

**RULES FOR ELECTRIC METER  
& SERVICE INSTALLATIONS**



**RULE 14**

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| <p>(a) Self-Contained Metering</p> <p>(b) Meter Bases</p> <p>(c) Location of Meter Base and Service Disconnect</p> <p>(d) By-Pass Facilities</p> |
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**RULE 14 - METERS — SECONDARY SERVICE — SELF-CONTAINED INSTALLATIONS**

**a. Self-Contained Metering:**

Customer installs and maintains an approved meter base specified by PPL EU for self contained meters.

PPL EU specifies self-contained meters as follows:

<b>Self-Contained Meter Table</b>			
<b>Meter Class</b>	<b>Phase</b>	<b>Voltage</b>	<b>Service Size</b>
200	1	120/208 (Network)	Up To And Including 200A
200	1	120/240	Up To And Including 200A
200	1	240/480	Up To And Including 200A
200	1	277/480 (Network)	Up To And Including 200A
200*	3	208Y/120, 4 wire	Up To And Including 200A
200*	3	240Δ, 4 wire	Up To And Including 200A
200*	3	480Y/277, 4 wire	Up To And Including 200A
320	1	120/208 (Network)	400A
320	1	120/240	400A
320	1	240/480	400A
320	1	277/480 (Network)	400A
320**	3	208Y/120, 4 wire	400A
320**	3	240Δ, 4 wire	400A

320**	3	480Y/277, 4 wire	400A
480	1	120/240	600A
480***	3	208Y/120, 4 wire	600A
480***	3	240Δ, 4 wire	600A

\* No individual phase current shall exceed 200A

\*\* No individual phase current shall exceed 320A

\*\*\* No individual phase current shall exceed 480A

**b. Meter Bases:**

The table of **Approved Meter Service Devices** list the PPL EU approved meter bases and the minimum and maximum conductor sizes for the approved meter bases. Install one conductor per terminal.

Installation of multiple terminal lugs is permitted in Class 320 and Class 480 meter bases.

PPL EU specifies meter bases capable of accepting 350, 500 or 750 kcmil conductor if loads or service distance deems it necessary.

**Sketch #25** and **Sketch #25A** show typical meter base connections.

**c. Location of Meter Base and Service Disconnect:**

The meter base is installed in the line side of all service protective equipment except where a main service disconnect is required by the National Electrical Code.

480 volt self-contained an additional circuit breaker must be installed on the line side of the meter base.

**d. By-Pass Facilities:**

Manual type by-pass facilities are required on all ringless meter bases. By-passes are not permitted on ring type meter bases.

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