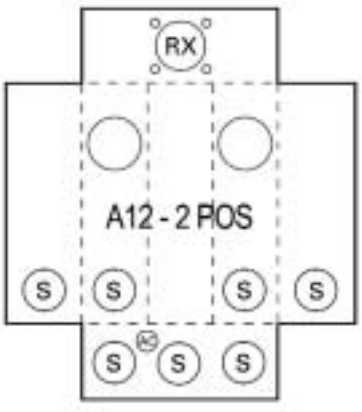
No. Pos.	Cont. Amp Rating	Overall Ampacity	Connectors Line	Connectors Load	Dimensions (inches) W	H	D	Hub Opening	Bypass	Enclosure Material	Catalog Number
2	100	100	#6-350 MCM	#14-2/0	24	12	4.5	RX Opening	None	Steel	**UA2311-0G**
2	150	150	#6-350 MCM	#6-350 MCM	24	12	4.5	RX Opening	None	Steel	**UA2313-0G**
3	100	135	#6-350 MCM	#14-2/0	32	12	4.5	RX Opening	None	Steel	**UA3311-0G**
3	150	203	#6-350 MCM	#6-350 MCM	32	12	4.5	RX Opening	None	Steel	**UA3313-0G**
4	100	180	#6-350 MCM	#14-2/0	32	12	4.5	RX Opening	None	Steel	**UA4311-0G**
4	150	270	#6-350 MCM	#6-350 MCM	40	12	4.5	RX Opening	None	Steel	**UA4313-0G ③**

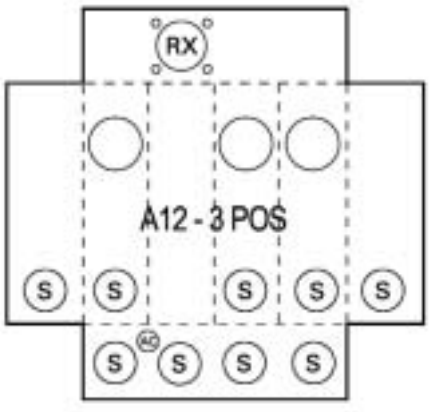
① All units are UL listed and are equipped with a ground lug.
② All sockets are suitable for either overhead or underground feed.
③ Line side lugs rated for CU wire only.
④ 5th terminal for field installation: 659-0121.

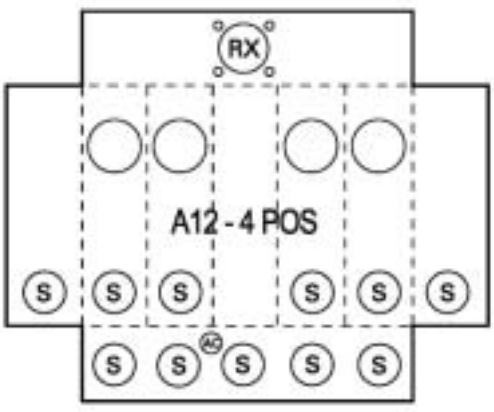


UA2311-0G

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







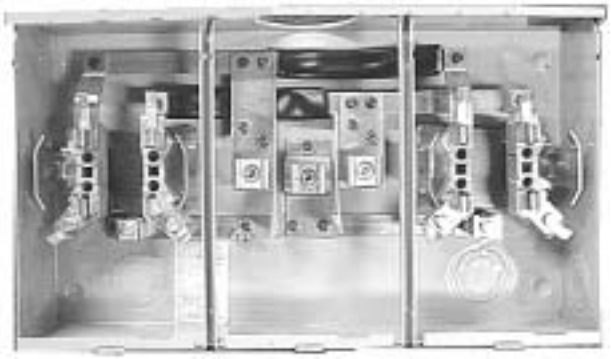
LANDIS & GYR

200A/Position Meter Mounting Equipment, Horizontal Gang, Residential ①②

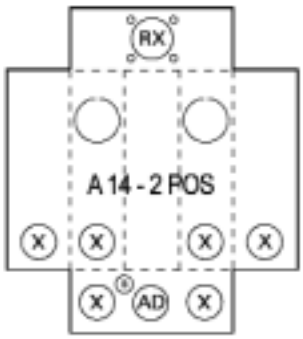
4 & 5 Terminal for 1 Phase, 3 Wire

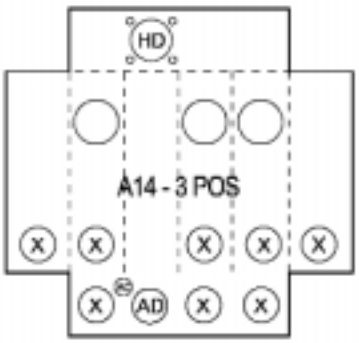
No. Pos.	Cont. Amps Per Pos.	Overall Ampacity	Connectors Line	Connectors Load	Dimensions (in.) W	H	D	Hub Opening	Bypass	Enclosure Material	Catalog Number
2	200	200	#6-350 MCM	#6-350 MCM	24	14.5	5.12	RX Cl. Plate	None	Steel	**UA2716-XG**
3	200	270	#1/0-600 MCM	#6-350 MCM	32	14.5	5.12	HD Cl. Plate	None	Steel	**UA3717-ZG**
4	200	360	(2) #1/0-600 MCM	#6-350 MCM	43	14.5	5.12	HD Cl. Plate	None	Steel	**UA4719-ZG**
5	200	450	(2) #1/0-600 MCM	#6-350 MCM	51	14.5	5.12	(2) HD Cl. Plates	None	Steel	**UA5719-MG**
6	200	528	(2) #1/0-600 MCM	#6-350 MCM	59	14.5	5.12	(2) HD Cl. Plates	None	Steel	**UA6719-MG**

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

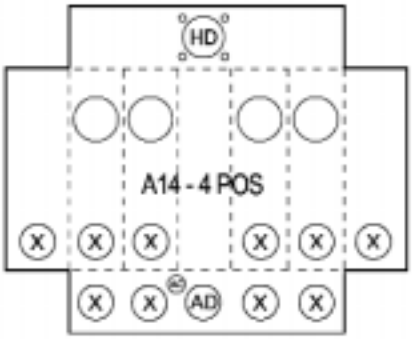


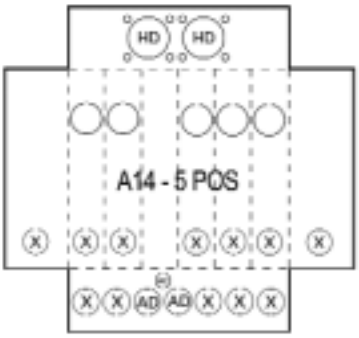
UA2716-XG

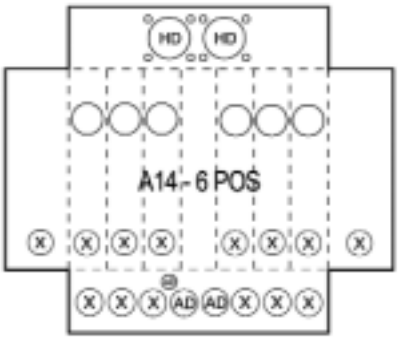




KNOCKOUTS (inches):	
B:	1/2, 3/4
X:	1-1/4, 1-1/2, 2, 2-1/2
AC:	1/4, 1/2
AD:	1-1/4, 1-1/2, 2, 2-1/2, 3
HD:	∅4.281 HUB 0P







LANDIS & GYR

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

5 Terminal for 1 Phase or 3 Phase, 3 Wire ⑥ • 7 Terminal for Polyphase, 3 or 4 Wire, Wye or Delta

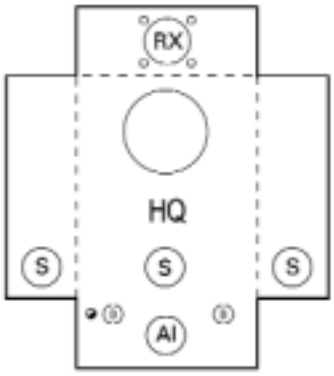
Cont. Amp Rating	Type	Service	Connectors	Dimensions (in.) W	H	D	Hub Opening	Enclosure Material	Catalog Number
200	HQ-5	OH	#6-350 MCM	10	17	5.2	RX Opening	Steel	**40005-01F ④⑤**
200	HQ-5U	OH/UG	#6-350 MCM	13	19	5.1	RX Opening	Steel	**40405-015F ④⑤**
200	HQ-5CND-2W	UG	#6-350 MCM	16	20	5.1	RX Opening	Steel	**9804-9127 ④⑤**
200	HQ-7	OH	#6-350 MCM	10	17	5.2	RX Opening	Steel	**40007-01F**
200	HQ-7U	OH/UG	#6-350 MCM	13	19	5.2	RX Cl. Plate	Steel	**40407-025**
200	HQ-7-2W	OH/UG	#6-350 MCM	16	20	5.1	RX Cl. Plate	Steel	**9804-9126**

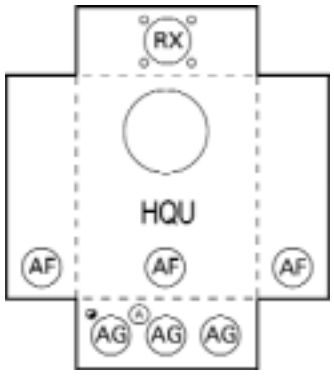
① All units are UL listed, and are supplied with a ground lug (except 40407-025).
② Bypass mechanism is lever-operated, jaw pressure release with 100% bypass capacity.
③ Disconnect sleeves should not be used with these devices.
④ 5th terminal is in the 6 o'clock position.
⑤ These units are not for use with 3 phase, 4 wire service.
⑥ 3 phase, 3 wire application requires the neutral to be insulated.

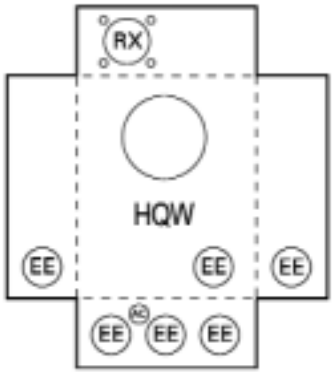
40005-01F

40405-015F

9804-9127







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:	∅2.750 HUB 0P

LANDIS & GYR

320A Continuous/400A Maximum Meter Mounting Equipment, Type HQ-Heavy Duty, Residential/Commercial/Industrial ①②③④⑤

4 Terminal for 1 Phase, 3 Wire • 7 Terminal for 4 Wire, Wye or Delta

Cont. Amp Rating	Type	Service	No. of Terminals	Connectors	Dimensions (in.) W	H	D	Hub Opening	Enclosure Material	Catalog Number
320/400	HQ-4SUT	OH/UG	4	3/8-24 Stud	13	28	5	HD Opening	Steel	**47604-02QG ⑥⑦**
320/400	HQ-4SWT	OH/UG	4	3/8-24 Stud	16	31	5.1	HD Cl. Plate	Steel	**48104-02CH**
320/400	HQ-7D	OH/UG	7	1/2-20 Stud	14	28	6	HD Opening	Steel	**47707-01FL**
320/400	HQ-7DSW	OH/UG	7	1/2-20 Stud	20	34	6	HD Cl. Plate	Steel	**44707-02FL ⑦**

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 Lugs are not included on these devices. Recommended lugs for these units: 60162.
⑤ See pages 14 and 15 for other available lugs.
⑥ Device includes 2 ground lugs.
⑦ These sockets include safety shield with phase barriers.

KNOCKOUTS (inches):

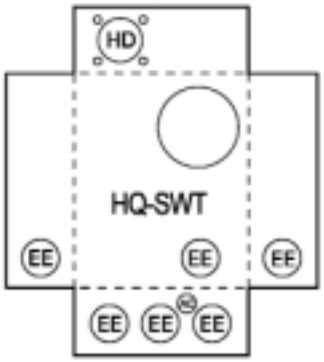
◑:	1/4
A:	1/2
B:	1/2, 3/4
EE:	2, 2-1/2, 3
GG:	2-1/2, 3, 3-1/2
HH:	2-1/2, 3, 3-1/2, 4
AC:	1/4, 1/2
AE:	1/4, 1/2, 3/4, 1, 1-1/4
AG:	3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3
HD:	∅4.281 HUB 0P

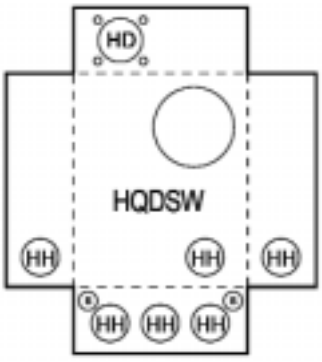
48104-02CH
(lugs not included)

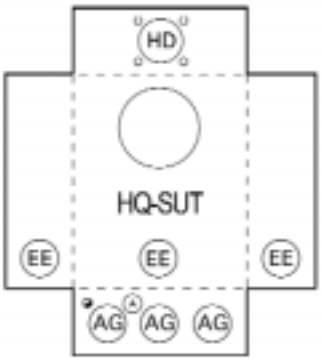
44707-02FL
(lugs not included)

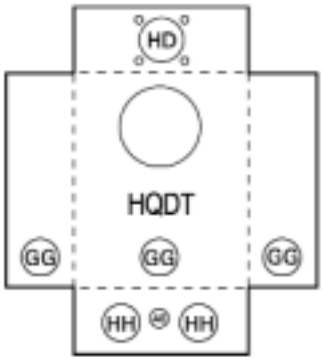
47604-02QG

47707-01FL







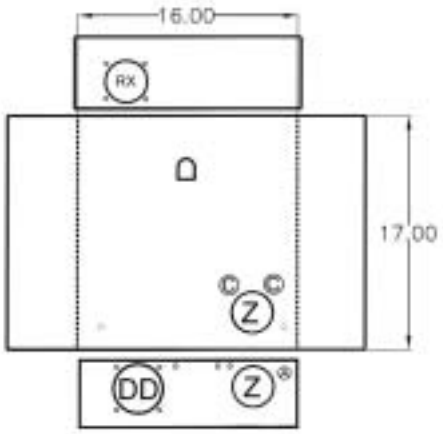


125A/200A Meter Mounting Equipment, Meter Main, Residential, ①④

4 & 5 Terminal for 1 Phase, 3 Wire

Rating	Service	Connectors Line	Connectors Load	Dimensions (in.) W	H	D	Hub Opening	Main Breaker	Bypass	Catalog Number
125	OH/UG	#6-250 kcmil	#2-1/0 CU, 2/0 AL	16	17	5	RX Cl. Plate	125A inst.	Horn	**LGMM0202B1125RJB ②③**
150	OH/UG	#6-250 kcmil	#1-300 kcmil	16	17	5	RX Cl. Plate	150A inst.	Horn	**LGMM0202B1150RJB ②③**
200	OH/UG	#6-250 kcmil	#1-300 kcmil	16	17	5	RX Cl. Plate	200A inst.	Horn	**LGMM0202B1200RJB ②③**

① All units are UL listed.
② 5th terminal factory installed
③ Breaker factory installed.
④ Ring type devices available. Contact sales office.



KNOCKOUTS (inches):	
◑:	1/4
A:	1/2
C:	1/2, 3/4, 1
Z:	1-1/2, 2, 2-1/2
DD:	1-1/4, 1-1/2, 2, 2-1/2,3
RX:	∅2.750 HUB 0P

Power Outlet Panels

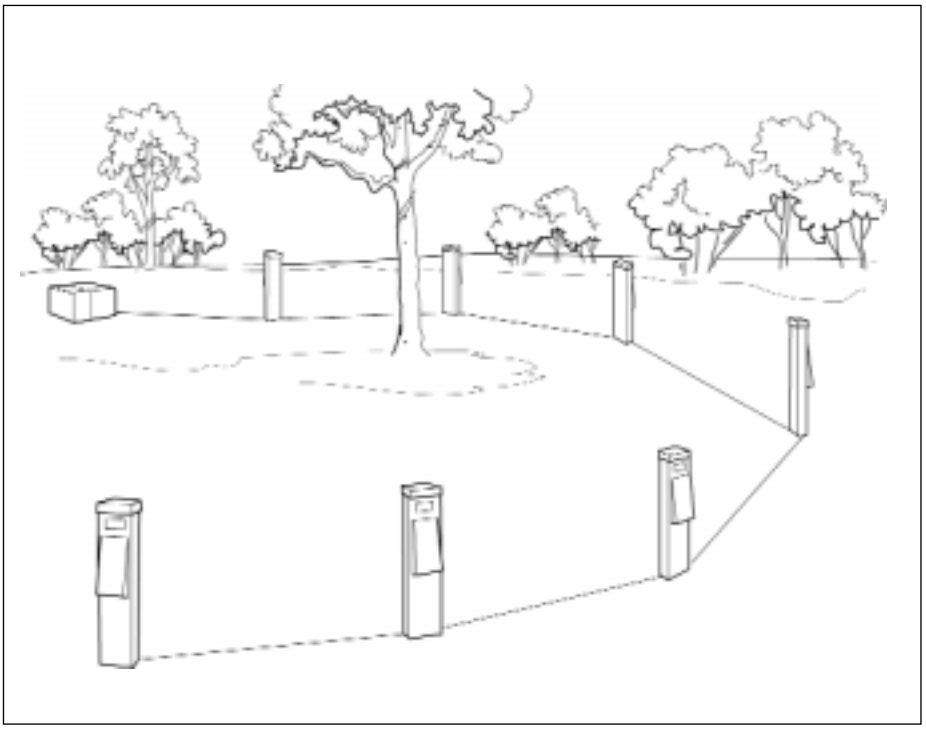
Types Of Systems

Whether you are lying out a loop-feed system or a radial-feed system, Landis & Gyr can support your needs not only with what are considered to be the best power outlets in the industry, but also with the entire scope of electrical distribution equipment you are likely to need.

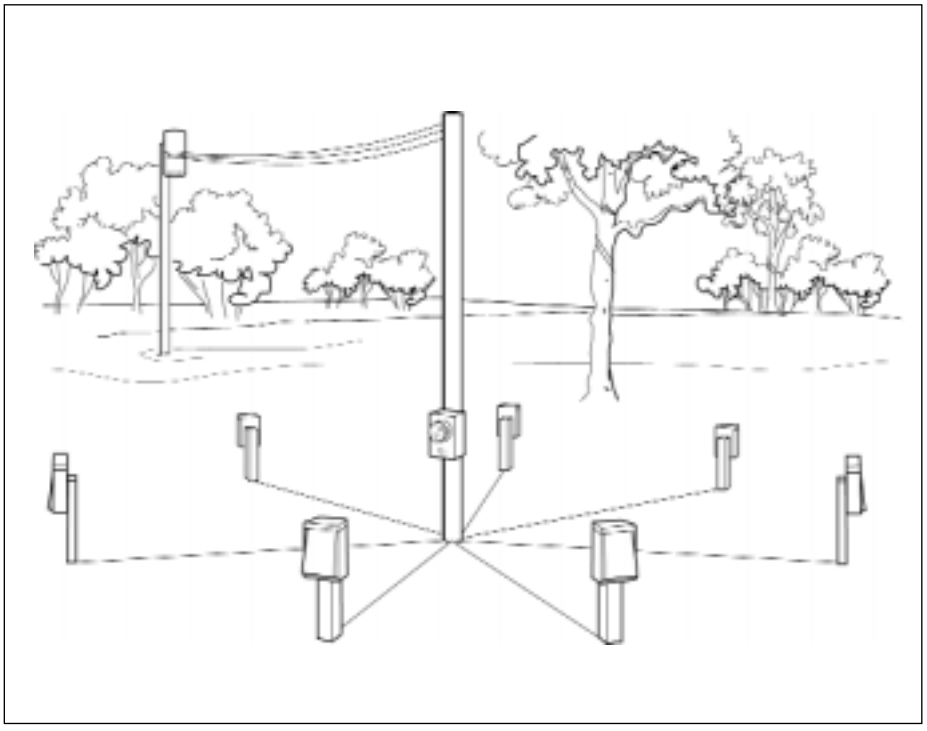
All Landis & Gyr power outlets are 100% factory prewired with copper conductors and include commercial grade receptacles protected by reliable Siemens circuit breakers. The devices are a rugged design manufactured with G90 galvanized steel and protected by a fade and scratch-resistant powder coat finish.

We invite you to customize your power outlet panel to specifically meet your temporary and/or RV site electrical distribution needs. If the power outlet you need is not listed in our standard offering, create your own panel by using the easy to read catalog numbering system on page 19.

For orders greater than 75 units, we will powder coat the devices with the color of your choice; depending on the color, at no additional charge. We can also provide stainless steel enclosures. Please contact your sales representative for additional information.



Loop-Feed System (pedestal devices only)



Radial-Feed System (all devices)
-Disconnect not shown

LANDIS & GYR

Power Outlet Panels
Features and Benefits

Enclosures

❶ **Rainproof**
Rainproof NEMA Type 3R construction.

❷ **Quality Finish**
All sheet metal components are powder coated with the highest quality finish and fabricated with G90 galvanized steel.

❸ **Installation Ease**
Three raised mounting embosses make installation a snap.

❹ **Removable Deadfronts**
Easily removable upper and lower deadfronts allow easy access to internal components for ease of installation.

❺ **Theft Resistant**
The padlock provisions and elevated upper deadfront design prevent unauthorized removal of the plugs or access to the breakers.

❻ **Meters Top or Bottom**
Metered units are available with meters at the top or bottom.
- Ring and ringless type meter covers available.
- Utility grade, Landis & Gyr meter socket base .
- Units with meter at bottom are ideally suited for underground feeds.

❼ **Removable Door**
Sloped door allows additional room for plugs and is designed with aesthetic forms to add rigidity and sturdiness.

❽ **Overhead/Underground Feeds**
Surface devices have provisions for overhead and underground feeds.
- For an overhead feed, use a readily available Type RX interchangeable hub. Closure plate is factory installed.
- For an underground feed, an extensive variety of easily removable knockouts are provided.

❾ **Light Option**
Lighted option to assist with nighttime site location and operation. Light provisions are the longest lasting and have the lowest operating cost in the industry. (light runs continuously and consists of a 16 bulb low wattage LED)

Pedestals

❿ **One-Piece Construction**
Rigid, one-piece pedestal construction for all earth and pad mounted devices. Thoroughly tested for torsion and flexing resistance.

⓫ **Block Assembly**
Loop-feed block assembly provides connectors capable of 350 kcmil conductors. Available on pedestal devices).

⓬ **Pad Mount**
Pad mounted devices are available. (not shown)

⓭ **Pedestal Extension and Stabilizer Feet**
Pedestal extension and stabilizer feet are available. (not shown)

Interiors

⓮ **Bus Bars**
Plated copper bus bars provide the best protection against corrosion.

⓯ **Copper Conductors**
Ready to use! All internal components are factory prewired with copper conductors.

⓰ **Circuit Protection**
All receptacles are protected by lifetime warranted Siemens circuit breakers.

⓱ **Receptacles**
Impact-resistant, thermoplastic, commercial grade receptacles.

⓲ **GFCI Protection**
All 125 volt, 20 amp receptacles have GFCI protection. Siemens GFCI circuit breakers are available to provide protection for 20-50 amp receptacles

⓳ **Wire Connectors**
All wire connectors are suitable for use with copper or aluminum wire. (not shown)

Colors

⓴ **Optional Paint Colors**
Optional paint colors are available on orders over 75 units.

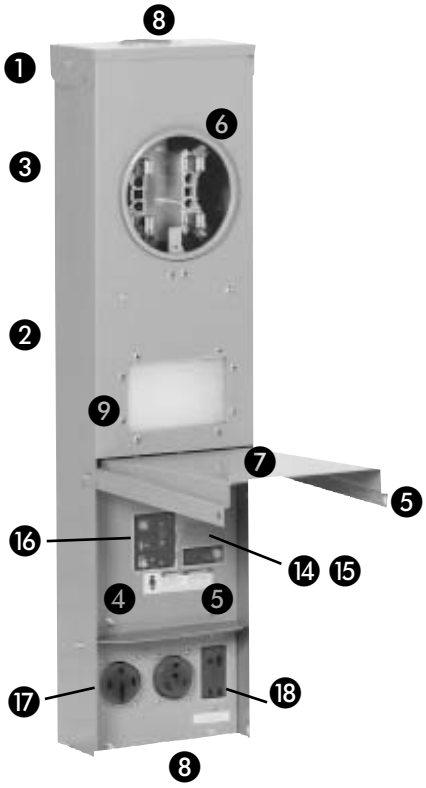
Accessories

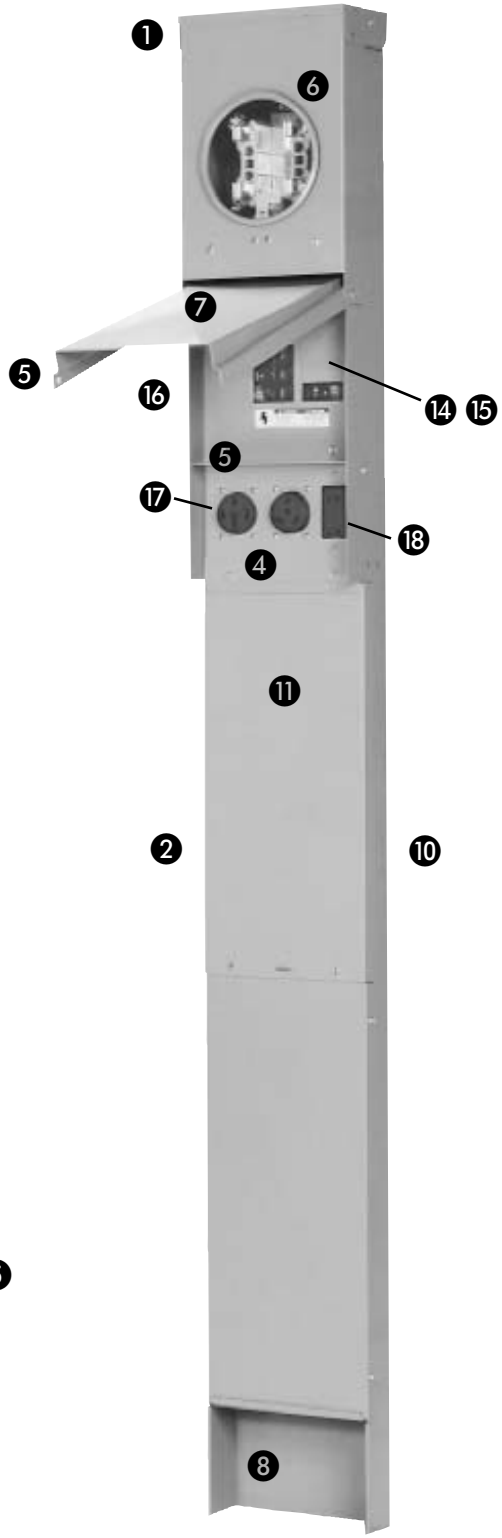
㉑ **Hubs and 5th Terminal Kit**
All power outlet panels accept Landis and Gyr hubs and 5th terminal kits.

LANDIS & GYR

Power Outlet Panels

Features and Benefits





Power Outlet Panels

Catalog Numbering System

1 ①	2 ①	3	4	5 ①	6 ①	7	8	9	10
LGP	□	□	□	□	□	□	□	□	□

2 ① RECEPTACLE / **4 RECEPTACLE**

3 RECEPTACLE

RECEPTACLE CONFIGURATIONS

1	14-50R	125/250V	50A	
1F	Designates GFCI Circuit Breaker Protection			
2	14-30R	125/250V	30A	
2F	Designates GFCI Circuit Breaker Protection			
3	TT30R	125V	30A	
3F	Designates GFCI Circuit Breaker Protection			
4	L6-30R	250V	30A	
4F	Designates GFCI Circuit Breaker Protection			
5	6-20R	250V	20A	
5F	Designates GFCI Circuit Breaker Protection			
6	L5-20R	125V	20A	
6F	Designates GFCI Circuit Breaker Protection			
7	5-20R2GFI	125V	20A	
8F	5-20R2	125V	20A	
	Designates GFCI Circuit Breaker Protection			
9	L5-30R	125V	30A	

① Required fields.
② For use on Pedestal Devices.
③ All lighted devices require either a 5-20R2GFI receptacle or a QF120 circuit breaker. For use on unmetered or top metered devices.
④ Devices with two outlets with a total amperage of 60 amps or less have factory ready provisions for an additional 1-pole circuit breaker. Devices with three outlets with a total amperage of 100 amps or less have factory ready provisions for an additional 1-pole circuit breaker.

5 ① METER

- **U=** Unmetered
- **RT=** Metered Ringless Type (Meter at top)
- **T=** Metered Ring Type (Meter at top)
- **RB=** Metered Ringless Type (Meter at bottom)
- **B=** Metered Ring Type (Meter at bottom)

6 ① TYPE

- **S=** Surface
- **P=** Pedestal (Earth Mount)
- **M=** Pedestal (Pad Mount)
- **2B=** Pedestal (Back-To--Back, Earth Mount)
- **2M=** Pedestal (Back-To-Back, Pad Mount)

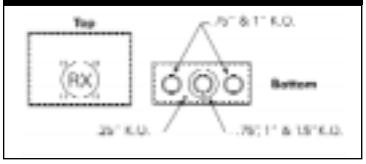
7 X ② Cable and Telephone

8 L ③ Lighted

9 W ② Water

10 K ④ Extra 1-Pole Circuit Breaker. Provisions

STANDARD KNOCKOUT PATTERN FOR SURFACE MOUNT DEVICES



EXAMPLE 1: (Catalog No. LGP1F38FTSXL)

Given specifications:
- 50A, 125/250V receptacle with GFCI circuit breaker.
- 30A, 125V receptacle with a standard circuit breaker
- 20A, 125V receptacle with GFCI circuit breaker
- Ring type meter at the top
- Pedestal mount device
- Cable and telephone provisions
- Light option

Step 1
Start with the power receptacle product line prefix identifier: **(LGP)**
Step 2
Choose the first receptacle and its circuit breaker type: **(1F)**
Step 3
Choose the second receptacle and its circuit breaker type: **(3)**
Step 4
Choose the third receptacle and its circuit breaker type: **(8F)**
Step 5
Choose the utility grade meter type: **(T)**
Step 6
Choose the device mounting type: **(P)**
Step 7
We have a variety of options you can add to your panel, including cable and telephone, and water. Add cable and telephone option here: **(X)**
Step 8
Add the light option here: **(L)**

EXAMPLE 2: (Catalog No. LGP5F8FUS)

Given specifications:
- 20A, 125V receptacle with GFCI circuit breaker.
- 20A, 250V receptacle with GFCI circuit breaker
- Unmetered
- Surface device

Step 1
Start with the power receptacle product line prefix identifier: **(LGP)**
Step 2
Choose the first receptacle and its circuit breaker type: **(5F)**
Step 3
Choose the second receptacle and its circuit breaker type: **(7)**
Step 4
Choose the utility grade meter type: **(U)**
Step 5
Choose the device mounting type: **(S)**

Remember
If the power outlet panel you need is not listed in our standard offering, you can build your own catalog number using these three basic guidelines:
- No more than three receptacles per device
- Total receptacle amperage may not exceed more than 125 amps
- The receptacles must be configured from left to right, following a top to bottom sequence from the catalog numbering system seen on this page.

LANDIS & GYR

Power Outlet Panels

Most Popular Devices

Surface - Unmetered

Catalog Number
LGP17US
LGP77US
LGP1F7US
LGP37US
LGP1F77US
LGP137US
LGP577US
LGP9US
LGP5F77US

Surface - Metered, Top Feed

Catalog Number
LGP77TS
LGP77RTS
LGP577TS
LGP1F7RTS
LGP1F7TS
LGP177TS
LGP1F77RTS

Surface - Metered, Bottom Feed

Catalog Number
LGP177RBS
LGP77RBS
LGP17RBS
LGP5F77RBS
LGP1F7RBS
LGP1F77RBS
LGP77BS

Pedestal - Unmetered

Catalog Number
LGP137UP
LGP37UP

Pedestal - Metered

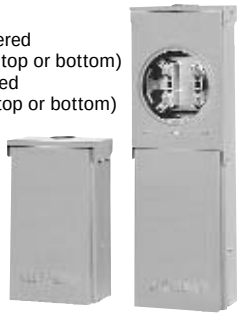
Catalog Number
LGP137RTP
LGP137TP

Pedestal - Unmetered Back to Back

Catalog Number
LGP137U2B
LGP37U2B

Surface

- Unmetered
- Ring Type Metered (Meter at top or bottom)
- Ringless metered (Meter at top or bottom)
- Lighted



Earth Mount Pedestals

- Unmetered
- Ring Type (Metered)
- Ringless Type (Metered)
- Lighted
- Cable and Telephone
- Water

Pad Mount Pedestals

- Unmetered
- Ring Type (Metered)
- Ringless Type (Metered)
- Lighted
- Cable and Telephone
- Water

Back to Back Earth Mount Pedestals

- Unmetered
- Ring Type (Metered)
- Ringless Type (Metered)
- Lighted
- Cable and Telephone
- Water

Back to Back Pad Mount Pedestals

- Unmetered
- Ring Type (Metered)
- Ringless Type (Metered)
- Lighted
- Cable and Telephone
- Water

LANDIS & GYR

Air Conditioning Disconnects

Fused① and Non-Fused

Features

- Ample Wiring Space
- Rugged Design
- Numerous Knockouts
- Raised Mounting Embosses
- Copper Conductors
- Fuse Holder
- Pullout Switch
- Removable Door
- Meets National Electrical Code® Requirements

Benefits

- The larger enclosure allows for ample wiring space.
- Manufactured with powder coated G90 galvanized steel for fade, scratch and corrosion resistance.
- All (6) knockouts are easy to remove. The sidewall knockouts provide access from the sides of the device. Every knockout has 1/2", 3/4" and 1" provisions.
- (4) Raised mounting embosses keep the unit away from the wall, preventing dirt build-up. The upper mounting hole is shaped to be used as a hanger.
- Copper current carrying part allows for a cooler, longer lasting operation.
- The easy to remove pullout securely holds the fuses in place. The fuse holder design allows you to safely and easily de-energize the load terminals without the need to remove the fuses.
- The pullout switch design allows you to safely and easily de-energize the load terminals.
- The easily removable door makes it possible to wire the device with absolutely no interference.
- Landis & Gyr air conditioning disconnects provide the ideal means to comply to articles 440-14 and 110-3(b) of the 1999 National Electrical Code®.

UL Listed, NEMA Type 3R Enclosure, 240 Volts

Amp Rating	Maximum Horsepower	Fuse Class	Std. Pkg.	Catalog Number
30	3	H	6	**LGWF2030 ②**
60	10	H	6	**LGWF2060 ②**
Amp Rating	**Maximum Horsepower**	**Disconnect Type**	**Std. Pkg.**	**Catalog Number**
60	10	Non-Fusible Pullout	6	**LGWN2060**

① Fuses not included.
② Suitable for use as service disconnect
Ⓡ National Electrical Code is a registered trademark of the National Fire Protection Association.
Ⓡ UL is a registered trademark of Underwriters Laboratories, Inc.

LANDIS & GYR

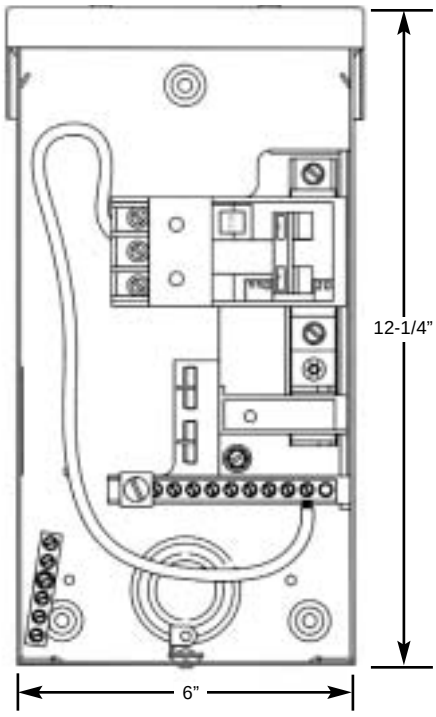
Spa Panel

For use as Spa/Hot Tub service disconnect

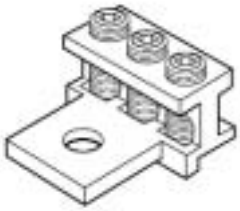
2-Pole GFCI Breaker	Dimensions (inches) H	W	D	Catalog Number
50A	12-1/4	6	4-1/2	LGSPA50

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
- 125Amp rated interior
- Factory installed 5 position ground bar
- Closure plate included
- Compact enclosure size
- Convenient standard package of 1
- Uses reliable Siemens circuit breakers

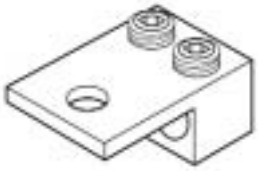


Connector Lugs

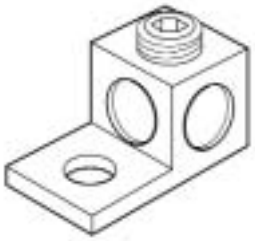


68752-1

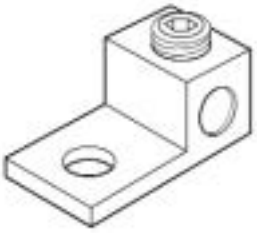
Lug Extender
59299-1



56425, 56425M



57606K



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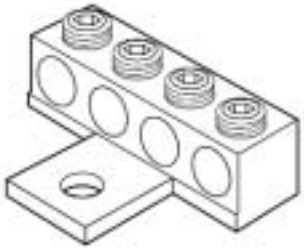

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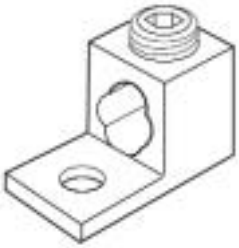

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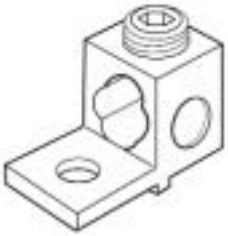

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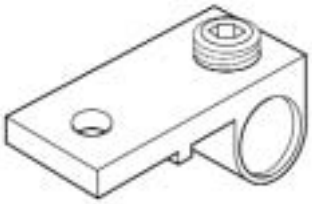
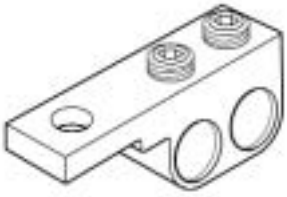


58852, 56733



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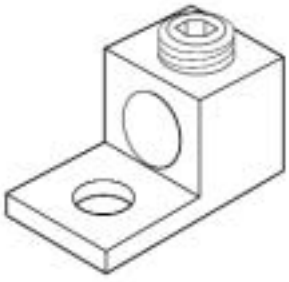
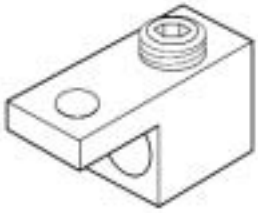


37892, 55890-1, 55890



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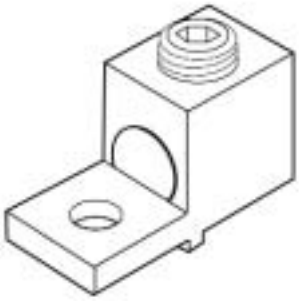

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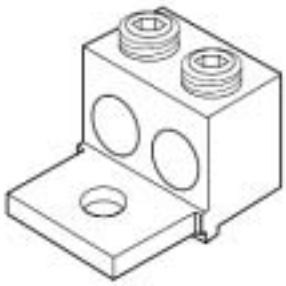
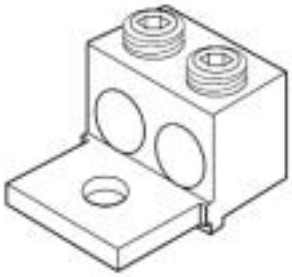


56732, 56732-M



56490, 58022, 56732-1

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.

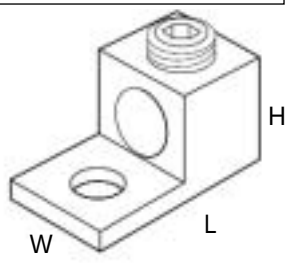
Allen or hex head pressure screws are furnished to provide excellent conductor spread for maximum binding action with the lug. All Landis & Gyr lugs are listed with Underwriters Laboratories.

Pressure Lug Connectors For Meter Mounting Devices

Device Type	Anti-Rotation Feature	Conductor Size	Stud Opening	Pressure Screw Head	Dimensions* (inches) L	W	H	Landis & Gyr Catalog Number
	No	#6-350 MCM	13/32"	9/16" Hex	2-1/4	1-1/8	1-1/4	**55890**
HQ-4S	No	#6-350 MCM	13/32"	5/16" Allen	2-1/4	1-1/8	1-1/4	**55890-1**
HQ-5 S	No	#6-350 MCM	13/32"	5/16" Allen	2-1/4	1-1/8	1-1/4	**57606**
HQ-7S	No	#6-350 MCM	13/32"	3/8" Allen	2-1/4	1-1/8	1-1/4	**57606-K**
	No	(2) #6-250 MCM	13/32"	5/16" Allen	2-3/16	1-5/8	1-3/16	**58022**
HQ-4D	No	#4-500 MCM	9/16"	3/8" Allen	2-13/16	1-1/2	1-9/16	**37892**
HQ-5DM	Yes	(1) #4-600 MCM	9/16"	1/2" Allen	2-13/16	1-3/8	1-13/16	**60162**
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	**61300**
K-4,5,7	No	(2) #6-350 MCM	9/16"	5/16" Allen	2-7/8	1-57/64	1-1/4	**56425**
K-4,5,7	No	(2) #4-500 MCM	9/16"	3/8" Allen	2-13/16	2-1/16	1-9/16	**56425-M**
K-4	No	(4) #6-350 MCM	9/16"	5/16" Allen	2-7/8	3-15/16	1-1/4	**56426**
K-4,5,7	Yes	(2) #6-350 MCM	9/16"	5/16" Allen	4-15/16	1-1/8	2-1/16	**56427**
K-4,5,7	Yes	(2) #2-500 MCM	9/16"	3/8" Allen	4-1/4	1-1/8	1-13/16	**56427-M**
K-5,7	Yes	#3/0-800 MCM	9/16"	1/2" Allen	3-1/4	1-5/16	1-13/16	**56476**
K-4,5,7	Yes	#3/0-800 MCM	9/16"	1/2" Allen	3-1/4	1-5/16	1-13/16	**56477**
K-5,7	No	(2) #4-500 MCM	9/16"	3/8" Allen	2-13/16	2-5/32	1-9/16	**56490**
K-5,7	Yes	(2) #4-350 MCM	9/16"	5/16" Allen	2-7/8	1-59/64	1-1/4	**56732**
K-5,7	No	(2) #4-350 MCM	9/16"	5/16" Allen	2-7/8	1-59/64	1-1/4	**56732-1**
K-5,7	Yes	(2) #4-500 MCM	9/16"	3/8" Allen	2-13/16	2-5/32	1-13/16	**56732-M**
K-4,5,7	Yes	#3/0-800 MCM	9/16"	1/2" Allen	4-3/16	1-3/4	2-3/8	**56733**
K-4,5,7 (Grd.)	No	#6-250 MCM	9/16"	5/16" Allen	2-9/16	1-9/32	1-3/16	**56734**
K-4,5,7	Yes	#3/0-800 MCM	9/16"	1/2" Allen	3-15/16	1-3/4	1-13/16	**58852**
K-4,5,7	Yes	(2) #6-350 MCM	9/16"	5/16" Allen	3-15/16	1-1/8	1-1/2	**58853**
K-4,5,7	Yes	(3) #6-250 MCM	9/16"	5/16" Allen	2-7/8	2-31/64	1-7/16	**68752-1**
K-4 extender	Yes	1/2-20 x 1-7/8" Stud	9/16"	None	4-1/4	1-1/4	2-3/8	**59299-1**

Lug Extender

Device Type	Stud Opening	Stud Size	Dimensions (inches) W	H	D	Landis & Gyr Catalog Number
K-4	9/16"	1/2-20 x 1-7/8"	4-1/4	1-1/4	2-3/8	**59299-1****



* Dimensions do not include height of pressure screw with conductor installed.
** Includes nut and washer assembly and washer.

LANDIS & GYR

Meter Socket Accessories

Removable Hub Kits

Conduit Size (inches)	Catalog Number
RX Type Hubs Small	
1	**38596-2**
1-1/4	**38597-2**
1-1/2	**38598-2**
2	**38599-2**
2-1/2	**38600-2**
Cover Plate - Steel	**38595-1**
Cover Plate - Aluminum	**38595-2**
HD Type Hubs Large	
3	**56856-2**
3-1/2	**56857-2**
4	**56858-2**
Cover Plate - Steel	**56933**
Cover Plate - Aluminum	**56933-1**

Cover Plate

Removable Hub

Accessories

Description	Catalog Number
Insulated 5th Terminal Kit - Type AS, AT only	**659-0120**
Grounded 5th Terminal Kit - Type AS, AT only	**659-0121**
HQ 5th Terminal Kit	**35815-2**
Large to Small Adaptor - Steel	**9747-1113**
Large to Small Adaptor - Aluminum	**9747-1112**
Black Plastic Meter Opening Cover	**39968**
Insulated Jumper	**36479**
K-7 Isolated Neutral Kit	**69685-1**
HQ Isolated Neutral Kit	**64685-1**
K-4 Manual Bypass	**56495**
K-7 Rake Type Bypass	**58888**
K-7 Rotary Bypass	**69623**
320 Amp Anti-Inversion Clip	**59676**

Hub Adaptor Plate
(Converts large hub to small)

5th Terminal Kit
659-0121

Insulated Jumper
36479

Black Plastic
Meter Opening Cover
39968

HQ Isolated Neutral Kit
64685-1

K-7 Isolated Neutral Kit
69685-1

HQ 5th Terminal Kit
35815-2

Repair Parts
Terms Of Sale

Repair Parts

Catalog Number	Block Assembly	Neutral Assembly	Connector Screw Assembly	Neutral Screw Assembly
UAT111-0PZA	5005800HB	5007423	1012013 (Screw Only)	1012013 (Screw Only)
UAT111-0PDN	5005800HB	5007423	1012013 (Screw Only)	1012013 (Screw Only)
UAT111-0G	5005800	5007423	1012013 (Screw Only)	1012013 (Screw Only)
UAT317-0PZA	5015830B-2	5005070-3	200007-1	200009-1
UAT317-0PDN	5015830B-2	5005070-3	200007-1	200009-1
UAT417-PPDN	5015830B-2	5005070-3	200007-1	200009-1
UAT317-0G	5015830-2	5005070-3	200007-1	200009-1
UAT417-0G	5015830-2	5005070-3	200007-1	200009-1
UAS817-PPZA	(left) 5007266	-	(top) 200009-1	200009-1
	(right) 5007267	-	(bottom) 200008-1	200009-1
UAS877-PPZA	(left) 5007317	-	(top) 200009-1	200009-1
	(right) 5007316	-	(bottom) 200008-1	200009-1
UAS877-PG	(left) 5005869-2LH	-	(top) 200009-1	200009-1
	(right) 5005866-2LH	-	(bottom) 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: $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.