

# Meter Centers

## Modular Metering: Commercial Modules—Introduction

Commercial metering applications using 240volts, such as shopping centers, office buildings, and small commercial buildings frequently require different meter sockets from those used in residential applications. In many instances a 3-phase meter socket and tenant circuit breaker must be used. Siemens is proud to offer a complete line of commercial metering to meet the majority of the vast array of utility specifications for commercial meter services.

For those utilities requiring a lever bypass Siemens has a complete line of 100-320amp/position lever bypass meter modules using the high-quality Landis & Gyr HQ lever bypass block. These modules offer several Siemens exclusive features to help installation.

If a EUSERC-approved commercial service is needed Siemens is now proud to offer our line of test-block bypass (TBB) commercial meter modules. These devices eliminate the labor intensive bussed gutter solution that was used in the past.

Some utilities require a bolt-in meter for 400amp applications. The bolt-in meter socket (also called K base) was designed and still originates with Landis & Gyr. Siemens offers the widest array of K base meter modules in the industry. The socket used in these modules is utility specific so please check for approval prior to installation.

The versatility and capability of the Siemens line of commercial meter modules has been designed to fit the majority of application and utility requirements and can be inter-connected with residential meter modules for maximum versatility.

### Lever Bypass

Siemens lever bypass meter modules are designed to stand up to the heavy demands of commercial services. Siemens features the Landis & Gyr HQ meter block at each position. Modules are available with 3-phase or single phase thru bus coupled with 3-phase or single phase tenant circuit breakers. Applications requiring 240/120V AC 3-phase 4-wire Delta should only use those modules with a 3-phase tenant main provision.

Features include:

- 1-4 positions on 100 and 200amp devices
- 1-2 positions on 320amp(400amp max) devices
- 100,000 AIC on 200amp devices
- Factory installed tenant breakers on 320amp devices
- 3-Phase 100amp devices- saves on cost of 3-phase tenant mains
- 5th jaw included, standard, on all single phase meter modules
- 1200amp thru-bus, NEMA 3R outdoor construction
- Siemens exclusive floating deadfront on 200amp devices- eliminates the need for filler plates when using a 100amp breaker in a 200amp provision
- Centrally located neutrals and ground lugs by each breaker provision
- Factory phased sockets reduces installation time
- Horizontal 3-phase breaker mounting- reduces install time and effort

### Test Block Bypass

Siemens line of test-block-bypass (TBB) meter modules are designed to provide a solution for commercial group metering applications in utility service areas that follow the EUSERC specification. Each position features the same meter block used on Siemens' commercial switchboards to maintain high quality standards. Modules are available with 3-phase or single phase thru bus coupled with 3-phase or single phase tenant circuit breakers. Applications requiring 240/120V AC 3-phase 4-wire Delta should only use those modules with a 3-phase tenant main provision.

Features include:

- 1-3 positions on 200amp devices
- Field conversion from 200amp to 100amp breakers with no additional kits
- 225 max tenant breaker capability
- Horizontal breaker mounting reduces install time and effort
- Centrally located neutral lugs

### K Base

Siemens line of modules featuring the Landis & Gyr bolt-in meter socket (K base) is the most extensive in the industry. These modules are available in 1 position only and are available with 3-phase or single phase thru bus coupled with 3-phase or single phase tenant circuit breakers. Applications requiring 240/120V AC 3-phase 4-wire Delta should only use those modules with a 3-phase tenant main provision. These modules should not be installed until the local utility has given approval.

Features include:

- factory installed 400amp Siemens circuit breaker
- 400amp continuous/400amp max Landis & Gyr K base meter socket (K7 for three phase, type K5 for single phase)

