

**RULES FOR ELECTRIC METER
& SERVICE INSTALLATIONS**



Effective September 17, 2009
Updates All Previous Table

**Approved Meter Service Devices
TABLE 2**

**SINGLE PHASE, SINGLE POSITION
UNDERGROUND ENTRANCE
200, 400 or 600 Amp, 120/240 or 208/120 Volt
4 or 5 Terminal
200 or 400 Amp, 240/480 or 480/277 Volt
5 Terminal**

MFG. & CATALOG #	5 TH TERMINAL ACCESSORY IF REQUIRED	SERVICE AMPS	DIMENSIONS (INCHES)	TERMINAL SIZE (AWG OR KCMIL)		BYPASS TYPE
				MIN.	MAX	
CUTLER HAMMER						
1004884A-CH	ARP00035CHJ	200	13x13x5	8	350	Horn
1004984A-CH	ARP00326CH	400 (CI 320)	36 $\frac{5}{8}$ x15x6	See Note #9		Lever
DURHAM (See Note #8)						
1004884A	ARP00035	200	13x13x5	8	350	Horn
1004984A	ARP00326	400 (CI 320)	36 $\frac{5}{8}$ x15x6	See Note #9		Lever

LANDIS & GYR (See Notes 7 & 8)						
UAS817-PPGP	659-0121	200	14x13x5	6	350	Horn
HUAS817-PPGP	659-0121	200	14x13x5	6	350	Horn
UAS877-PPGP	659-0121	200	14x13x5	6	350	Horn
HUAS877-PPGP	659-0121	200	14x13x5	6	350	Horn
1004984A	-----	400 (CI 320)	28 $\frac{1}{2}$ x15x6	See Note #9		Lever
44704-82	-----	400 (CI 320)	34x20x6	See Note #9		Lever
44704-82PP	-----	400 (CI 320)	34x20x6	See Note #9		Lever
9810-9802	-----	600 (CI 480)	37 $\frac{3}{4}$ x25 $\frac{7}{8}$ x6 $\frac{1}{4}$	See Note #10		Bolt-In
MIDWEST						
1004884A-MEP	ARP00035MEP	200	13x13x5	8	350	Horn
1004984A-MEP	ARP00326MEP	400 (CI 320)	36 $\frac{5}{8}$ x15x6	See Note #9		Lever
MILBANK						
U1980-0-KK-BL	5T8K2	200	15 $\frac{1}{2}$ x 13x4 $\frac{1}{2}$	2	350	Horn
U4413-0-KK	5T8K2	200	15 $\frac{1}{4}$ x13x4 $\frac{1}{2}$	2	350	Horn
U3939	-----	400 (CI 320)	30x15 $\frac{3}{4}$ x5 $\frac{3}{4}$	See Note #9		Lever
U3126-0-KK-BLG	5T8K2	200	15 $\frac{1}{2}$ x 13 x 4 $\frac{1}{2}$	2	350	Horn
MURRAY						
RL199A	RX112FJ	200	14x13x5	6	350	Horn
RL199CJ	RX112FJ	200	14x13x5	6	350	Horn

SIEMENS						
SUAS817-PPGP	659-0121	200	14x13x5	6	350	Horn
SUAS877-PPGP	659-0121	200	14x13x5	6	350	Horn
S44704-82	-----	400 (CI 320)	34x20x6	See Note #9		Lever
S44704-82PP	-----	400 (CI 320)	34x20x6	See Note #9		Lever
SQUARE D						
1004884A-SQD	ARP00035SQD	200	13x13x5	8	350	Horn
1004984A-SQD	ARP00326SQD	400 (CI 320)	36 $\frac{5}{8}$ x15x6	See Note #9		Lever

MOST RECENT CHANGES

DATE	MFG.	CATALOG #	STATUS	REASON
09/2009	Landis & Gry	9810-9802	Approved	New Equipment

NOTES:

1. All meter bases listed in this table are "ringless" style. Horn bypasses are required in all ringless bases. Class 320 bases must contain a lever bypass rated 100% continuous duty.
2. Meter bases used for 208/120 volt, 3 wire services must have a 5th terminal installed in the 9 o'clock position. The catalog number for the 5th terminal is listed in the "5th Terminal Accessory" column in the table and must be specified when purchasing the meter base.
3. The manufacturer's catalog number must be stamped on the outside of the meter base so that it will be visible after the base is installed. The number must not be stamped on the cover.
4. When aluminum conductors are used, the electrical contractor must apply the corrosion inhibiting compound recommended by and in the manner prescribed by the cable manufacturer.
5. The line (utility) terminals in all UG bases must be offset to the left or right of the socket to accommodate the installation of underground service wires.

6. Conduit Requirements:

200 Amp Service

The conduit KO directly under the line (utility) terminals must accept a 3 inch conduit.

400 Amp (CI 320) Service

The conduit KO directly under the line (utility) terminals must accept a 4 inch conduit. The conduit KOs directly under the load terminals must accept two (2) 3 1/2 inch conduits.

600 Amp (CI 480) Service

The bottom of the base must contain a minimum of three (3) 4 inch conduit KOs. The left side and center KOs are for PPL use only.

7. Prefix "H" on Landis & Gyr (L&G) bases indicates bases that are sold through national retailers.
8. L&G Underground Base #UAS817-PPG and HUAS817-PPGP has line terminals mounted on right side of base. Durham UG Base #1004884 is available with line terminals mounted on right or left side of base (specify when ordering). All other bases have line terminals mounted on left side of base.
9. Class 320 Meter Bases:
 - All 320 amp meter bases contain stud terminals.
 - Only UL approved lay-in or box style connectors suitable for use with copper or aluminum conductors can be installed for wire termination on the studs.
 - Compression connectors are not permitted.

**CLASS 320 METER BASE
CONNECTOR REQUIREMENTS**

	LINE SIDE TERMINALS	LINE SIDE NEUTRAL TERMINALS	LOAD SIDE TERMINALS
WIRE RANGE	Single Only #350 - 750 Kcmil	#4/0 Awg - 500 Kcmil	Single--Up to 600 Kcmil Double--Up to 350 Kcmil

**APPROVED CONNECTORS FOR
CLASS 320 METER BASES**

MFG.	LINE SIDE TERMINALS & WIRE RANGE	LINE SIDE NEUTRAL TERMINALS & WIRE RANGE	LOAD SIDE TERMINALS
<i>CUTLER HAMMER</i>	ARP00129CH #4 – 600 Kcmil	ARP00129CH #4 – 600 Kcmil	Single - ARP00129CH Double - ARP00427CH
<i>DURHAM</i>	ARP00129 #4 – 600 Kcmil	ARP00129 #4 – 600 Kcmil	Single - ARP00129 Double - ARP00427
<i>LANDIS & GYR/SIEMENS</i>	56476 #3/0 - 800 Kcmil	60162 #4/0-600 Kcmil	Single - 60162 Double - 56732
<i>MIDWEST</i>	ARP00129MEP #4 – 600 Kcmil	ARP00129MEP #4 – 600 Kcmil	Single - ARP00129MEP Double - ARP00427MEP
<i>MILBANK</i>	*K3863 or K1540 350-800 Kcmil #2 - 600 Kcmil	K1540 #2 - 600 Kcmil	Single - K1540 Double - K1350
<i>SQUARE D</i>	ARP00129SQD #4 – 600 Kcmil	ARP00129SQD #4 – 600 Kcmil	Single - ARP00129SQD Double – ARP00427SQD

10. Class 480 Meter Bases:

- All 480 amp meter bases contain **stud** terminals.
- Only L&G anti-rotational, box-style connectors can be installed for wire termination on the studs.
- Compression connectors are not permitted.
- Single or double port terminals are permitted on the line side studs.
- Single, double or triple port terminals are permitted on the load side studs.
- The left and center bottom knockouts in the base are for PPL use only.
- The connector stud on the left side of the ground bus is for PPL use only.

**APPROVED CONNECTORS FOR
CLASS 480 METER BASES**

MFG.	LINE SIDE TERMINALS	LINE SIDE NEUTRAL TERMINALS	LOAD SIDE TERMINALS
LANDIS & GYR	<i>Single Port Kit</i>		
	2-H56476 (3/0 - 800 Kcmil)	1-H60162 (#4 - 600 Kcmil)	2-H56476 (3/0 - 800 Kcmil) 1-H60162 (neutral) (#4 - 600 Kcmil)
	<i>Double Port Kit</i>		
	2-H56732-M (#4 - 500 Kcmil)	1-H56732-M (#4 - 500 Kcmil)	3-H56732-M (#4 - 500 Kcmil)
	<i>Triple Port Kit</i>		
	Not Permitted	Not Permitted	3-H68752-1 (#6 - 250 Kcmil)

11. All meter bases listed in this table are rated 600 volts AC unless otherwise noted.

* **Connector size must be selected to accommodate PPL service lateral size.**