



**SERVICE ENTRANCE, INDOOR,
OUTDOOR**
Meter Socket / Main Breaker Combination
100, 200, & 320 Ampere, 1 Phase

08-01-22
ER 19-236-E
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USE: Installation of a single meter project requiring the use of a main disconnect switch with the meter.

PREVIOUS REVISION 07-01-15	ORIGINATED 07-00	PREVIOUS NUMBER
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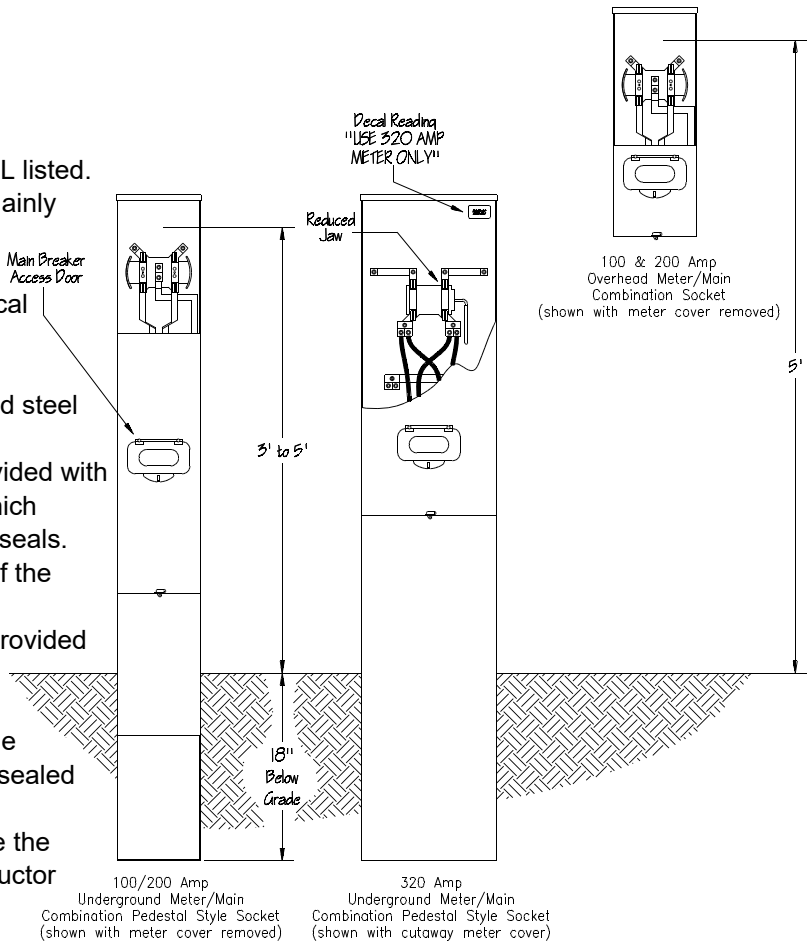
LATEST REVISION: Updated Milbank catalog numbers and Notes.

REFERENCE: Indiana Electrical Code / National Electrical Code (IEC/NEC), latest revision
UL 414, latest revision
ANSI C12.7, latest revision

SPECIFICATION:

1. GENERAL:

- 1.1 All equipment shall be UL listed.
- 1.2 All equipment shall be plainly marked with the manufacturer's name, part number, and electrical ratings.
- 1.3 Enclosures shall be constructed of galvanized steel or aluminum.
- 1.4 Enclosures shall be provided with a locking mechanism which accepts padlock or wire seals.
- 1.5 Meter sockets shall be of the ringless type.
- 1.6 Meter sockets shall be provided with a bypass of the manual, horn, or lever type, so arranged that the meter socket cannot be sealed with the bypass on.
- 1.7 Meter sockets shall have the following minimum conductor ranges for the line side terminations.
 - 1.7.1 100/200 amp - #2 - 4/0 lugs
 - 1.7.2 320 amp - 3/8" diameter studs
- 1.8 Meter sockets shall limit access to the metering compartment, from the breaker compartment.
- 1.9 All grounding shall be per IEC/NEC



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**2. METER SOCKET:**

- 2.1 Meter sockets shall be a minimum of 8" wide for overhead, and 11" wide for underground installations.
- 2.2 Meter sockets shall be installed with a height of 5' to the top of the meter.
- 2.3 Meter sockets shall be provided with concentric knockouts in the back, sides, and bottom of the enclosure.

3. METER SOCKET - PEDESTAL STYLE:

- 3.1 Pedestal style meter sockets shall be a minimum of 8" wide.
- 3.2 Pedestal style meter sockets shall be installed with a height of 3' - 5' to the top of the meter.
- 3.3 Pedestal style meter sockets shall be provided with knockouts in the back of the enclosure.
- 3.4 Pedestal style meter sockets shall be installed so 18" of the enclosure are beneath grade.
- 3.5 320 amp pedestal style meter sockets shall have a reduced jaw in the right line side location.
- 3.6 320 amp pedestal style meter sockets shall be provided with a decal which reads, "Use 320 Amp Meter Only"

4. APPROVED MATERIAL:

Description	OH / UG	Rating (Amps)	Supplied Breaker	Approved Manufacturer	Catalog Number
Meter Socket	OH	100	None	Milbank	U7375-RL-KK
Meter Socket	OH	200	1-200A		U7607-RL-200-KK
Pedestal Style Meter Socket	UG	100	1-100A (See Note 1)		U6689-O-100-KK (See Note 2)
Pedestal Style Meter Socket	UG	200	1-200A (See Note 1)		U6689-O-200-KK (See Note 2)
Pedestal Style Meter Socket	UG	320	2-200A		U3849-O-2/200

Note:

1. To order this socket without breakers, use catalog # U6689-O-KK or U8436-O with extension kit "K5800".
2. Low profile version is acceptable. Low profile catalog number specified with an "LP" suffix