

**RULES FOR ELECTRIC METER
& SERVICE INSTALLATIONS**



Effective December 15, 2010
Updates All Previous Table

**Approved Meter Service Devices
TABLE 3**

**POLYPHASE, SINGLE POSITION
OVERHEAD ENTRANCE
100, 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
			MIN.	MAX	
		HxWxD			See Note 2
EATON/CUTLER HAMMER					
11004138A-CH	200	34 $\frac{1}{2}$ x15x5 $\frac{11}{16}$	4	500	Lever
CH9564K7	600 (CI 480)	43 $\frac{1}{16}$ x20 $\frac{1}{4}$ x6 $\frac{3}{16}$	See Note 9		Bolt-In
DURHAM					
1004138A	200	34 $\frac{1}{2}$ x15x5 $\frac{11}{16}$	4	500	Lever
MURRAY					
RH-173GR	200	17x10x5	6	350	Lever
RH-173GRJ	200	17x10x5	6	350	Lever
RK7-9564	600 (CI 480)	43x20 $\frac{1}{4}$ x6 $\frac{1}{32}$	See Note 9		Bolt-In
LANDIS & GYR					
40007-01GP	200	17x10x5	6	350	Lever
44707-02PP	400 (CI 320)	34x20x6 $\frac{1}{4}$	See Note 8		Lever
9817-9564	600 (CI 480)	43 $\frac{1}{16}$ x20 $\frac{1}{4}$ x6 $\frac{3}{16}$	See Note 9		Bolt-In
MILBANK					
U-7573	100	14x8x4 $\frac{1}{2}$	8	2/0	Lever
U-7421	200	17x10x5	2	350	Lever

MFG. & CATALOG #	SERVICE AMPS	DIMENSIONS (INCHES) HxWxD	TERMINAL SIZE (AWG OR KCMIL)		BYPASS TYPE See Note 2
			MIN.	MAX	
U-4168	400 (CI 320)	34 $\frac{1}{4}$ x19x6 $\frac{1}{2}$	See Note 8		Lever
SIEMENS					
S40007-01	200	17x10x5	6	350	Lever
S40007-01GP	200	17x10x5	6	350	Lever
S47707-81TH	200	28x14x6	4	600	Lever
S44707-02PP	400 (CI 320)	34x20x6 $\frac{1}{4}$	See Note 8		Lever
S9817-9564	600 (CI 480)	43x20 $\frac{1}{4}$ x6 $\frac{1}{32}$	See Note 9		Bolt In
SQUARE D					
1004138A-SQD	200	34 $\frac{1}{2}$ x15x5 $\frac{11}{16}$	4	500	Lever

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	
			MILBANK				
U5767-X-200-CB	200	43x13x5	#1/0	350	#6	350	35,000

MOST RECENT CHANGES

DATE	MFG.	CATALOG #	STATUS	REASON
12/2010	Eaton/Cutler Hammer	CH9564K7	Approved	New

NOTES:

1. All meter bases listed in this table are "ringless" style and are rated 600 volts AC unless otherwise noted.
2. All polyphase socket style bases must contain a lever bypass rated 100% continuous duty.
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. 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. Hub requirements:

<u>Connector Size</u>	<u>Minimum Hub Size</u>
350 Kcmil	2 1/2 inch
500 Kcmil	3 inch
800 Kcmil	3 1/2 inch

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
LANDIS & GYR, MURRAY, SIEMENS	56476	60162	Single - 60162 Double - 56732
MILBANK	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.
 - All overhead entrance bases have two (2) hub openings on top of base.

**APPROVED CONNECTORS FOR
CLASS 480 METER BASES**

MFG.	LINE SIDE TERMINALS	LINE SIDE NEUTRAL TERMINALS	LOAD SIDE TERMINALS
EATON/CUTLER HAMMER, LANDIS & GYR, MURRAY, SIEMENS	<i>Single Port Kit</i>		
	3 - #56476 (250 - 800 Kcmil)	1 - #60162 (#4 - 600 Kcmil)	3 - #56476 (250 - 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)