Meter Mounting Devices

General Information

Materials:
16 gauge, galvanized steel, G-90

Enclosures:
NEMA 3R

Finish:
Steel - Light gray, baked on powder polyester

Latches:
All swing latches are stainless steel

Block Material:
Glass reinforced polyester

Terminals:
Residential - Tin-plated aluminum extrusions 6061-T6
Commercial - Tin-plated copper and or tin plated aluminum

Accessories:
Factory installed hubs, coverplates, 5th terminals, oxide inhibitors, and barrel lock brackets available.

Standards:
Products cataloged herein meet or exceed the following standards: UL 486B, UL 414, NEMA 250, ANSI C12.7 UL File #30413

SUAS877-PPZA
4-Jaw 1ø 3W 200 Amp Residential Horn Bypass - Sidewire Design

Combination Head Screw features internal & external hex for use with either allen or socket wrench

Siemens meter mounting devices utilize the high quality Landis & Gyr design known throughout the utility industry for more than 50 years. Siemens meter sockets are built for safety, ease of installation, and long term quality. That is why we use stainless steel hardware, polyester powder coat paint for long lasting protection, and Type G-90 galvanized steel for all of our enclosures. It is also why we use an all-copper current path in our commercial sockets. All of this means that the Siemens' Landis & Gyr brand is recognized throughout the industry as the quality leader.

Features:

- All enclosures feature type G90 galvanized steel with a durable polyester powder coat finish
- Residential single position sockets (types SUAT) feature a quad neutral as a standard feature
- Most commercial sockets include a ground lug & some models are available with line & load lugs installed
- Lever bypass sockets feature the Landis & Gyr type HQ socket which is recognized by utilities as the industry standard for durability & quality
- Siemens features one of the most complete and comprehensive meter socket lines available from any manufacturer
- All residential, all CQ, and all 200A HQ sockets with lay-in lugs features an internal & external hex on all set screws which allows for use of either an allen or socket wrench

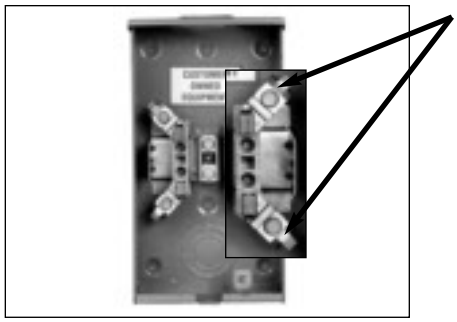
S40407-02CO
7-Jaw 3ø 4W 200 Amp Lever Bypass Type "HQ"

S48707-82GP
7-Jaw 3ø 4W 320 Amp Lever Bypass Type HQ - Sidewire Design

SUAT417-XG
4-Jaw 1ø 3W 200 Amp Residential - No Bypass

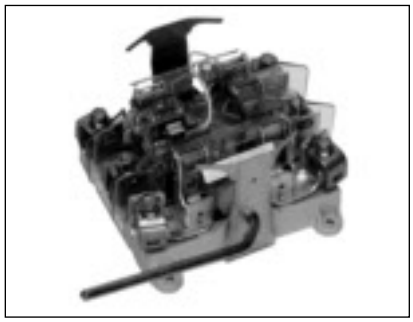
Meter Socket Bypass Types

There are several different bypass types used in the meter socket industry. The type of bypass used is dependent upon each individual utilities' requirements for that application. The illustrations and photos below will explain some of the basic bypass types seen in section 2 of the Siemens' speedfax. This page is meant for informative purposes only and is not meant to imply or convey the use of any particular bypass or inter-changing of any types of bypass for any application. The local utility should always be contacted to ensure approval of equipment prior to installation. The types of bypasses listed below are for utility use only.



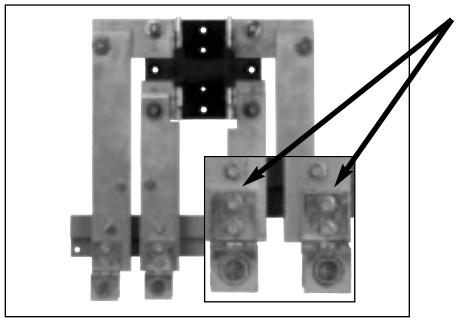
Horn Bypass:

Small tabs or "horns" on the line and load side of the meter socket act as electrical connection points for the utility to install a bypassing means- usually a specially produced wire or "jumper" designed for this specific application.



Lever Bypass:

A lever is used to rotate a plated copper blade between the line and load jaws. The Landis & Gyr lever bypass HQ socket also clamps on the meter when the bypass is dis-engaged. The bypass must be engaged to remove the meter then dis-engaged after the meter is installed. The bypass acts as an alternate path for current flow which helps to mitigate any arcing if the meter is being removed. This also ensures a constant current flow should the meter need to be removed.



Test Block Bypass:

Test Block Bypass sockets (TBB) have the line and load connectors mounted parallel to one another. This provides for a provision to bypass the meter by placing a jumper on the line and load bus. Note that this type of bypass is used primarily by those utilities subscribing to the EUSERC metering standards.