

Overhead Single Phase Meter Bases


1. 200 amp meter base, ringless. Suitable for overhead entrances requiring 200 amp or less capacity.
 - a. Four (4) terminal lay-in type up to 250 MCM conductors or steel studded.
 - b. Must use lever by-pass.
 - c. Top hub sizes up to 3".
 - d. Knockouts on sides, bottom, and back up to 3".
 - e. Solidly grounded neutral bar with two (2) terminal lay-in type up to 250 MCM conductors or steel studded.
 - f. As a best practice, when installing neutral conductors, effort should be made to leave the conductor continuous through the termination lugs when possible.

2. 400 amp CL320 meter base, ringless.
 - a. Four (4) terminal lay-in type up to 350 MCM conductors or steel studded.
 - b. Must use 320 ampere, plug-in style base with lever by-pass.
 - c. Top hub sizes up to 3".
 - d. Knockouts on sides, bottom, back up to 3".
 - e. Solidly grounded neutral bar with two (2) terminal lay-in type up to 350 MCM conductors or steel studded.
 - f. As a best practice, when installing neutral conductors, effort should be made to leave the conductor continuous through the termination lugs when possible.

Underground Single Phase Meter Bases


1. 200 amp meter base, ringless. Suitable for underground entrances requiring 200 amp or less capacity.
 - a. Meter bases with top hub must be properly sealed with metal hub cover.
 - b. Four (4) terminal lay-in type up to 250 MCM conductors or steel studded.
 - c. Must use lever by-pass.
 - d. Knockouts on sides, bottom, and back up to 3".
 - e. Solidly grounded neutral bar with two (2) terminal lay-in type up to 250 MCM conductors or steel studded.
 - f. As a best practice, when installing neutral conductors, effort should be made to leave the conductor continuous through the termination lugs when possible.

2. 400 amp CL320 meter base, ringless.
 - a. Meter bases with top hub must be properly sealed with metal hub cover.
 - b. Four (4) terminal lay-in type up to 350 MCM conductors or steel studded.
 - c. Must use 320 amp, plug-in style base with lever by-pass.
 - d. Knockouts on sides, bottom, and back up to 3".
 - e. Two bottom knockouts up to 3", sides and back up to 3".
 - f. Solidly grounded neutral bar with two (2) terminal lay-in type up to 350 MCM conductors or steel studded.
 - g. As a best practice, when installing neutral conductors, effort should be made to leave the conductor continuous through the termination lugs when possible.

 <p>MAIN OFFICE: 270-765-6153</p>		PAGE 1 OF 2	
		DRAWN BY: MATTHEW VULETA	LAST REVISION
		METER BASE INSTALLATION	12/17/2020
		APPROVED BY: NOLIN RECC LINE DESIGN	

NOTES

1. All meter base (service entrance) locations must be approved by Nolin’s Line Design Department prior to service installation.
2. All new or upgraded commercial, industrial, farm, and residential services will be designed as underground. Any exceptions must be approved by Nolin's Line Design Department on a case by case basis.
3. All meter bases must be equipped with a by-pass lever. The ampacity must be stamped on all bases and the Underwriter’s Lab seal attached.
4. Meters and all electric service equipment must remain accessible at all times.
5. Meters should not be located in areas which are inconvenient to enter or where privacy is desired.
6. If service entrance equipment extends through a roof or the service conductors must cross over a roof, the service entrance equipment shall be of adequate strength and height to provide minimum code clearance for service.
7. Meters should be located so accessibility will not be obstructed by future alterations or additions.
8. No more than two 90 degree elbows are allowed in one run of conduit.
9. Conduit shall not be heated to bend.

 <small>A Touchstone Energy® Cooperative</small> MAIN OFFICE: 270-765-6153	PAGE 2 OF 2		
	DRAWN BY: MATTHEW VULETA	METER BASE INSTALLATION	LAST REVISION
APPROVED BY: NOLIN RECC LINE DESIGN	12/17/2020		