

**RULES FOR ELECTRIC METER  
& SERVICE INSTALLATIONS**



Effective December 15, 2010  
Updates All Previous Table

**Approved Meter Service Devices  
TABLE 4**

**POLYPHASE, SINGLE POSITION  
UNDERGROUND ENTRANCE  
200, 400, or 600 Amp, 208/120 Volt Wye or 240/120 Volt Delta  
200, or 400 Amp, 480/277 Volt Wye  
7 Terminal**

MFG. & CATALOG #	SERVICE AMPS	DIMENSIONS (INCHES)	TERMINAL SIZE (AWG OR KCMIL)		BYPASS TYPE	MAX UG WIRE SIZE
		HxWxD	MIN.	MAX	See Note 2	
<b>EATON/CUTLER HAMMER</b>						
1004138A-CH	200	$34 \frac{1}{2} \times 15 \times 5 \frac{11}{16}$	4	500	Lever	500
CH9802K7 (side-wired)	600 (CI 480)	$37 \frac{3}{4} \times 26 \frac{1}{8} \times 6 \frac{3}{16}$	<b>See Note 9</b>		Bolt-In	---
<b>DURHAM</b>						
1004138A	200	$34 \frac{1}{2} \times 15 \times 5 \frac{11}{16}$	4	500	Lever	500
<b>LANDIS &amp; GYR</b>						
9804-9142 (side-wired)	200	$20 \frac{1}{4} \times 16 \frac{1}{4} \times 5$	4	600	Lever	350
44707-02PP (side-wired)	400 (CI 320)	$34 \times 20 \times 6 \frac{1}{4}$	<b>See Note 8</b>		Lever	750
9817-9802 (side-wired)	600 (CI 480)	$37 \frac{3}{4} \times 26 \frac{1}{8} \times 6 \frac{3}{16}$	<b>See Note 9</b>		Bolt-In	---
<b>MILBANK</b>						
U-3786 (side-wired)	200	$19 \times 18 \times 6 \frac{1}{2}$	6	350	Lever	350
U-4168 (side-wired)	400 (CI 320)	$34 \frac{1}{4} \times 19 \times 6 \frac{1}{2}$	<b>See Note #8</b>		Lever	750

MFG. & CATALOG #	SERVICE AMPS	DIMENSIONS (INCHES)	TERMINAL SIZE (AWG OR KCMIL)		BYPASS TYPE	MAX UG WIRE SIZE
		HxWxD	MIN.	MAX	See Note 2	
<b>SIEMENS</b>						
S9804-9096 (side-wired)	200	20 $\frac{1}{4}$ x 16 $\frac{1}{4}$ x 5	4	600	Lever	350
S9804-9142 (side-wired)	200	20 $\frac{1}{4}$ x 16 $\frac{1}{4}$ x 5	4	600	Lever	350
S44707-02PP (side-wired)	400 (CI 320)	34x20x6 $\frac{1}{4}$	<b>See Note 8</b>		Lever	750
S9817-9802 (side-wired)	600 (CI 480)	37 $\frac{3}{4}$ x 26 $\frac{1}{2}$ x 7	<b>See Note 9</b>		Bolt In	---
<b>SQUARE D</b>						
1004138A-SQD	200	34 $\frac{1}{2}$ x 15x5 $\frac{11}{16}$	4	500	Lever	500

#### 480V CIRCUIT BREAKER/METER BASE COMBINATION

MFG. & CATALOG #	SERVICE AMPS	DIMENSIONS (INCHES) HxWxD	LINE TERMINAL SIZE (AWG or KCMIL)		LOAD TERMINAL SIZE (AWG or KCMIL)		AIC @480V
			MIN	MAX	MIN	MAX	
			<b>MILBANK</b>				
U5787-0-200-CB	200	28x26x5	#1/0	350	#6	350	35,000

#### MOST RECENT CHANGES

DATE	MFG.	CATALOG #	STATUS	REASON
12/2010	Eaton/Cutler Hammer	CH9802K7	Approved	New

#### NOTES:

- All meter bases listed in this table are "ringless" style and are rated 600 volts AC unless otherwise noted.
- All polyphase socket style bases must contain a lever bypass rated 100% continuous duty.
- 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.
- 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. All 200 amp meter bases capable of accepting 500 Kcmil conductor must be marked "200 Amp Capacity."
6. The third jaw from the left (as viewed from the front) on the bottom row of the seven jaw block must be connected to the neutral using a #14 awg or larger copper wire.
7. 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 conduit KOs directly under the line (utility) terminals must accept two (2) 4 inch conduits. The conduit KOs directly under the load terminals must accept an additional two (2) 4 inch conduits.
8. 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.
  - The upper right hand jaw (as viewed from the front) must contain an "anti-inversion" insert to prevent inverted meter installation or installation of a lower class meter.

**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	LINE SIDE NEUTRAL TERMINALS	LOAD SIDE TERMINALS
<b>LANDIS &amp; GYR, SIEMENS</b>	56476	60162	Single - 60162 Double - 56732
<b>MILBANK</b>	K3863	K1540	Single - K1540 Double - K1350

9. 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.

**APPROVED CONNECTORS FOR  
CLASS 480 METER BASES**

MFG.	LINE SIDE TERMINALS	LINE SIDE NEUTRAL TERMINALS	LOAD SIDE TERMINALS
<b>EATON/CUTLER HAMMER, LANDIS &amp; GYR, SIEMENS</b>	<i>Single Port Kit</i>		
	3 - #56476 (3/0 - 800 Kcmil)	1 - #60162 (#4 - 600 Kcmil)	3 - #56476 (3/0 - 800 Kcmil) 1 - #60162 (#4 - 600 Kcmil)
	<i>Double Port Kit</i>		
	3 - #56732-M (#4-500 Kcmil)	1 - #56732-M (#4 - 500 Kcmil)	4 - #56732-M (#4 - 500 Kcmil)
	<i>Triple Port Kit</i>		
	Not Permitted	Not Permitted	4 - #68752-1 (#6 - 250 Kcmil)