



INTERSYSTEM BONDING TERMINATION

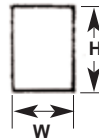
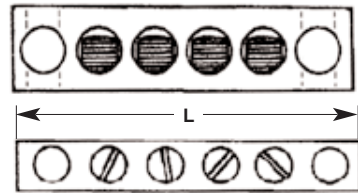
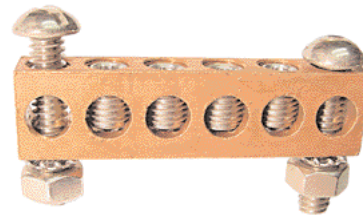
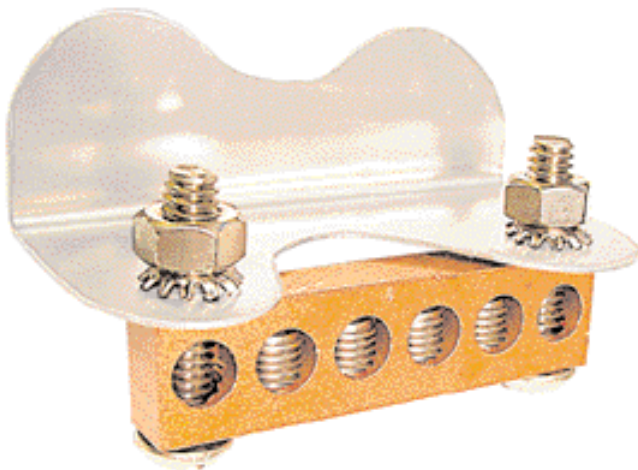
METERBOX BONDING KIT

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

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.

Cutaway of box



- 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

NAED NUMBER	CATALOG NUMBER	BAR MAT'L	DIMENSIONS (IN)			MOUNTING HOLE		KITS/CTN	EST. SHIPPING	
			W	H	L	DIA	CENTERS		WEIGHT (lbs)	UNIT
27450	MBKC2-4	CU*	3/8	5/8	2 7/16	1/4 CLEAR	2 3/8	10	2	CTN
27460	MBKA2-4	AL**	3/8	5/8	2 7/16	1/4 CLEAR	2 3/8	10	1	CTN

* CU bar (in #MBKC2-4) is CSA certified and UL recognized with zinc-plated steel set-screws; CU bar in kit has stainless steel (5/32 hex-socket) set-screws suitable for outdoor locations.
 **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.