

## grounding, bonding & splicing



Everyone knows how important grounding, bonding and splicing are. Madison's extensive line of quality grounding, bonding and splicing products prove that we understand it as well. We offer an array of UL listed products, ensuring that no matter what conductor size, Madison has what you need to meet all of your grounding, bonding or splicing needs.



## OXIDE INHIBITOR

Eliminates binding and aluminum oxide formation for all AL/AL - AL/CU wire connections and aluminum conduit thread joints

**Size:** 4oz.



ITEM#	INNER QTY	MASTER QTY
B-85-4	1	12

## GROUND CLAMPS

Connects bare copper wire to water pipe, ground rod or copper metal tubing for grounding



**Material:** As noted below

**Certifications:** UL Listed (except L-160-C), CSA Listed (except L-160-C)

**Notes:** L-160-DB is suitable for direct burial



ITEM#	TRADE SIZE	CLAMP/SCREWS	BARE COPPER GROUND WIRE	INNER QTY	MSTR QTY
L-160	1/2" - 1"	ZINC / STEEL	#8 SLD - #2 STR	25	125
L-160-C	1/2" - 1"	ZINC-BRONZE PLATED / STEEL	#8 SLD - #2 STR	25	125
L-160-B	1/2" - 1"	BRONZE / BRONZE	#10 SLD - #2 STR	25	125
L-160-BS	1/2" - 1"	BRONZE / BRASS	#10 SLD - #2 STR	25	125
L-160-DB	1/2" - 1"	BRONZE / BRONZE	#10 SLD - #2 STR	25	125
L-180-2B	1-1/4" - 2"	BRONZE / STEEL	#10 SLD - #2 STR	5	50
L-180-2BS	1-1/4" - 2"	BRONZE / BRONZE	#10 SLD - #2 STR	5	50
L-184	2-1/2" - 4"	BRONZE / STEEL	#10 SLD - #2 STR	0	5

## ARMORED GROUND CLAMPS

Connects armored cable to water pipe for grounding

**Material:** Zinc-Bronze Clamp, Plated Steel Screws

**Features:** 2 screw design for armored ground wire



ITEM#	TRADE SIZE	BARE COPPER GROUND WIRE	INNER QTY	MASTER QTY
L-163	1/2" - 1"	#8 SLD - #4 STR	25	250

## GROUND STRAPS

Provides grounding termination points in load centers and other enclosures

**Material:** Copper Plated Screw & Nut



ITEM#	TRADE SIZE	INNER QTY	MASTER QTY
GS-1	3/8" - 1"	N/A	100

## GROUND CLAMP HUBS

Connects a ground conductor in rigid conduit to water pipe for grounding

**Material:** Bronze Clamp, Steel Screws

**Certifications:** UL Listed, CSA Listed

**Notes:** For use with wire sizes #8 solid - #4 stranded



### STANDARD

ITEM#	TRADE SIZE	CONDUIT HUB	INNER QTY	MASTER QTY
L-162-B	1/2" - 1"	1/2"	25	125
L-182-B	1-1/4" - 2"	1/2"	5	50

### WITH STRAP

ITEM#	TRADE SIZE	CONDUIT HUB	INNER QTY	MASTER QTY
L-160-1BH	1/2" - 1"	1/2"	5	25
L-160-2BH	1/2" - 1"	3/4"	5	25
L-160-3BH	1/2" - 1"	1"	5	25

## GROUND ROD CLAMPS

For terminating a bare copper conductor to a ground rod



**Material:** Bronze Clamp

**Certifications:** UL Listed, CSA Listed

**Features:** Suitable for direct burial

**Notes:** Hex head bolt with 3/8 - 16 bolt thread. Conductor range #10 solid - #2 stranded. Also listed for use with rebar.



ITEM#	TRADE SIZE	INNER QTY	MASTER QTY
GRC-1	1/2"	50	500
GRC-2	5/8"	50	250
GRC-3	3/4"	50	250

## SPLICER- REDUCER ALUMINUM

Splices two cables of equal or different sizes

**Material:** Aluminum Alloy, Electro-Tin Plated

**Certifications:** UL Listed for copper or aluminum conductors

**Notes:** Use with Oxide-inhibitor compound



ITEM#	CONDUCTOR RANGE	INNER QTY	MASTER QTY
ASR-1/0	#14 - #2	5	40
ASR-2	#14 - 1/0	5	40
ASR-250	#6 - 250 MCM	2	20

## SPLIT BOLT CONNECTORS SILICON BRONZE

Used for electrical splicing and tapping

**Material:** Silicon Bronze

**Certifications:** UL Listed for copper conductors only

**Notes:** For use with 2 conductors only, direct burial and rebar.

\*Not approved for grounding, bonding, direct burial



ITEM#	CONDUCTOR RANGE	INNER QTY	MASTER QTY
SB-8	#16 STR - #8 STR	25	200
SB-6	#10 SLD - #6 SLD	25	200
SB-4	#8 SLD - #4 SLD	25	200
SB-3	#6 SLD - #2 SLD	10	80
SB-2	#6 SLD - #2 STR	10	80
SB-1/0	#4 SLD - 1/0 STR	10	80
SB-2/0	#2 SLD - 2/0 STR	5	40
SB-3/0	#2 SLD - 3/0 STR	5	40
SB-4/0	1/0 SLD - 250 MCM	10	100
SB-350	4/0 STR - 350 MCM	1	8
SB-500	250 MCM - 500 MCM	1	8
SB-750*	350 MCM - 750 MCM	1	8
SB-1000*	500 MCM - 1000 MCM	1	10

## SPLIT BOLT CONNECTORS COPPER ALLOY

Used for electrical splicing and tapping

**Material:** Copper Alloyed-Bodied, Electro-Tin Plated

**Certifications:** UL Listed for copper to copper conductors only.

\*UL Listed for aluminum to aluminum, copper to aluminum, and copper to copper conductors.

**Notes:** Use Oxide-inhibitor compound when connecting Aluminum to ACSR or Aluminum to Copper wires.



ITEM#	CONDUCTOR RANGE	INNER QTY	MASTER QTY
ASB-10*	#16 STR - #10 STR	25	200
ASB-8*	#16 STR - #8 STR	25	200
ASB-6*	#14 STR - #8 STR	25	200
ASB-4	#10 STR - #6 STR	25	200
ASB-3	#8 SLD - #3 STR	10	80
ASB-2	#8 SLD - #2 STR	10	80
ASB-1/0	#6 SLD - 1/0 STR	5	40
ASB-2/0	#6 STR - 2/0 STR	5	40
ASB-3/0	#4 STR - 3/0 STR	10	100
ASB-4/0	#4 STR - 250 MCM	25	200
ASB-350*	3/0 STR - 350 MCM	1	8
ASB-500*	3/0 STR - 500 MCM	1	8
ASB-750*	250 MCM - 750 MCM	1	8
ASB-1000*	350 MCM - 1000 MCM	1	10

## SPLIT BOLT CONNECTORS ALUMINUM ALLOY

Used for electrical splicing and tapping

**Material:** Aluminum Alloyed-Bodied, Electro-Tin Plated

**Certifications:** UL Listed, Dual rated for aluminum and copper conductor combos

**Notes:** Use Oxide-inhibitor compound when connecting Aluminum to ACSR or Aluminum to Copper wires.



ITEM#	CONDUCTOR RANGE	INNER QTY	MASTER QTY
ASBC-1/0	#6 SLD - 1/0 STR	10	80
ASBC-2/0	#2 SLD - 2/0 STR	5	40
ASBC-4/0	1/0 STR - 250 MCM	10	100
ASBC-350	2/0 STR - 350 MCM	1	8
ASBC-500	3/0 STR - 500 MCM	1	8

## ME EXCLUSIVE INLINE INTERSYSTEM BONDING BRIDGE

Provides a dependable method for grounding and bonding for electrical systems

**Material:** Zinc Die Cast

**Certifications:** cULus Listed

**Features:** Easy installation. When used with conduit, it provides protection against damage and theft of the main ground. Main ground conductor is isolated from communications lines. Incorporates six (6) terminating points (2x the amount required by the NEC). Eliminates creating holes in building that could allow ingress of water. Mounts to enclosures, conduit bodies, and inline with conduit. Gangable.



ITEM#	TRADE SIZE	INNER QTY	MASTER QTY
MEIBB	1/2"	N/A	6

## INTERSYSTEM BONDING BRIDGE

Terminates utility grounding conductors such as power, telephones, cable, etc.

**Material:** Tin-plated Aluminum, Polycarbonate

**Certifications:** cULus Listed, Meets requirements of 2008 NEC Article 250.94

**Features:** Connects directly to the grounding electrode with a lay-in style lug. Integrated mounting holes provide quick, easy and compact installation. Constructed of corrosion resistant aluminum and tin-plated for maximum conductivity. Paintable polycarbonate cover for additional protection.



ITEM#	INNER QTY	MASTER QTY
MIBB	1	10

All wire sizes are AWG.

## SINGLE SOLDERLESS LUGS COPPER

Connects cable to equipment pads or bar

**Material:** Electrolytic Copper, Rated 600V

**Certifications:** UL Listed for copper conductors only

**Features:** V-bottom collar assures positive contact and firm, permanent grip



ITEM#	CONDUCTOR RANGE	INNER QTY	MASTER QTY
SL-25	#10 - #14	50	400
SL-35	#6 - #14	50	400
SL-70	#4 - #14	25	200
SL-709	#8 - #2	25	200
SL-125	1/0 - #6	10	80
SL-175	#4 - 3/0	5	40
SL-225	#2 - 4/0	5	40
SL-300	1/0 - 350 MCM	2	16
SL-400	1/0 - 500 MCM	5	50
SL-650	600 MCM - 1000 MCM	1	10

## DOUBLE TERMINAL LUGS ALUMINUM

Terminates cable inside enclosure

**Material:** Aluminum Alloy, Electro-Tin Plated

**Certifications:** UL Listed for copper or aluminum conductors

**Notes:** Use with Oxide-inhibitor compound



ITEM#	CONDUCTOR RANGE	INNER QTY	MASTER QTY
TDLA-1/0	#14 SLD - 1/0 STR	5	40
TDLA-250	#6 STR - 250 MCM	5	40

## SINGLE TERMINAL LUGS COPPER

Connects cable to equipment pads or terminal block

**Material:** Bronze

**Certifications:** UL Listed for copper conductors only

**Notes:** Use with Oxide-inhibitor compound



ITEM#	CONDUCTOR RANGE	INNER QTY	MASTER QTY
TL-8	#14 SLD - #8 STR	25	200
TL-4	#14 SLD - #4 STR	25	200
TL-1/0	#8 SLD - 1/0 STR	10	80
TL-250	#6 SLD - 250 MCM	5	40

## SINGLE TERMINAL LUGS ALUMINUM

Terminates cable inside enclosure

**Material:** Aluminum Alloy, Electro-Tin Plated

**Certifications:** UL Listed for copper or aluminum conductors

**Notes:** Use with Oxide-inhibitor compound

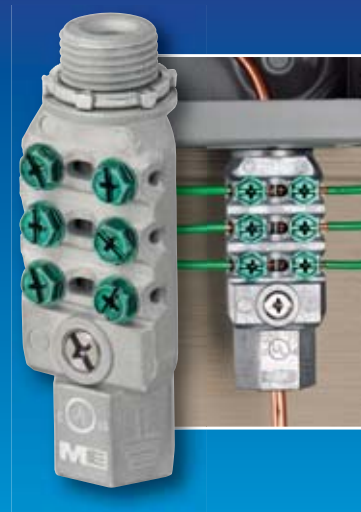


ITEM#	CONDUCTOR RANGE	INNER QTY	MASTER QTY
TLA-6	#4 - #6	52	200
TLA-2	#14 - #2	25	200
TLA-1/0	#14 - 1/0	10	80
TLA-2/0	#14 - 2/0	10	80
TLA-250	#6 - 250 MCM	5	40

## Grounding & Bonding at it's best!

Our Inline Intersystem Bonding Bridge will change the way you ground all of your conductors from your utilities. It provides a dependable method for grounding and bonding for electrical systems. Typical applications include communications, solar, cable, and transmission lines.

- Designed for indoor and outdoor use
- Inspection window
- Gangable
- Incorporates 6 terminating points (2x the amount required by the NEC)
- Mounts to enclosures, conduit bodies and inline with conduit



SEE PG 36

## Inline Intersystem Bonding Bridge