INTERSYSTEM BONDING TERMINATION

METERBOX BONDING KIT
Use to connect multiple intersystem conductors
Accommodates up to 4 wires #2-14AWG
Mount on exterior of meter box or panel
All kits include stainless steel mounting hardware
Each kit is individually bagged
MBKA Aluminum bar kit is suitable for indoor or dry outdoor use
MBKC Copper bar kit is suitable for outdoor situations

Each kit contains:
(1) Bar with set-screws for wire connecting
(2) Mounting screws 1/4-20 X 1 1/4 stainless steel slotted head
(2) Nuts 1/4-20 stainless steel
(2) External-tooth countersunk lock-washers 1/4" stainless steel

MBK SERIES

<table>
<thead>
<tr>
<th>NAED NUMBER</th>
<th>CATALOG NUMBER</th>
<th>BAR MAT'L</th>
<th>DIMENSIONS (IN)</th>
<th>MOUNTING HOLE</th>
<th>KITS/CTN</th>
<th>EST. SHIPPING WEIGHT (lbs) UNIT</th>
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</thead>
<tbody>
<tr>
<td>27450</td>
<td>MBKC2-4</td>
<td>CU*</td>
<td>3/8 5/8 2 1/4</td>
<td>1/4 CLEAR 2 1/4</td>
<td>10</td>
<td>2 CTN</td>
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<tr>
<td>27460</td>
<td>MBKA2-4</td>
<td>AL**</td>
<td>3/8 5/8 2 1/4</td>
<td>1/4 CLEAR 2 1/4</td>
<td>10</td>
<td>1 CTN</td>
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</tbody>
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* CU bar (in #MBKC2-4) is CSA certified and UL recognized with zinc-plated steel set-screws;
** Aluminum bar (in #MBKA2-4) is CSA certified. Screws are slotted-head zinc-plated mild steel.

INSTALLATION
1 - Pre-position bar and drill one 1/4 inch clearance hole. Install bar loosely with one screw. Locate and drill second mounting hole. Clean inner metal surface if heavily coated (inner surface need not be cleaned if it is paint-coated less than .01 thick).
2 - Position teeth of external-tooth washers down against inside surface of box, as shown, so they will penetrate paint to create the bonding connection.
3 - Apply oxide-inhibitor or silicone sealant to bare metal surfaces of drilled holes and around mounting screws to create seal.
4 - Finish the assembly and tighten the mounting screws to 7 in-lbs torque, to assure that the external-tooth washers penetrate paint to create the bonding connection.
5 - Install wires into bar. Tighten set-screws to 130 in-lb on #2AWG, 75 in-lb on #4AWG, 60 in-lb on #6AWG, 55 in-lb on #8AWG.

2008 NEC article 250.94 requirements
• An intersystem bonding termination for connecting intersystem bonding and grounding conductors required for other systems shall be provided external to enclosures at the service equipment and at the disconnecting means for any additional buildings or structures.
• The intersystem bonding termination shall be accessible for connection and inspection. The intersystem bonding termination shall have the capacity for connection of not less than three intersystem bonding conductors.
• The intersystem bonding termination device shall not interfere with opening a service or metering equipment enclosure.