

**RULES FOR ELECTRIC METER
& SERVICE INSTALLATIONS**



Effective December 12, 2017
Updates All Previous Table

**Approved Meter Service Devices
TABLE 3**

**POLYPHASE, SINGLE POSITION
OVERHEAD ENTRANCE
100, 200 or 400 Amp, 208/120 Volt Wye or 240/120 Volt Delta
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 $\frac{1}{2}$ x 15 x 5 $\frac{11}{16}$ | 4 | 500 | Lever |
| DURHAM | | | | | |
| 1004138A | 200 | 34 $\frac{1}{2}$ x 15 x 5 $\frac{11}{16}$ | 4 | 500 | Lever |
| MURRAY | | | | | |
| RH-173GR | 200 | 17x10x5 | 6 | 350 | Lever |
| RH-173GRJ | 200 | 17x10x5 | 6 | 350 | Lever |
| MILBANK | | | | | |
| U-7573 | 100 | 14x8x4 $\frac{1}{2}$ | 8 | 2/0 | Lever |
| U-7421 | 200 | 17x10x5 | 2 | 350 | Lever |
| U-4168 | 400 (CI 320) | 34 $\frac{1}{4}$ x 19 x 6 $\frac{1}{2}$ | 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 |

| SQUARE D | | | | | |
|---------------------------------|-----------------|--|-------------------|-----|-------|
| 1004138A-SQD | 200 | 34 $\frac{1}{2}$ x15x5 $\frac{11}{16}$ | 4 | 500 | Lever |
| TALON (formerly L&G) | | | | | |
| 40007-01GP | 200 | 17x10x5 | 6 | 350 | Lever |
| 44707-02PP | 400 (CI 320) | 34x20x6 $\frac{1}{4}$ | See Note 8 | | Lever |

MOST RECENT CHANGES

| DATE | MFG. | CATALOG # | STATUS | REASON |
|---------|---------------------|------------|---------|--------------------------------------|
| 12/2017 | Eaton/Cutler Hammer | CH9564K7 | Removed | 600 Amps (CI 480) (Bolt-in metering) |
| | Murray | RK7 9564 | Removed | 600 Amps (CI 480) (Bolt-in metering) |
| | Siemens | S9817 9564 | Removed | 600 Amps (CI 480) (Bolt-in metering) |
| | Talon | 9817 9564 | Removed | 600 Amps (CI 480) (Bolt-in metering) |
| | Note 9 | | Removed | Class 480 V Meter Bases |

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 |
|--|--------------------------------|--|----------------------------------|
| MURRAY, SIEMENS, TALON (formerly L&G) | 56476 | 60162 | Single - 60162 Double - 56732 |
| MILBANK | K3863 | K1540 | Single - K1540 Double - K1350 |