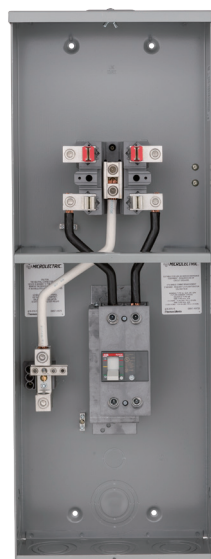




**MICROELECTRIC®**

**As of May 2018, all CO2  
series 200 A units now  
come complete with  
ABB breakers.**



---

# Microelectric®

---

## CO Series Combination meter sockets and breaker units

# 3

Innovative solutions  
that reduce installation time  
and costs

- Pre-installed neutral conductor
- Adjustable breaker bridge
- Removable gutter

**Thomas & Betts**

A Member of the ABB Group

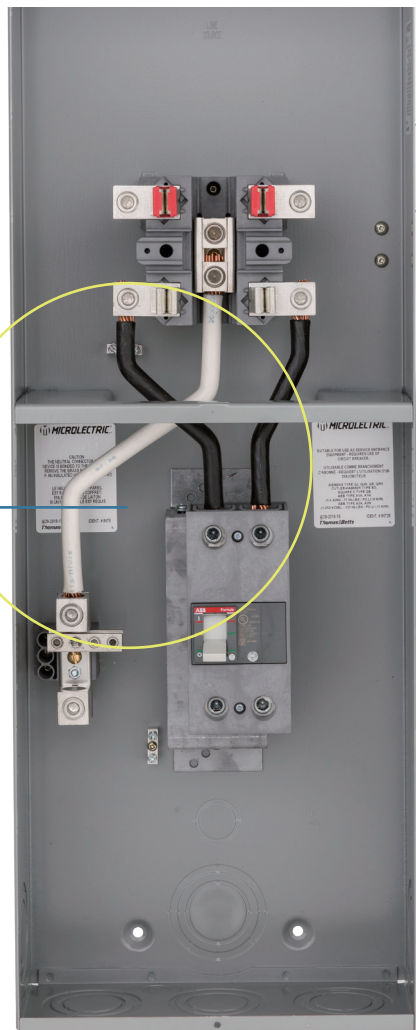
# Factory-installed neutral conductor

The neutral conductor in an electrical system serves as the return path for current and keeps the electrical system balanced. The Canadian Electrical Code requires that the neutral conductor be connected to the meter socket which is why all meter sockets provide an integrated neutral connector.

For increased convenience and safety, Thomas & Betts is now including a factory-installed neutral conductor as a standard feature on all Microelectric® CO1 and CO2 Series single-gang meter sockets.

Having a pre-installed neutral conductor reduces installation time and related costs for the electrical contractor as well as increasing safety by ensuring that the neutral conductor is always connected.

Factory-installed neutral conductor



# 2

## Adjustable breaker bridge

### Breaker options

All CO2, CO22 and CO42 Series meter sockets include an adjustable breaker bridge which provides versatility when choosing which breaker brand to install:

ABB type A2

Siemens type; QJ, QJH, QR, QRH

Square D type; QBL

Eaton type; ED, EDH

The breaker bridge can now be adjusted to accommodate any one of the above-mentioned breakers. Simply follow the instructions contained in the installation sheet supplied with each meter socket.

Note that these CO Series meter sockets are not supplied with load side conductor connections. A connection kit is available for each breaker manufacturer option.

ABB breaker  
Conductor kit  
Cat. No. CO3009A2-KIT



Siemens breaker  
Conductor kit  
Cat. No. CO3009-KIT



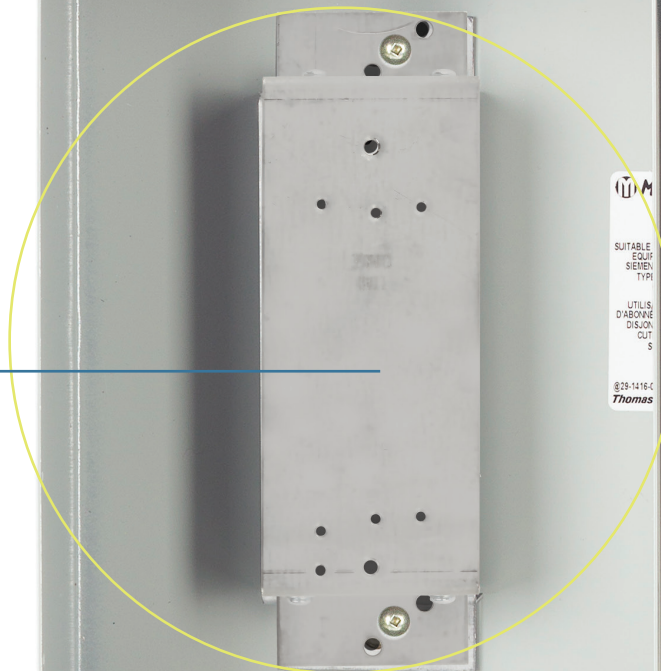
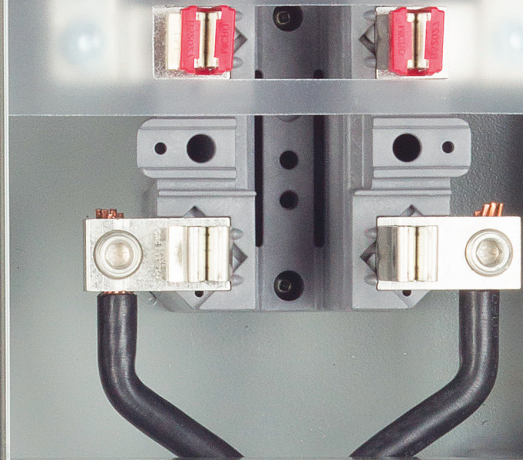
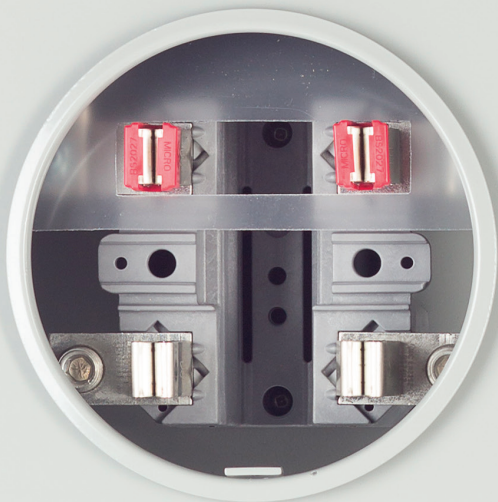
Square D breaker  
Conductor kit  
Cat. No. CO3009SD-KIT



Eaton breaker  
Flexible braid kit  
Cat. No. CO3409FB-KIT



Conductor kits must be ordered separately and are not supplied with breakers.



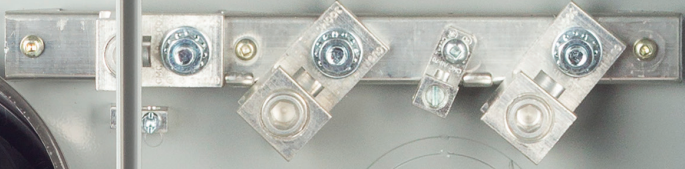
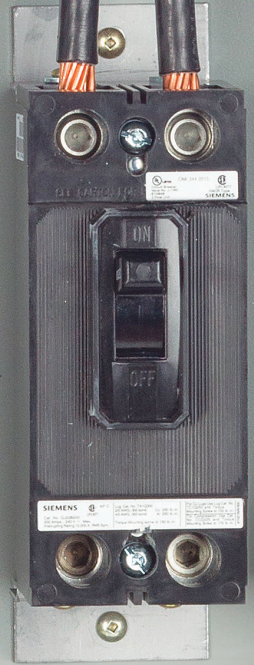
**LECTRIC**  
SUITABLE EQUIP. SIEMENS TYPE S  
UTILIS. D'ABONNÉ DISJONCTEUR TYPE S

SERVICE ENTRANCE  
LINES USE OF CUTLER-HAMMER  
E.D. TYPE QB  
MAKER

BRANCHEMENT  
L'UTILISATION D'UN  
DISJONCTEUR TYPE QB  
PE QB

IDENT. # INT28

Thomas



# 3

## Removable gutter

The Canadian Electrical Code requires a gutter in single-gang meter sockets for underground service to protect the connectors in the bottom main breaker portion of the meter socket.

The CO Series includes a removable gutter that is easy to re-install and enhances safety by limiting access to conductors.

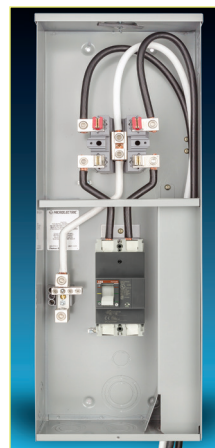
The gutter installation screw is only accessible in the upper portion of the meter socket which is sealed by the local utility. The fact that only authorized personnel have access to the conductors increases safety and reduces the risk of conductor theft.



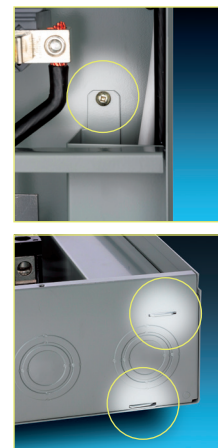
**Step 1**  
Remove top screw  
and gutter.



**Step 2**  
Install line side  
conductors.



**Step 3**  
Replace gutter and  
replace screw on top.



Safe and tamper-proof!  
Gutter screw only accessible from sealed upper portion of meter socket.

Easy installation:  
gutter clips to bottom portion of meter socket.



The Microelectric® CO Series combines a meter socket and main breaker in a single unit that is installed on the outside of a building and includes a range of single- and multi-position models for 200 and 400 A services.

In addition to providing versatility on the placement of the meter socket, the CO Series is increasingly being specified in areas that are prone to flooding and wild fires. These meter sockets allow emergency responders to quickly and safely shut off the main power supply from the outside of a building, eliminating the need to venture into potentially unsafe conditions.

For more details about the Microelectric® CO Series, go to [www.tnb.ca](http://www.tnb.ca).

Microelectric®. The solutions you need, the quality you trust.

**Thomas & Betts**

A Member of the ABB Group