Non-EUSERC Combination Service Entrance Devices 100–200A Styles

Product Description
A device that may include a meter socket, main breaker and loadcenter section within the same enclosure.

- Meter main = meter socket and main breaker
- Meter breaker = meter socket, main breaker and loadcenter section

Application Description
Eaton’s line of non-EUSERC meter breakers are designed for customers served by utilities that are not members of EUSERC.

Features, Benefits and Functions

**Meter Mains and All-in-Ones**
- Single-phase, three-wire, 120/240 Vac, 10 kAIC
- Larger lay-in lugs and 3-inch (76.2 mm) knockouts for ease of installation
- Box-type main lugs included
- Factory-installed neutral
- Hub provisions on top endwall. If hubs are required, order “DS” style
- Ring, ringless and ringless with horn bypass styles available
- Ringless style, provided with embossed covers and security latch for utility company lock
- Padlockable device covers provide additional measure of safety and help prevent tampering
- NEMA 3R rainproof construction

**Meter Mains**
- Meter socket and main breaker
- Stainless steel latches on meter compartments in MBP types
- No distribution section included

**All-in-Ones**
- Meter socket and loadcenter distribution section
- Stainless steel latches on meter compartments
- Several designs with horn bypass and fifth jaw
- Center-fed main breaker, lugs or provision
- Uses Type BR 1-inch (25.4 mm) wide branch breakers
- Special channel for top exit
## 5.10 Metering Products

### Meter Breakers

#### Catalog Number Selection

<table>
<thead>
<tr>
<th>Meter Breaker Type</th>
<th>Spacing</th>
<th>Poles</th>
<th>Main</th>
<th>Amperes</th>
<th>Accessories/Modifications</th>
<th>Mounting</th>
<th>Breaker Feed</th>
</tr>
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<tbody>
<tr>
<td>MB</td>
<td>Number of spaces</td>
<td>Maximum number of poles</td>
<td>B = Main breaker included</td>
<td>Amperage of unit</td>
<td>D = 5th jaw and horn bypass</td>
<td>S = Surface</td>
<td>B = Bottom and top</td>
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<td>MBE</td>
<td></td>
<td></td>
<td>P = Provision for main</td>
<td></td>
<td>CU = Copper</td>
<td>F = Flush/stucco</td>
<td>B = Bottom only</td>
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<td>CMB</td>
<td></td>
<td></td>
<td>L = Main lug</td>
<td></td>
<td>C = Single cover compact design</td>
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<td>T = Top only</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>CR = Two cover compact design</td>
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</table>

- **MB 20 40 B 200 BT S**

- **MB** = 1-inch BR Type
- **MBE** = 1-inch BR Type—EUSERC
- **CMB** = 3/4-Inch (19.1 mm) CH Type
- **CMBE** = 3/4-inch (19.1 mm) CH Type—EUSERC

- **Spacing**
- **Poles**
- **Main**
- **Amperes**
- **Accessories/Modifications**
- **Mounting**
- **Breaker Feed**
## Product Selection

**Note:** See knockout drawings on Pages V1-T5-72 through V1-T5-78 for hub information.

### Combination Service Entrance Devices—Non-EUSERC

#### Ring Style Meter Mains (no distribution section included)

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<th>Bypass Style</th>
<th>Service</th>
<th>kAIC</th>
<th>Jaws</th>
<th>Distribution</th>
<th>Main</th>
<th>Branch Breaker Type</th>
<th>Dimensions and Enclosure Shape</th>
<th>Page Numbers</th>
<th>Catalog Number</th>
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### Notes

1. See Page V1-T5-72 for box details.
2. Per installed main breaker rating.
3. When a provision for main is provided, order one of the main breakers listed in Page V1-T5-47. Panels are dual labeled to accept Types BW, BWH, CSR or CH Main Breakers.
4. Conversion kit is needed for load side cable connection for Meter Mains. Please order separately.
5. When a provision for main is provided, order one of the main breakers listed in this table. Panels are labeled to accept Type CSR Main Breakers.
6. Copper bus.
7. One-piece cover on utility side, Florida approved.
8. Single cover design.
9. Xcel approved.
Group Metering and Meter Breakers

Catalog Numbers—MBB150BTS, MBP200SD, MBB200BTS, MBP200BTS, MBP200BTSD, CMBXB200BTS and CMBXP200BTS

Catalog Numbers—MB2040P200SD, MB2040B200BTS, MB2040P200BTS, MB2040B150SD and MB2040B200SD

Wiring Diagram Key
- #6-2/0 AWG
- #6-350 kcmil
- #1-300 kcmil
- #6-300 kcmil