

Eaton metering solutions

A metering lineup engineered
for **reliability and compliance**



EATON

Powering Business Worldwide

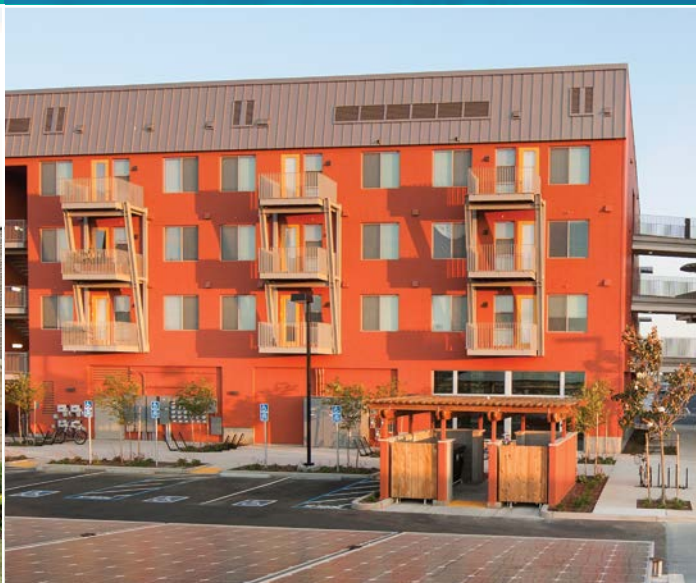


At Eaton, we understand that precise and dependable electrical metering is crucial in managing energy consumption and enhancing efficiency. From commercial buildings and industrial facilities to residential complexes and utility providers, Eaton offers a comprehensive range of metering solutions designed to meet diverse needs.

Our product lineup includes single meter sockets that provide easy and cost-effective installation options; residential meter breakers that integrate all-in-one service entrance equipment for quick and flexible installation; and group metering to service your multi-family and multi-tenant needs.

These solutions are engineered to ensure reliability, durability and compliance with the latest standards, making Eaton the go-to provider for residential and light commercial electric meter needs.

Metering solutions





Single meter sockets

Description

Eaton offers both residential and light commercial electric meter sockets to meet the needs of various applications. Our single-socket surface- or flush-mount outdoor enclosures are available in two styles, facilitating both efficient and cost-effective installation. The one-piece, die-run electric meter socket enclosures are designed to prevent tampering and enhance product longevity.

Application

These utility-approved single-meter sockets are ideal for residential installations, rural service entrances, mobile homes and temporary power needs on construction sites.

Features

- Single-socket surface- or flush-mount outdoor enclosures easily install to save time and money
- One-piece, die-run enclosure eliminates tampering and extends product life
- Ground bars are available for field installation so installers can configure on the fly, saving time and installation cost
- One piece for terminating incoming/outgoing neutral conductors—integral triplex or quadplex ground extruded in neutral lug—increases the integrity of connections
- Block assembly base exceeds 400 in-lb of torque for durability in extreme installation environments

Catalog number selection

Note: The “U” prefix is always used first followed by other prefixes required in alphabetical order.

UT RS 2 0 2 B CH

Standard prefixes
A = Aluminum enclosure
B = Barrel lock provision, for an exposed INNER-TITE® or Brooks barrel lock; unit includes an internal lock receiver bracket
F = Barrel Lock with guard provision, for a lock guard INNER-TITE or Brooks barrel lock; unit includes an internal lock receiver bracket
G = Grounded fifth terminal (9 o'clock position)
H = Horn bypass
I = Inhibitor installed in wire connectors
M = Temporary meter cover (waxed cardboard)
N = No sealing ring (applies only to ring style sockets)
R = Ring style socket
S = Aluminum screw type sealing ring (applies only to ring style sockets)
T = Grounding connector (#14–#2 Cu) for triplex ground
TT = Two grounding connectors (#14–#2 Cu) for quadplex ground
U = UL Underwriters Laboratories label
Z = 5/16-inch hex head connector screw in place of slotted (100 A only)

Product group
RS = Residential service, single position
2R-6R = Residential service, multiple position
2H-6H = Commercial or residential service, multiple position
H = Commercial or residential service, single position

Standard suffixes
A = Solid top
B = Small hub opening
C = Small hub closing plate mounted
L = 1.25-inch (31.8 mm) hub mounted
M = 1.50-inch (38.1 mm) hub mounted
N = 2.00-inch (50.8 mm) hub mounted
P = 2.50-inch (63.5 mm) hub mounted
T = Large hub opening hub
U = Large hub cover plate hub mounted
V = 2.50-inch (63.5 mm) large hub mounted
Q = 3.00-inch (76.2 mm) large hub mounted
R = 3.50-inch (88.9 mm) large hub mounted
S = 4.00-inch (101.6 mm) large hub mounted
Z = Large to small hub adapter mounted

Maximum conductor (line and load)
0 = 0.38-inch stud connectors
1 = #2/0 connectors
2 = #250 kcmil connectors
3 = #350 kcmil connectors

Service design
0 = Overhead
1 = Combination overhead/underground
2 = Underground, side wired
3 = Combination overhead/underground, side wired

Ampere rating
1 = 100 A
2 = 200 A
5 = 150 A



Residential meter breakers

Description

Eaton's residential meter breakers save time and cost by providing contractors with all-in-one service entrance equipment. The meter breakers allow for quick, flexible and simple installation and work with BR and CH branch circuit breaker types. These durable enclosures meet the latest NEC® wire bending space requirements.

Application

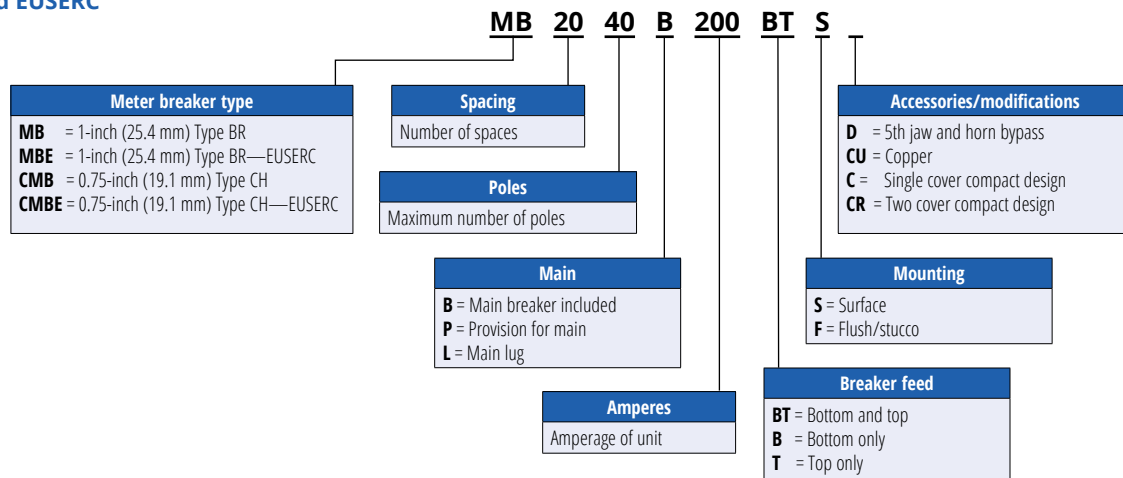
In addition to residential installations, meter breakers are equally applicable for rural service entrance, mobile homes and construction site temporary power. Meter breakers are most often sold in the western, southwestern and southeastern United States. Residential meter breakers are increasingly popular as more utilities pass the responsibility of supplying watt-hour meter sockets to the electrical contractor and allow the option to use meter breakers.

Features

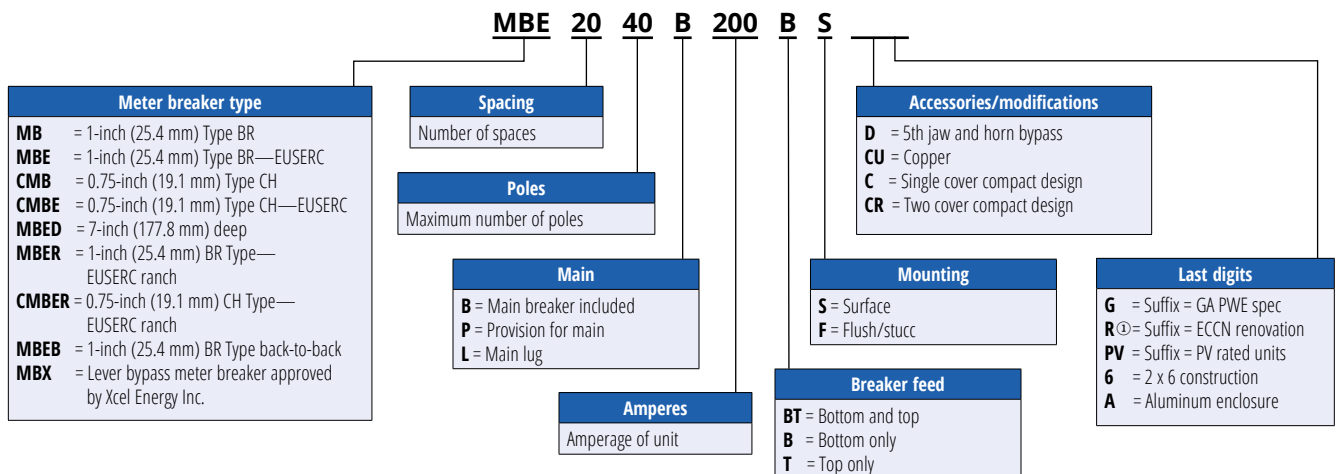
- Compatible with both Type BR and Type CH branch circuit breaker styles
- Surface units come with mounting tabs and semi-flush units include a stucco flange
- Support both overhead and underground service
- Many units feature a center keyhole for easier mounting

Catalog number selection

BR, CH and EUSERC



Combination service entrance devices—EUSERC





Residential meter stacks

Description

Eaton's residential meter stacks are designed for safe and straightforward installation and maintenance. Constructed from galvanized steel, the enclosures offer exceptional rust resistance and long-term durability. The meter socket base is installed without fasteners, significantly reducing the risk of hot spots. Additionally, separate covers provide easy access to tenant breaker wireway sections, allowing work to be performed without disturbing meters or their covers.

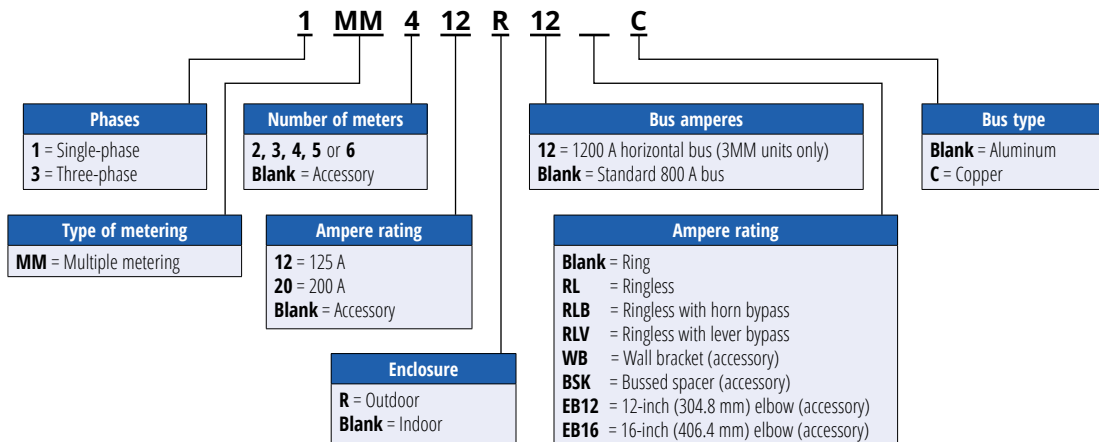
Application

Ideal for residential metering in apartment complexes, duplexes and triplexes, these modular units provide flexibility to accommodate the required number of sockets.

Features

- Meter socket and tenant main breaker/wireway sections are divided by a solid metal barrier, guarding against power theft
- Each module's wireway includes a convenient termination point for neutral conductors
- Enclosures are constructed from galvanized steel and feature a rust-inhibiting phosphate primer along with a gray baked enamel finish for enhanced durability
- Meter socket base is installed without fasteners, minimizing the risk of hot spots
- Separate covers allow easy access to tenant breaker and wireway section as well as permit work on breakers or in wireway without disturbing meters or meter covers

Catalog number selection





Solar-ready meter breakers and loadcenters

Description

Eaton solar-ready meter breakers combine photovoltaic (PV) power alongside utility power into one convenient enclosure. Meter breakers provide the service entrance equipment that consists of a meter socket and loadcenter or a meter socket and main breaker in a single enclosure.

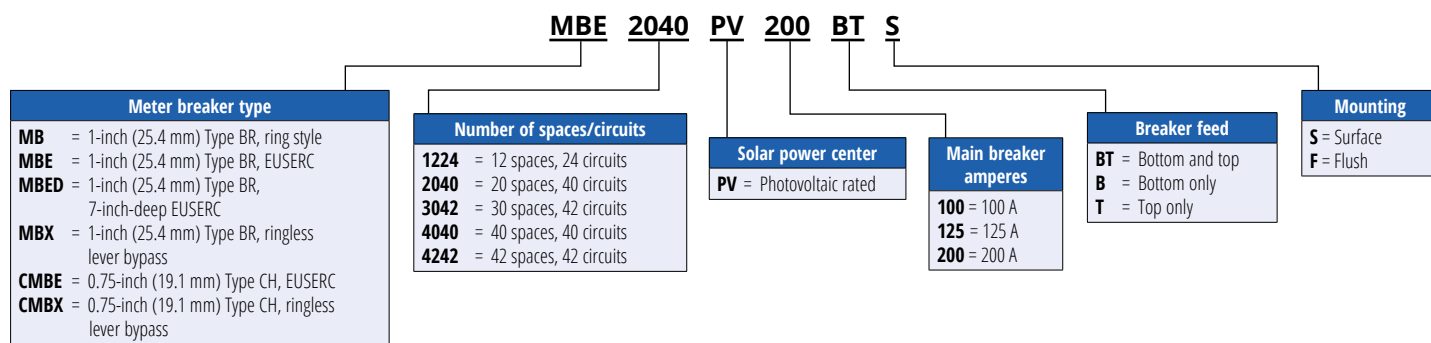
Application

Eaton solar meter breakers are ready out of the box to transition a residential home to efficient and sustainable solar power by combining PV power and utility power into one enclosure.

Features

- Single-phase, three-wire, 120/240 Vac
- Copper bus rated up to 225 A maximizes the allowable PV input at 70 A for standard units with a 200 A main disconnect
- 100 A, 125 A and 200 A main breakers are available factory installed, providing additional flexibility in PV sizing
- Overhead and underground feed applications
- Surface- and flush-mounted designs available
- Top or bottom exit of load wiring
- Limited lifetime warranty for CH and 10-year warranty for BR
- Available 7-inch-deep designs appropriate for stucco homes
- Padlocking provisions

Catalog number selection





Main service modules

Description

Eaton's main service module offers a variety of components, including main terminal/lug compartments, circuit breakers, fusible switches and bolted pressure switches. It is designed for use with various modular metering stacks and meets EUSERC electrical requirements. The module supports both single-phase and three-phase systems, providing flexibility and reliability for integrated electrical systems.

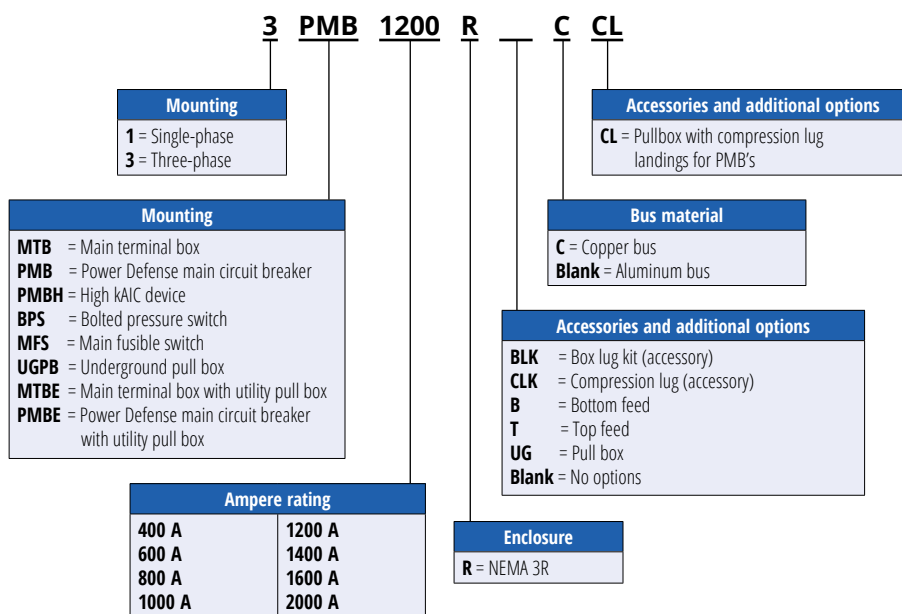
Application

Eaton's main service modules are integral to gangable metering systems, which consist of a main service module paired with meter stacks to create a customized metering lineup. This setup is ideal for large condominiums, strip malls or other applications requiring metering for more than six units.

Features

- Integral surge add-on accessory
- Utilizes Eaton's advanced Power Defense™ breaker technology
- Service entrance meter mains with surge protection provide Arcflash Reduction Maintenance System™ as standard product offering for 1000 A and above
- Suitable for indoor or outdoor applications without additional equipment to ensure weather resistance
- Save installation time and cost with knockouts provided in bottom end wall of enclosures
- Metering modules can be attached to either side or both sides of the main device, providing flexibility during installation

Catalog number selection





Commercial meter stacks

Description

Eaton's commercial meter stacks provide users with quick, flexible and easy installation. These versatile meter stacks can be mounted with 1MM/3MM modules, allowing for a variety of configurations. They are UL® listed and comply with EUSERC electrical standards, making them suitable for use as service entrance equipment—this means there is no need for additional purchases or add-ons.

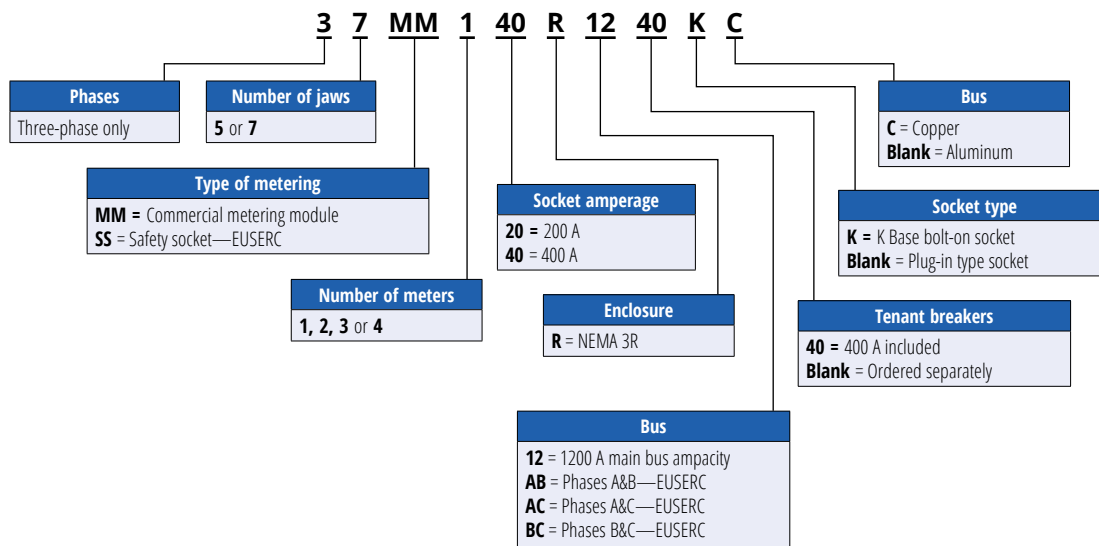
Application

The combination indoor/outdoor durable enclosures make them ideal for applications such as strip malls, office complexes and industrial parks.

Features

- Removable top cap, bottom plate and back plate for field-installed knockouts (all blank plates) allow for flexible and easy installation
- Meter socket and tenant main breaker/wireway sections are separated by a solid metal barrier to guard unmetered bus against power theft
- Meter stacks can be mounted with 1MM/3MM modules, allowing for numerous configurations and greater flexibility
- UL listed and suitable for use as service entrance equipment, eliminating the need for additional purchases or add-ons
- Separate covers allow easy access to tenant breaker and wireway section without disturbing meters or meter covers

Catalog number selection



Learn more about Eaton metering products at
Eaton.com/meteringsolutions

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