Selection and Application Guide For use in North Carolina & South Carolina





LANDIS & GYR





# Contents

Service	Rating	Positions	Terminals	Page
Introduction and General Information	-	-	-	3-7
Residential, 1 Phase, 3 Wire	135A	1	4	8
Residential, 1 Phase, 3 Wire	200A	1	4	9
Residential, 1 Phase, 3 Wire, Side Wire	200A	1	4	10
Residential, 1 Phase, 3 Wire	200A	2-6	4	11
Commercial/Industrial, 1 and 3 Phase	200A	1	5 & 7	12
Residential/Commercial/Industrial, 3 Phase, 3 Wire	320A	1	4 & 7	13
Residential/Commercial, 1 Phase, 3 Wire	400/480A	1	4	14
Residential/Commercial/Industrial, 1 Ph, 3 Wire, 3 Ph, 3 or 4 Wire	480/600A	1	7	15
Residential/Commercial/Industrial, Polyphase, 3 or 4 Wire	480/600A	1	7	16
Current Transformer Cabinets	-	-	-	17
Meter Mains	125/200A	1	5	18
Power Outlet Panels	-	-	-	19-22
A C Disconnects	-	-	-	23
Spa Panels	-	-	-	24
Lugs	-	-	-	25, 26
Socket Accessories	-	-	-	27
Repair Parts, Terms & Conditions	-	-	-	28

# Represented by:

George Pickett & Associates 1021 Goodworth Drive Apex, NC 27539

Phone: (919) 290-2901 Fax: (919) 290-2979



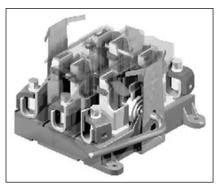


# The Standard for Quality

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 Ouality

# **General Information**

#### Materials:

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

14 gauge, aluminum

12 gauge, aluminum

### **Enclosures:**

NEMA 3R

### Finish:

Steel - Light gray, baked on powder polyester

Aluminum - Mill finish

### Latches:

All swing latches are stainless steel

### **Block Material:**

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

### Terminals:

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

### Standards:

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

### Voltage:

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



# **Meter Socket Terminology**

### **Maximum and Continuous Ampacity**

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

## Wire Sizes - Ampacity

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

### **Lay-in & Stud Terminals**

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

### Ringless/Ring Style

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

### Overhead/Underground

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

## **Hubs and Cover Plates**

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

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

### **Bypass Types**

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

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



# O & A Product Sheets

_				
റ	How can I find a missing "	lua" for a	(Catalon No	meter socket?
ų.	TIOW Call I lilla a lillssilla	lug lol u	(Catalog No.	IIICICI JOCKCI.

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

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

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

- A. First, determine the catalog number of the device. After the device has been identified you can then inquire if it is "left hand or right hand", and if it is used on a side wired device or a multi-position gang socket. On standard residential sockets, the right and left hand blocks are identical, and are mounted in a mirror image of each other.
- Q. What size hub can I use on a RX or HD hub opening?
- A. A RX style hub opening will accept a 1" to 2-1/2" hub. A HD style hub opening will accept a 3" to 4" hub.
- Q. How can I permanently close the meter opening of my meter socket without a meter in place?
- A. A round black plastic disk (Catalog No. 39968) is available. It is located between the meter socket block assembly and the meter socket cover. The cover holds the disk into place. This is used on residential and most commercial sockets that have embossed meter openings in the socket cover.
- Q. What do I use to close the meter opening, and also permanently jumper the meter socket so that the end user still gets power, although unmetered?
- A. For all devices with jaws, use jumper (Catalog No.36479). Two jumpers are needed for a single phase device and three for a three phase device.
- Q. What if I need an isolated neutral?
- A. Some applications require the neutral connection to be isolated or insulated. Isolated neutral kits are available for CQ and HQ (Catalog No. 64685-1) and K-7 devices (Catalog No.69685-1).
- Q. What if I need a 5th Jaw or 5th Terminal?
- A. Residential sockets (type UAXXXX) use two different types of field installable 5th terminals. Catalog No. 659-0121 for a grounded 5th terminal is most commonly used. Use Catalog No. 659-0120 when the 5th terminal does not need to be grounded. The 5th terminal for a HQ device (Catalog No. 35815-2) is in the form of a polycarbonate, safety shield with the 5th terminal located in the 9 o'clock position.
- Q. What lugs should I use for a particular meter socket?
- A. Lugs are included on most residential devices. A limited number of residential devices are available with stud connections. Commercial devices (HQ, CQ, K Base) have either the lug as an integral part of the socket (200amp HQ only) or have 3/8" or 1/2" stud connections. The catalog page for each commercial device with stud connections includes a list of recommended lugs. Lugs with an opening size of 13/32" are for 3/8" studs and lugs with an opening of 9/16" are for ½" 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.



# O & 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.
- O. What label information can be found on the inside of the meter socket?
- A. Every Landis & Gyr meter socket has a white information label, approximately 2-1/2" x 4" in size. It is located on the upper left hand inside wall of the enclosure. This label contains the following information: Catalog Number, Socket Type (UAT4, HQ-7U etc.), Number of Terminals (jaws), Continuous/Maximum Amperage, Voltage Rating, Service (single phase or three phase), Short Circuit Withstand Rating, Other UL Information, Included lay-in connector sizes or recommended lugs if stud type, Conduit Hub Kit Options and Accessories, where the device is manufactured and the date it was manufactured.
- Q. How do I find the production date code for a Landis & Gyr meter socket?
- A. The date code is printed towards the center of the bottom of the interior label. The date code will specify the month and year the socket was manufactured.
- Q. What is the difference between 320 Amp sockets with 3/8" studs and those with 1/2" studs?
- A. Landis & Gyr was the pioneer of class 320 metering. Originally it was believed that a socket with heavy duty connectors and jaw assemblies were needed to withstand this "high" amperage. Landis & Gyr introduced the HQ-D type block which features heavy plated copper connectors and 1/2" studs for mounting mechanical lugs. After receiving requests for a lighter-duty socket Landis & Gyr introduced the HQ-S type block. This block features the same heavy-duty connectors, but has 3/8" studs for mounting the mechanical lugs. Check with your local utility to see which block style is preferred.
- Q. What is an anti-inversion clip?
- A. The anti-inversion clip (Catalog No. 59676) is a specially formed wire that is inserted into the upper right hand jaw of a 320A meter socket. The purpose of the clip is to disallow a 200A meter to be inserted into the 320A meter socket. Class 320 meters are built with a narrow blade that will fit into a jaw that has the anti-inversion clip installed. The anti-inversion clip also restricts a class 320 meter from being inserted upside down.



# O & A Product Sheets

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

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

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

# Q. What is K-base?

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

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

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





# 135A Meter Mounting Equipment, Residential ©23

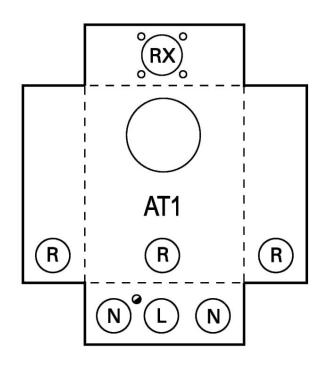
# 4 Terminal for 1 Phase, 3 Wire

Cont. Amp			Connecto	ors	Dim	ensions	(inches)	Hub	No. of		Enclosure	Catalog
Rating	Type	Service	Line	Load	W	Н	D	Opening	Terminals	Bypass	Material	Numbe
Approved fo	r South	Carolina E	ectric & G	as								
135	AT1	OH/UG	#14-2/0	#14-2/0	8	11.7	3.6	RX Opening	4	None	Steel	UAT111-0G
135	AT1	OH/UG	#14-2/0	#14-2/0	8	11.7	3.6	RX Opening	4	None	Aluminum	UAT131-0G
Approved fo	Approved for Carolina Power & Light, Duke Power and SCE&G											
135	AT1	OH/UG	#14-2/0	#14-2/0	8	11.7	3.6	RX Opening	4	None	Steel	UAT111-0JCA

① All units are UL listed. ② All units include a quad neutral. ③ 5th Terminal Kit for field installation: 659-0121. Accessories: Page 27



UAT111-0G



# **KNOCKOUTS** (inches):

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





# 200A Meter Mounting Equipment, Residential ©23

4 Terminal for 1 Phase, 3 Wire

Cont. Amp			Connectors	Dime	ensions (	(inches)	Hub	No. of		Enclosure	Catalog
Rating	Type	Service	Line & Load	W	Н	D	Opening	Terminals	Bypass	Material	Number
200	AT4	OH/UG	#6-350 KCMIL	11	14	4.5	RX CL Plate	4	None	Ptd. Alum.	UAT457-XG
Approved for	South C	arolina Ele	ctric & Gas								
200	AT3	OH	#6-350 KCMIL	8	14	4.5	RX Opening	4	None	Steel	UAT317-0G
200	AT3	ОН	#6-350 KCMIL	8	14	4.5	RX Opening	4	None	Aluminum	UAT337-0G
200	AT4	OH/UG	#6-350 KCMIL	11	14	4.5	RX Opening	4	None	Steel	UAT417-0G
200	AT4	OH/UG	#6-350 KCMIL	11	14	4.5	RX Opening	4	None	Aluminum	UAT437-0G
Approved for	Duke Po	ower and S	CE&G								
200	AT4	OH/UG	#6-350 KCMIL	11	14	4.5	RX CL Plate	4	None	Steel	UAT417-XGDU

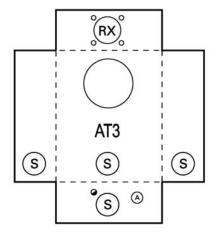
- ① All units are UL listed.
- ② All units are supplied with a quad neutral.
  ③ 5th Terminal Kit for field installation: 659-0121.
  Accessories: Page 27

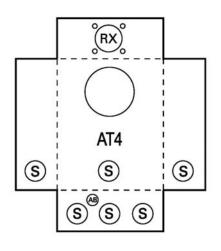


UAT317-0G



UAT417-XGDU





# **KNOCKOUTS** (inches):

**①**: 1/4 1/2 A:

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





# 200A Meter Mounting Equipment, Side Wired, Residential ©23

4 Terminal for 1 Phase, 3 Wire

Cont. Amp		Connectors	Dime	nsions (	inches)	Hub	No. of		Enclosure	Catalog	
Rating	Type	Service	Line & Load	W	Н	D	Opening	Terminals	Bypass	Material	Number
Approved for	r Caroli	na Power &	& Light								
200	AS9	OH/UG	#6-350 KCMIL	13	17	5.1	(2) RX CL Plate	4	None	Steel	UAS917-XJCA

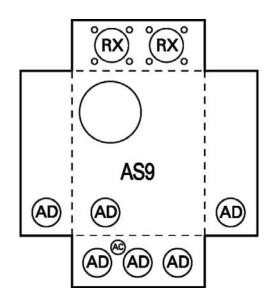
① Unit is UL listed.

② Unit is supplied with 2 ground lugs.③ 5th Terminal Kit for field installation: 659-0121.

Accessories: Page 27



UAS917-XJCA



**KNOCKOUTS** (inches):

AC: 1/4, 1/2

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

RX:





# 200A/Position Meter Mounting Equipment, Horizontal Gang, Residential 02

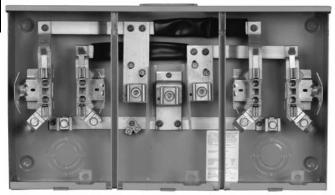
4 Terminal for 1 Phase, 3 Wire

No.	Cont. Amp		Total	Connectors	Connectors	Dimen	sions (in	ches)	Hub		Catalog
Pos.	Rating	Type	Amps	Line	Load	W	Н	D	Opening	Service	Number
Appro	oved for Card	olina Pow	er & Ligh	t, Duke Power and S	CE&G						
2	200	A14-2	200	#1/0-600 KCMIL	#6-350 KCMIL	24	14.5	5.1	HD Opening	OH/UG	UA2717-YJCA
3	200	A14-3	270	#1/0-600 KCMIL	#6-350 KCMIL	32	14.5	5.1	HD Opening	OH/UG	UA3717-YJCA
4	200	A14-4	360	(2) #1/0-600 KCMIL	#6-350 KCMIL	43	14.5	5.1	HD Opening	OH/UG	UA4719-YJCA
5	200	A14-5	450	(2) #1/0-600 KCMIL	#6-350 KCMIL	51	14.5	5.1	2 HD Openings	OH/UG	UA5719-KJCA
6	200	A14-6	528	(2) #1/0-600 KCMIL	#6-350 KCMIL	59	14.5	5.1	2 HD Openings	OH/UG	UA6719-KJCA

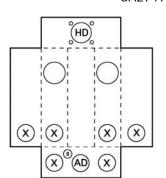
① All units are UL listed and are equipped with 2 ground lugs.

② 5th Terminal Kit for field installation: 659-0121.

Accessories: Page 27



UA2717-YJCA

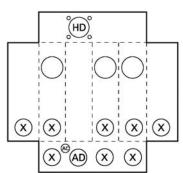


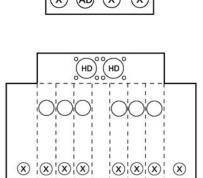
(HD)° (HD

XXADADXXX

|X|X

 $|x| \times |x| \times |x|$ 





 $\times$ 

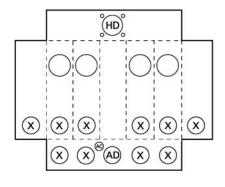


1-1/4, 1-1/2, 2, 2-1/2 X:

AC: 1/4, 1/2

AD: 1-1/4, 1-1/2, 2, 2-1/2, 3

Ø4.281 HUB 0P







# 200A Meter Mounting Equipment, Type HQ & CQ, Commercial/Industrial 0234

5 Terminal for 1 Phase / 3 Phase, 3 Wire • 7 Terminal for 3 Phase, 4 Wire

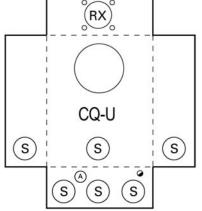
Cont. Amp Rating	Туре	Bypass	Service	Connectors Line & Load	Dime W	nsions ( H	inches) D	Hub Opening	No. of Terminals	Enclosure Material	Catalog Number
200	HQ-5U	Lever	OH/UG	#6-350 MCM	13	19	5	RX CL Plate	5	Steel	40405-025 ⑦
Approved for 220	r SCE&G HQ-7U	Lever	OH/UG	#6-350 MCM	13	19	5	RX CL Plate	7	Steel	40407-025
Approved for 200	<b>r Duke Po</b> CQ-5U	wer and So Lever	C <b>E&amp;G</b> OH/UG	#6-350 MCM	13	19	5	RX CL Plate	5 ⑤	Steel	40605-02DU <b>(6</b> )
Approved for 200	<b>r Carolina</b> HQ-7U	Power & Lever	<b>Light, Duk</b> OH/UG	e Power and SCI #6-350 MCM	<b>E&amp;G</b> 13	19	5	HD Opening	7	Steel	44307-01CA

- ① All units are UL listed.
- ② Type HQ bypass mechanism is lever-operated, jaw pressure release with 100% bypass capacity.
- ③ Type CQ bypass mechanism is lever operated with 100% bypass capacity. CQ devices are non-jaw clamping.
- 4 Disconnect sleeves should not be used with these devices.
- (5) Not for use with 3 phase, 3 wire service.
- Type CQ-5 devices have 5th terminal in the 9 o'clock position.
- 🗑 5th terminal in the 6 o'clock position. Neutral can be isolated by removing ground strap. Must isolate neutral for 3 phase, 3 wire applications.

Accessories: Page 27



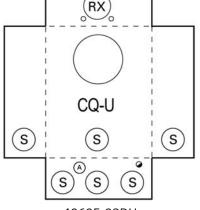
40605-02DU



40605-02DU



40407-025



RX) HQU AF (AF)40407/40405-025

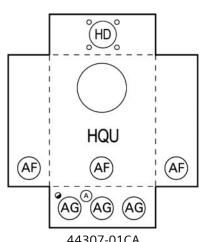
# **KNOCKOUTS** (inches):

1/2 A:

1, 1-1/4, 1-1/2, 2, 2-1/2 S: AF:

1, 1-1/2, 2, 2-1/2, 3 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3 AG:

Ø4.281 HUB OP HD: Ø2.750 HUB 0P



44307-01CA





# 320A Meter Mounting Equipment, Type HQ, Heavy Duty Residential/Commercial/Industrial 023

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

						,					
Amp Rating Cont./Max	Type	Bypass	Service	Connectors Line	Load	Dime W	ension: H	s (inches) D	No. of Terminals	Hub Opening	Catalog Number
320/400	HQ-4D	Lever	OH/UG	3/8" Stud	3/8" Stud	14	28	6	4	HD CL Plate	47704-02 ⑤
Approved for	Carolina Po	wer & Lia	ht and Du	ke Power							
320/400	HQ-4SWT		OH/UG	60162	56732-1	14	28	6	4	HD CL Plate	48104-82CA <b>④</b>
Approved for	Carolina Po	wer & Lig	ht								
320/400	HQ-7D	Lever	OH/UG	3/8" Stud	3/8" Stud	14	28	6	7	HD CL Plate	47707-02 ⑤
320/400	HQ-7SWD	Lever	OH/UG	3/8" Stud	3/8" Stud	20	34	6	7	HD CL Plate	48707-02
Approved for	Duke Powe	r									
320/400	HQ-7SB	Lever	OH/UG	3/8" Stud	3/8" Stud	20	34	6	7	HD CL Plate	40107-02DU

- 1) All units are UL listed.
- ② Bypass mechanism is lever-operated, jaw pressure release with 100% bypass capacity.
   ③ Disconnect sleeves should not be used with this device.
- This device includes 600 MCM single or 250 MCM parallell line side lugs (60162), 350 MCM parallel load side lugs (56732-1), and 2 ground lugs.

(5) This device does NOT include a ground lug.

Lugs: Pages 25-26 Accessories: Page 27



40107-02DU



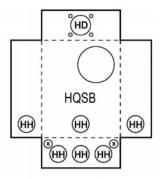
47707-02

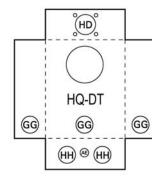


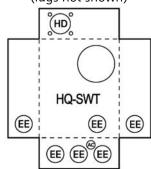
48104-82CA (lugs not shown)

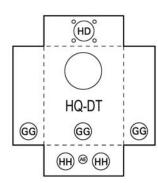


48707-02









### Socket Selection Guide for Duke Power Installations Over 200 Amps

- **KNOCKOUTS** (inches):
- 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
- 1/4, 1/2 AC:
- 1/4, 1/2, 3/4, 1, 1-1/4 AE: Ø4.281 HUB OP HD:

- 1) Locate your amperage
- 2) Locate your voltage and phase
- 3) Choose the appropriate socket or CT cabinet catalog number

Amperage	Voltage	Phase	Socket Cat. No.	CT Cabinet No.
201-400 Amps	120/240V	1	48104-82CA	N/A
201-400 Amps	120/208V	3	40107-02DU	N/A
201-800 Amps	277/480V	3	Contact Duke Power	LG243212CTDPIG
801-1200 Amps	277/480V	3	Contact Duke Power	LG404014CTDDP2G
		F	<b>/</b> I:	

- A) Any installation 277V and higher must use CT cabinets and Duke Power supplied meter base. B) 400 Amp installations 1 and 3 phase, 240V and below will use 320 Amp continuous meter bases.
- C) Any installation over 400 Amps (including 600 Amps) will no longer use K base metering.





# 400/480A/Continuous Meter Mounting Equipment, Type K-4UT, **Residential/Commercial** ®

# 4 Terminal for 1 Phase, 3 Wire

Cont. Amp					Dime	nsions (ir	nches)	Hub	Enclosure	Catalog		
Rating	Type	Bypass ①	Service	Connectors	W	Н	D	Opening	Material	Number		
Approved for South Carolina Electric & Gas												
400	K-4UT	56495	OH/UG	1/2-20 Stud	18	36	6	HD Opening	Steel	9810-8507		
480/600	K-4UT	56495	OH/UG	1/2-20 Stud	18	36	6	HD CL Plate	Steel	9810-9507		

# **Recommended Lugs For K-4UT 2**

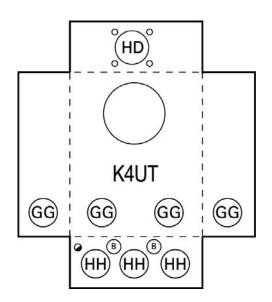
Lug Position	Single OH/UG	i Lugs	Parallel OH/U	G Lugs
	Catalog No.	Type	Catalog No.	Type
Line	(2) 56733	S.E.	(2) 56427	S.E.
Load	(2) 56477	Std.	(2) 56425	Std.
Neutral	(2) 56476	Std.	(1) 56426	Std.

- ① This device uses manual bypass 56495 normally for utility use only (2 required).
- ② See Landis & Gyr Product Schedule #497 or pages 25 and 26 of this catalog for more lug information.
- 3 All units are UL listed.
- Lugs: Pages 25-26

Accessories: Page 27



9810-8507



# KNOCKOUTS (inches):

1/2, 3/4 2-1/2, 3, 3-1/2 2-1/2, 3, 3-1/2, 4 GG: HH: HD: Ø4.281 HUB 0P





# 480A Continuous/600A Maximum Meter Mounting Equipment, Type K-7, Residential/Commercial/Industrial ©2

7 Terminal for Polyphase 3 or 4 Wire Wye or Delta

/ IEIIIIIIai i	л гогур	ilase, s oi 4 W	ille, wye	OI Deita						
Cont./Max.					Dime	nsions (in	ches)	Hub	Enclosure	Catalog
Amp Rating	Type	Bypass	Service	Connectors	W	Н	D	Opening	Material	Number
Approved for	Carolina	Power & Light								
480/600	K-7T	58888 incl.	ОН	(2) #4-500 KCMIL	20	43	6	(2) HD Openings	Steel	9817-9571
480/600	K-7T	58888 incl.	UG	(2) #4-500 KCMIL	20	43	6	(2) HD CL Plates	Steel	9817-9572
Approved for	Duke Po	wer (please see	note belo	ow)						
480/600	K-7T	69623	ОН	1/2-20 Stud	20	43	6	(2) HD Openings	Steel	9817-9569
Approved for	South Co	arolina Electric d	& Gas							
480/600	K-5T	58888 34	OH/UG	1/2-20 Stud	20	43	6	(2) HD CL Plates	Steel	9817-9404 ⑤
480/600	K-7T	58888 34	OH/UG	1/2-20 Stud	20	43	6	(2) HD CL Plates	Steel	9817-9504

① All units are UL listed.

② All devices listed include a ground lug.

Manual bypass not included.

Manual "rake" bypass 58888 is available, normally for utility use only (2 required for K-5 and 3 required for K-7).
 Approved for 1 Phase, 3 Wire network applications.

# **Recommended Lugs For K-5T and K-7T**

Lug Position	Parallel 500 Catalog No.	MCM OH Lugs Type	Parallel 500 MCM UG Lugs Catalog No. Type		
Line	56732-M	Std.	56427-M	S.E.	
Load	56732-M*	Std.	56732-M	Std.	
Neutral	56732-M*	Std.	56732-M	Std.	

Std.: In-line lugs for end entry. S.E.: Side entry lugs for 90° installation. See pages 25 & 26 for lug specifications.

\*UL wire bending space requirements limit load side conductors to 350 mcm in a parallel lug or (2) 500 mcm single conductors per phase.

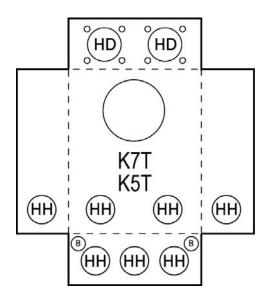
# Note:

Lugs: Pages 25-26 Accessories: Page 27

Duke Power will not accept K base sockets after December 1, 2004. See page 13 for more information.



K-7T



# KNOCKOUTS (inches):

1/2, 3/4 HH:

2-1/2, 3, 3-1/2, 4 Ø4.281 HUB OP HD:





Note:

Duke Power will not accept

K base sockets after

December 1, 2004. See page 13

for more information.

# 480A Continuous/600A Maximum, Type K-7, Residential/Commercial/Industrial 03

7 Terminal for Polyphase, 3 or 4 Wire, Wye or Delta

Cont./Max.						nsions (i	nches)	Hub	Enclosure	Catalog
Amp Rating	Type	Bypass	Service	Connectors	W	н	D	Opening	Material	Number
Approved for Duke Power (please see note below)										
480/600	K-7SW	69623 ②	OH/UG	1/2-20 Stud	26	37.6	6.1	(2) HD Openings	Steel	9817-9803

① All units are UL listed.

② This device includes rotating link type bypass, factory installed (Cat. No. 69623).

③ Ground lug included with device.

Lugs: Pages 25-26

Accessories: Page 27

# **Recommended Lugs For 9817-9803**

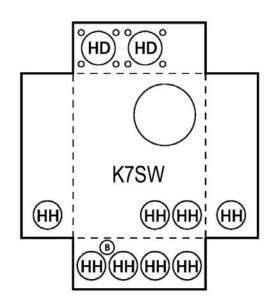
	Parallel OH &		Single OH & UG Lugs		
Lug Position	Catalog No.	Туре	Catalog No.	Туре	
Line	56732-M	Std.	56476	Std.	
Load	56732-M	Std.	56476	Std.	
Neutral	56732-M	Std.	56476	Std.	

Std.: In-line lugs for end entry.

See pages 25 and 26 for lug specifications.



K-7SW



# **KNOCKOUTS** (inches):

1/2, 3/4

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





# **Current Transformer Cabinets**

# **CT Mounting Devices, Product Schedule 525**

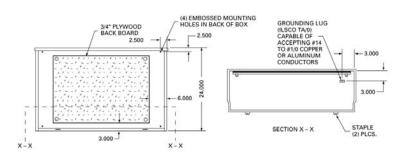
Catalog	Dimens	Dimensions (inches)		Door	Back Panel	UPC
Number	L	W	D	Туре	Dimensions (inches)	Number
LG243212CTDPIG	24.00	32.00	12.00	Screw Cover	18 x 20 x 0.75	78364345810-9
LG404014CTDDP2G	40.00	40.00	14.00	2 Piece Door	34 x 28 x 0.75	78364345811-6

### **General Description**

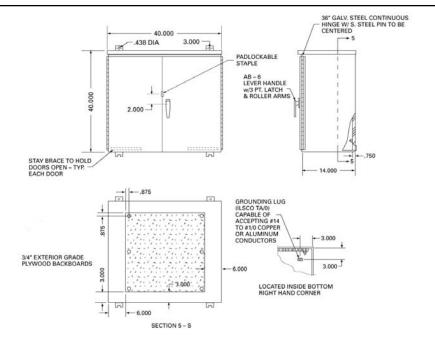
- Application: Enclosure for current transformers as required by transformer-rated watt hour metering.
- UL: Enclosures listed on this page are UL approved.
- Enclosure: Constructed of galvanized steel with an ANSI-61 grey powder coat finish inside and out.
- Utility Approvals: Duke Power.

# LG243212CTDPIG





# LG404014CTDDP2G







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

# 4 & 5 Terminal for 1 Phase, 3 Wire

		Connectors	Connectors	Dime	nsion	s (in.)	Hub	Main	No.		Cover	Catalog
Rating	Service	Line	Load	W	Н	D	Opening	Breaker	Term.	Bypass	Style	Number
125	OH/UG	#6-250 KCMIL	#2-1/0 CU, 2/0 AL	18.5	17	5.14	RX Cl. Plate	125A inst.	5	Horn	Ringless	LGMM0202B1125RJBX 26
150	OH/UG	#6-250 KCMIL	#1-300 KCMIL	18.5	17	5.14	RX Cl. Plate	150A inst.	5	Horn	Ringless	LGMM0202B1150RJBX 26
200	OH/UG	#6-250 KCMIL	#1-300 KCMIL	18.5	17	5.14	RX Cl. Plate	200A inst.	5	Horn	Ringless	LGMM0202B1200RJBX 25
100	ОН	#14-2/0	#6-350 KCMIL	8	28.5	4.5	RX Opening	125A Prov	. 4	Horn	Ringless	UAB111-0PCH 34
200	ОН	#6-350 KCMIL	see breaker rating	8	28.5	4.5	RX Opening	200A inst.	4	Horn	Ringless	UAB317-0PCH 35
150	OH/UG	#6-250 KCMIL	#1-300 KCMIL	16	17	5.14	RX Cl. Plate	150A inst.	4	None	Ring	LGMM0202B1150
200	OH/UG	#6-250 KCMIL	#1-300 KCMIL	16	17	5.14	RX Cl. Plate	200A inst.	4	None	Ring	LGMM0202B1200

- ① All units are UL listed.
- $ar{\textcircled{2}}$  5th terminal factory installed
- 3 5th terminal for field installation: 659-0121.
- ④ UAB111-0PCH has a provision for a 125 amp max. circuit breaker. See breaker table for details.
- (3) Breaker factory installed.
  See breaker table for replacement circuit breakers.

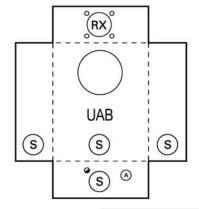
# **Breaker Table**

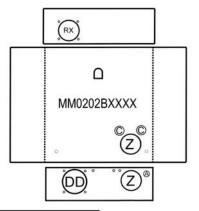
Amps	Circuit Breaker
100	Q2100
125	Q2125
150	QN2150
200	QN2200
UAB317 only	
200	QJ22B200



UAB317-0PCH







# **KNOCKOUTS** (inches):

**①**: 1/4 1/2 A:

C:

1/2, 3/4, 1 1, 1-1/4, 1-1/2, 2, 2-1/2 S: 1-1/2, 2, 2-1/2 1-1/4, 1-1/2, 2, 2-1/2, 3 Z:

DD: Ø2.750 HUB 0P



# **Power Outlet Panels**

**Types Of Systems** 

If you are looking for power outlet panels for temporary power during construction or need a lighted pedestal for RV campgrounds; Landis & Gyr can support your needs with what are considered to be the best power outlets in the industry.

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 22.

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.



# Take The Time & Hassle Out Of Temporary Power

Why spend the time using all these separate components?

# When you can purchase a fully assembled unit?

Our rugged design is meant to withstand multiple installations giving your contractor more for their dollar.



# How much you can save by using Landis & Gyr Power Outlet Panels

Build it yours	self	versus	Landis & Gyr Alternative
Component	Your Cost		Power Outlet Panel Component
Meter Socket	\$	<b></b>	Meter Socket included (if needed)
Type 3R Load Center	\$	<b></b>	Load Center included
Breakers	\$	<b>—</b>	Breakers included
Type 3R Receptacles	\$	<b></b>	Pre-wired receptacles included
Fittings and Wire	\$	$\longrightarrow$	No fittings or wire needed
Labor	\$	<b>—</b>	No labor required
			Landis & Gyr Catalog No.
Total Cost	\$		\$ Total Cost

# LANDIS & GYR



# **Power Outlet Panels**

**Features and Benefits** 

#### **Enclosures**

Rainproof

Rainproof NEMA Type 3R construction.

Quality Finish

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

Installation Ease

Three raised mounting embosses make installation a snap.

Removable Deadfronts

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

6 Theft Resistant

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

6 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.

Removable Door

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

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.

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**

One-Piece Construction

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

### Block Assembly

Loop-feed block assembly provides connectors capable of 350 kcmil conductors.(Available on pedestal devices).

Pad Mount

Pad mounted devices are available. (not shown)

Pedestal Extension and Stabilizer Feet

Pedestal extension and stabilizer feet are available. (not shown)

#### Interiors

Bus Bars

Plated copper bus bars provide the best protection against corrosion.

**©** Copper Conductors
Ready to use! All internal

components are factory prewired with copper conductors.

Circuit Protection

All receptacles are protected by lifetime warranted Siemens circuit breakers.

Receptacles

Impact-resistant, thermoplastic, commercial grade receptacles.

GFCI Protection

8

2

**1**3

Ø

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

#### Wire Connectors

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

### Colors

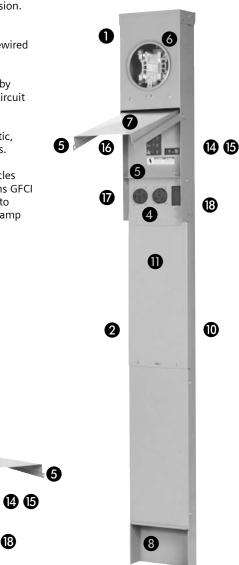
Optional Paint Colors

Optional paint colors are available on orders over 75 units.

#### Accessories

Hubs and 5th Terminal Kit

All power outlet panels accept Landis and Gyr hubs and 5th terminal kits.







Surface - Metered, Bottom Feed

**Catalog Number** 

LGP77RBS 🖫

LGP17RBS 🕕 🖁

LGP1F7RBS 🕕 🖫

LGP77BS 🖁 🖁

LGP177RBS 🗓 🖫

LGP5F77RBS 🕒 🖫

LGP1F77RBS 🗓 🖫

# **Power Outlet Panels**

**Most Popular Devices** 

Surface - Unmetered

**Catalog Number** 

LGP17US 🙃 🖁

LGP77US

LGP1F7US 🖫 🖁

LGP37US 🐶 🖫

LGP1F77US 🕕 🖫

LGP137US 🔀 🖓 🖫

LGP577US 🕒 🖺 🖫

LGP9US 💷

LGP5F77US 🕒 🖫 🖫

Pedestal - Unmetered

Catalog Number

LGP37UP

LGP137UP 🕕 🖓 🦹

Surface - Metered, Top Feed

Catalog Number

LGP77TS 🖁 🖁

LGP77RTS 🖫 🖫

LGP577TS 🕒 🖫 🖫

LGP1F7RTS 🗓 🖁

LGP1F7TS 🛈 🖫

LGP177TS 🔀 🖫

LGP1F77RTS 🕡 🖫

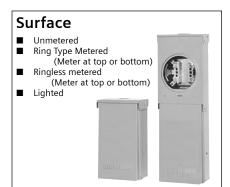
LGP137RTP 🕕 🕞 🧏

Pedestal - Unmetered Back to Back **Catalog Number** 

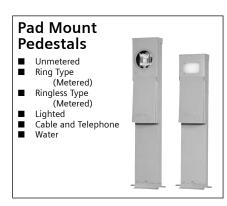
LGP137TP 🕝 🚱 🖫

Pedestal - Metered Catalog Number

> LGP137U2B 🕕 🖓 🦹 LGP37U2B 🖓 🖫









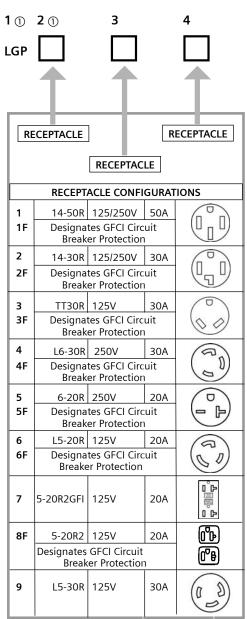




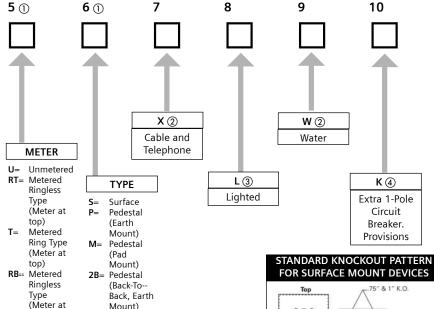


# **Power Outlet Panels**

**Catalog Numbering System** 



- ① Required fields.
- ② For use on Pedestal Devices.
- 3 All lighted devices require either a 5-20R2GFI receptacle or a OF120 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.



# EXAMPLE 1: (Catalog No. LGP1F38FTSXL)

Mount)

(Back-To-

Back, Pad

Mount)

2M=Pedestal

Given specifications:

bottom)

Metered

Ring Type

(Meter at

bottom)

- 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)

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)

.25" K.O.

Ó

.75", 1" & 1.5"K.O.

Given specifications:

20A, 125V receptacle with GFCI circuit breaker.

(RX)

- 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)

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





# Air Conditioning Disconnects Fused® and Non-Fused

# **Features**

# **Flexibility**

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

# **Rugged Durability**

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



# **Steel AC Disconnects**

Ampere	Disconnect	Catalog	Horse Power	Dimensions (inches)		es)
Rating	Туре	No.	Rating	Н	W	D
30	Fused Pullout	LF2030	3	7.25	5	2125
60	Fused Pullout	LF2060	10	8	5	2.125
60	Non-Fused Pullout	LN2060	10	7.25	5	2.125
60	Non-Automatic Switch	LNAS2060	10	7.25	5	2.125



# **Plastic AC Disconnects**

Ampere	Disconnect	Catalog	Horse Power	Dimensions (inches)		s)
Rating	Туре	No.	Rating	Н	W	D
30	Fused Pullout	LF2030PL	3	8	5.25	3125
60	Fused Pullout	LF2060PL	10	8	5.25	3.125
60	Non-Fused Pullout	LN2060PL	10	7.25	5	2.125



# Steel AC Disconnects with 15 Amp GFCI Receptacle

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

# Wire Range Table

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

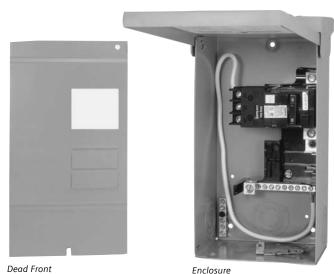




# **Spa Panel**

# For use as Spa/Hot Tub service disconnect

2-Pole	Dimens	ions (	Catalog	
GFCI Breaker	Н	W	D	Number
50A	12-1/4	6	4-1/2	LGSPA50
60A	12-1/4	6	4-1/2	LGSPA60



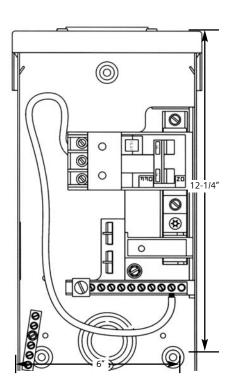




Hub Cover Plate included

# **Features and Benefits**

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



# LANDIS & GYR



# **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.

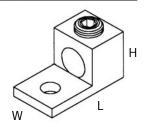
Allen or hex head pressure screws are furnished to provide excellent conductor spread for maximum binding action with the lug. All Landis & Gyr lugs are listed with Underwriters Laboratories.

# **Pressure Lug Connectors For Meter Mounting Devices**

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

# **Lug Extender**

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



<sup>\*</sup> Dimensions do not include height of pressure screw with conductor installed.

<sup>\*\*</sup> Includes nut and washer assembly and washer.





# **Accessories**

# Removable Hub Kits

	Conduit Size (inches)	Catalog Number
	RX Type Hubs Small	
	1	H38596-2
	1-1/4	H38597-2
	1-1/2	H38598-2
90	2	H38599-2
Removable Hub	2-1/2	H38600-2
Nemovable mab	Cover Plate - Steel	H38595-1
	Cover Plate - Aluminum	H38595-2
	HD Type Hubs Large	
	3	H56856-2
	3-1/2	H56857-2
G Pl	4	H56858-2
Cover Plate	Cover Plate - Steel	H56933
	Cover Plate - Aluminum	H56933-1

# **Sealing Rings**

Description	Catalog Number
Stainless Steel Snap Type	H <b>54602</b>
Stainless Steel Screw Type *Requires 9738-8003 Locking Clip	9738-8001*
Stainless Steel Screw Type	9738-8002

# **Accessories**

	Description	Catalog Number
ME	Insulated 5th Terminal Kit - Type AS, AT only	H659-0120
	Grounded 5th Terminal Kit - Type AS, AT only	H659-0121
	HQ 5th Terminal Kit - 6:00 HQ 5th Terminal Kit - 9:00	H35815-3 H35815-2
*	Large to Small Adaptor - Steel HD to RX	H9747-1113
	Large to Small Adaptor - Aluminum HD to RX	H9747-1112
	Black Plastic Meter Opening Cover	H39968
	Clear Plastic Meter Opening Cover (with plug-in	<b>H659-0162</b> feet)
	Solid Sliding Cover for K4 Sockets	HA-300579-3
	Solid Sliding Cover for K7 Sockets	HA-300529-4

Description	Catalog Number
HQ Isolated Neutral Kit	H64685-1*
*Includes Neutral and Isolation	Block
Neutral Isolation Kit for HQ *Isolates Existing Neutral	H64690-1*
Insulated Jumper	H36479
Insulated Neutral for K7 Sockets	H69685-1
Add-on Grounding Lug for HQ/HQU	H55303



# Repair Parts Terms Of Sale

### **Repair Parts**

Catalog	Block	Neutral	Connector	Neutral
Number	Assembly	Assembly	Screw Assembly	Screw Assembly
AT-1	5005800H	5005000-H	1012013 (Screw Only)	1012013 (Screw Only)
AT-3, AT-4	5015830-2	5007593-2	200007-1 (Screw/Nut)	200009-1 (Screw/Nut)
All 200A	L 5005878-3	Conn. Assy.	Load Side Only	200009-1 (Screw/Nut)
Gang Sockets	R 5005877-3	117-0069	200007-1 (Screws/Nut)	

### **Terms of Sale**

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

Minimum Billing: \$100 net plus transportation charges.

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

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

Terms: Standard/Stock Products:

# **Meter Mounting Device Applications**

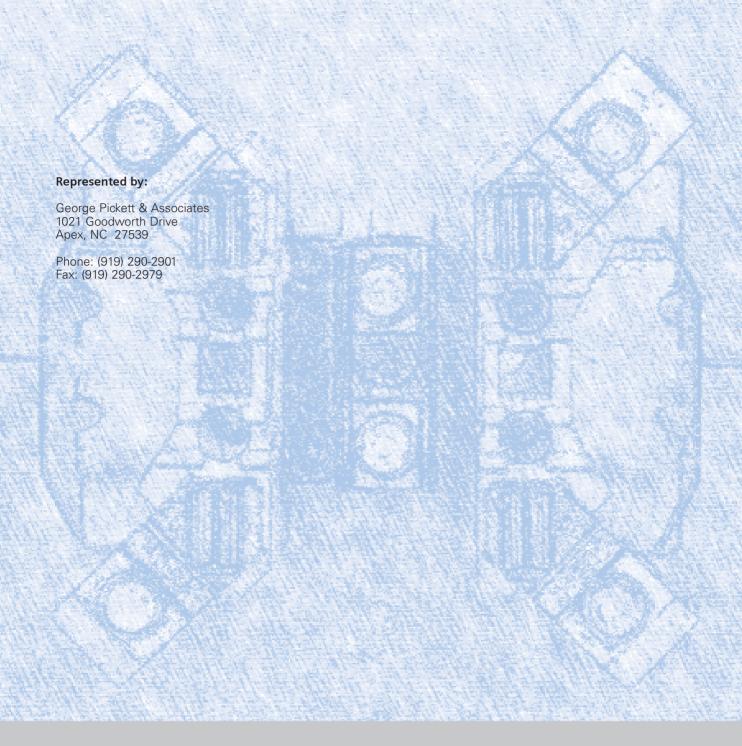
Electrical Service	Service Type	Meter Form	Socket Type	Standard Socket Catalog Number	Product Schedule	
			4 jaw 100A	AT-1	402, 415, 453	
	Self-contained, 3 wire	2S	4 jaw 200A	AT-3, AT-4, CQ-4, HQ-4	410, 411, 412, 415, 417	
1-Phase					419, 425, 453, 456, 458	
-		2SE	4 jaw 320A	HQ-4S, HQ-4D	426, 430, 435	
<u> </u>	Self-contained, bolt-in	2K	K-4 400/480A	K-4, K-4UT	440	
+	Transformer-rated, 2 wire	3S!	5 jaw 20A	HQ-6T, HQ-6TS, PTS-6	469, 470, 465	
	Transformer-rated, 3 wire	4S!	6 jaw 20A	HQ-6T, HQ-6TS	469, 470, 465	
		125	5 jaw 100A	CQ-5, HQ-5	417, 419, 421, 425	
	Self-contained	125	5 jaw 200A	CQ-5, HQ-5	417, 419, 421, 425	
<i>,</i> —		12SE	5 jaw 320A	HQ-5SWT, HQ-5D	430, 435	
· <del>(</del>	Self-contained, bolt-in	12K	K-5 480/600A	K-5	447	
*\_	Transformer-rated	5S	8 jaw 20A	HQ-8T, HQ-8TS, PTS-8	469, 470, 465	
		145		CQ-7, HQ-7	417, 419, 425, 426, 435	
_	Self-contained	15S	7 jaw 100/200/320A			
-		16S				
1 1		14K		K-7, K-7T	447	
L .	Self-contained, bolt-in	15K	K-7 480/600A			
$\triangle$		16K				
		6S				
	Transformer-rated	85	13 jaw 20A	HQ-13T, HQ-13TS, PTS-13	469, 470, 465	
		95				

<sup>\*</sup>Meter Form also applies to comparable types of mechanical demand or electronic meters.

<sup>!</sup> Sockets to be used with instrument transformer installations should, in general, be equipped with circuit closing devices. Care should be taken when using sockets without circuit closing devices. (Check current transformer specifications).



Notes:			



# **Landis & Gyr Meter Mounting Devices** Siemens Energy & Automation, Inc.

3333 Old Milton Parkway Alpharetta, GA 30005

© 2007 Siemens Energy & Automation, Inc. All Rights Reserved.

Siemens is a registered trademark of Siemens AG. Product names mentioned may be trademarks or registered trademarks of their respective companies. Specifications are subject to change without notice.