

Strongbox Commercial Meter Specifications 0-200Amps EUSERC 308 Compliant

1. Utility Termination section shall be dimensioned as shown in Table 1. These dimensions are the minimum access allowed for these types of termination sections. The depth of the wireway shall accept a minimum 3-inch conduit, and cover shall be equipped with a lifting handle.
2. Service conductors are to terminate on landing lugs. The Service Termination lugs shall be #6 through 250KCMIL pressure-type, CU-AL listed. Insulated cable or buss shall be installed between the landing lugs and the test-bypass facilities.
3. Pedestals serving meters must have landing lugs, with customer wire from lugs to bypasses.
4. The meter shall be enclosed and the enclosing cover shall be hinged to allow the top, front, and or sides to rotate back exposing the metering compartment completely in order to provide clearances.
5. Internal equipment attached to the outer walls of the enclosure shall be secured in place with devices that may not be loosened from the outside. Screws or bolts requiring special tools for installation or removal are not acceptable.
6. A protective metallic barrier (16 gauge minimum) shall be installed between the utility termination section and the customer distribution section. There shall be a 1/4" minimum clearance between the customer section and protective barrier to prevent screws and bolts from protruding into the termination section.
7. Test-bypass blocks with rigid insulating barrier shall be furnished, installed and wired or bussed to the meter socket by the manufacturer. Connection sequence is LINE-LOAD from left to right. Each line load position shall be clearly identified by 3/4" minimum block letter labeling. Test-bypass cover panels shall be sealable and fitted with a lifting handle. All panels exceeding 16 inches in width shall require two lifting handles.
8. All utility compartments (meter cover, demand reset cover, and pull section) shall be sealable and padlockable.
9. Residential type pedestals are not acceptable for the temporary construction power for commercial /industrial premises. To serve commercial temporary power, a meter pedestal with test-bypasses, or a properly mounted safety socket can is required.
10. Photosynthetic cells are not permitted in the utility area. (Pull section/meter section).
11. Single-phase service will be three wires regardless of the voltage. i.e. 120/208, 120/240, 240/480 Volts. Three-phase service will be four wires regardless of voltage. 208/240/480 Volts.