Underground Service

A

Load Option
To Customer
Generation
Disconnect

No load ducts or conductors in lower 2/3 of enclosure from front to back in shaded area

From Distributed
Generation
Galvanized, Schedule
80 PVC or IMC Duct

A1

Load Option
To Customer
Generation
Disconnect

Important:

Socket shall be wired phase 1-2-3 from left to right and the conductors marked as such. Each conductor phase will be identified at the weather head or padmount, and at the meter base using band-wraps of electrical tape: one band for phase one, two bands for phase two, and three bands for phase three. White tape is suitable for neutral conductors only.

B

Load Option
To CGD

From Distributed
Generation
Galvanized, Schedule
80 PVC or IMC Duct

1" Rigid Duct
See Note 5

Table A

<table>
<thead>
<tr>
<th>Allowed Number of Ducts</th>
<th>Maximum Conductors Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>750 kcmil</td>
</tr>
<tr>
<td>3</td>
<td>500 kcmil</td>
</tr>
<tr>
<td>4</td>
<td>Not Allowed</td>
</tr>
</tbody>
</table>

| Maximum Four Conductors Per Duct |

NOTES

1. MS-2-7.0 Three-Phase Thirteen-Terminal Socket for CT Meter
2. MS-3-3.0 Recording Meter Instrument Transformer Enclosure
3. MS-3.4.0 Triplex Meter Enclosure
4. If the number of runs or duct size exceed that allowed by Table A, use MS-3-3.0, MS-3-4.0, or MS-3-11.0 enclosure.
5. Use only one of the load options.
6. Does not necessarily go to transformer. Ducts have to be unbroken.
7. All enclosures (drawings A, B and C) shall be securely mounted to building
8. Line and load options shall be an different quarter section.
9. Customer Generation Disconnect (CGD)
10. Cannot terminate neutral in meter enclosure (must pull neutral thru REC enclosure to another device i.e. additional disconnect or distribution block)
11. Metering and instrument cabinets shall not be used to house Customer-owned equipment, such as distribution panels or other equipment, nor used as a junction box/through for the distribution of circuits.

MS-8-6.0

Over 200A Three-Phase REC Meter Options

Not to Scale

05/01/17  E