

Dual Rated Aluminum Mechanical Lugs

NEW
BULK PACKS

UL **SR**
UL486B LISTED
AL9CU

- Manufactured from High Strength 6061-T6 Aluminum Alloy to Insure Both Maximum Strength and Conductivity
- Dual Rated for Both Copper and Aluminum Conductors
- Electro-Tin Plated for Low Contact Resistance and Protection Against Corrosion
- Assembly can be Made With Only a Screwdriver or Allen Wrench
- Connectors are Re-Usable
- NEMA Standard 1-3/4" Center Hole Spacing
- Rated 600V; 194°F (90°C)
- UL486B LISTED AL9CU



FIG 8



FIG 9



FIG 10



FIG 11



FIG 12

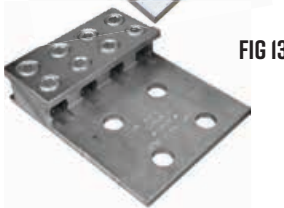


FIG 13

DIMENSIONS = INCHES

CAT. NO.	AWG	FIG	WIRE RANGE	LENGTH	WIDTH	HEIGHT	STUD SIZE	BOX QTY
THREE CONDUCTORS - TWO & FOUR HOLE MOUNT								
90852	300	8	300MCM-6SOL.	4.00	2.81	1.19	0.50	4
90854	350	8	350MCM-6SOL.	4.13	3.00	1.21	0.50	4
90857	500	8	500MCM-2SOL.	4.63	3.75	1.63	0.50	2
90858	600	8	600MCM-2SOL.	4.63	3.75	1.63	0.50	2
90858B	600	8	600MCM-2SOL.	4.63	3.75	1.63	0.50	25
90860	800	8	800MCM-300MCM	4.75	4.50	1.75	0.50	2
90862	1000	8	1000MCM-500MCM	4.75	4.50	1.75	0.50	2
FOUR CONDUCTORS - FOUR HOLE MOUNT								
90872	250	9	250MCM-6SOL.	4.13	3.74	1.25	0.50	4
90874	350	9	350MCM-6SOL.	4.13	3.94	1.25	0.50	4
90875	500	9	500MCM-4SOL.	4.58	5.00	1.62	0.50	2
90876	600	9	600MCM-4SOL.	4.58	5.00	1.62	0.50	2
90876B	600	9	600MCM-4SOL.	4.58	5.00	1.62	0.50	20
90878	800	9	800MCM-300MCM	4.62	5.97	1.94	0.50	2
90880	1000	9	1000MCM-350MCM	4.62	5.97	1.94	0.50	2

DIMENSIONS = INCHES

CAT. NO.	AWG	FIG	WIRE RANGE	LENGTH	WIDTH	HEIGHT	STUD SIZE	BOX QTY
ONE CONDUCTOR - TWO HOLE MOUNT								
90941	600	10	600MCM-2SOL.	5.75	1.50	1.57	0.50	4
90941B	600	10	600MCM-4SOL.	5.75	1.50	1.57	0.50	100
90942	800	10	800MCM-300MCM	5.75	1.75	1.94	0.50	4
90944	1000	10	1000MCM-500MCM	5.75	1.75	1.94	0.50	4
TWO CONDUCTORS - TWO HOLE MOUNT								
90950	350	11	350MCM-6SOL.	5.15	1.91	1.22	0.50	4
90951	600	11	600MCM-4SOL.	5.58	2.40	1.57	0.50	2
90952	1000	11	1000MCM-350MCM	5.75	3.56	1.94	0.50	2

DIMENSIONS = INCHES

CAT. NO.	AWG	FIG	WIRE RANGE	LENGTH	WIDTH	HEIGHT	STUD SIZE	BOX QTY
THREE CONDUCTORS - TWO & FOUR HOLE MOUNT								
90961	600	12	600MCM-2SOL.	5.58	3.75	1.63	0.50	2
90962	800	12	800MCM-350MCM	5.75	4.57	1.94	0.50	2
90963	1000	12	1000MCM-500MCM	5.75	4.57	1.94	1	2
FOUR CONDUCTORS - FOUR HOLE MOUNT								
90964	250	13	250MCM-6SOL.	5.00	3.30	1.02	0.56	2
90966	600	13	600MCM-2SOL.	5.58	5.00	1.62	0.50	2
90967	800	13	800MCM-350MCM	5.58	5.51	1.94	0.50	2
90968	1000	13	1000MCM-350MCM	4.62	5.97	1.94	0.50	2

Dual Rated Aluminum Mechanical Panel Board Lugs

NEW
BULK PACKS

UL **SR**
UL486B LISTED
AL9CU

CONNECTORS
Mechanical Connectors

DIMENSIONS = INCHES

CAT. NO.	AWG	FIG	WIRE RANGE	LENGTH	WIDTH	HEIGHT	HOLE SPACE	STUD SIZE	BOX QTY
PANELBOARD LUGS - TWO CONDUCTORS									
90912	300	1	300MCM-6SDL	2.99	1.00	2.00	-	0.3125	10
90914	600	2	600MCM-2STR.	4.92	1.50	3.00	1.38	0.375	2
90914B	600	2	600MCM-2STR.	4.92	1.50	3.00	1.38	0.375	50
90916	750	2	750MCM - 1/0STR.	4.92	1.60	3.00	1.38	0.375	2
90916B	750	2	750MCM - 1/0STR.	4.92	1.60	3.00	1.38	0.375	50
PANELBOARD LUGS - THREE CONDUCTORS									
90918	600	3	600MCM-2STR.	4.92	2.70	3.00	1.38	0.375	2
90918B	600	3	600MCM - 3/0STR.	4.92	2.70	3.00	1.38	0.375	24
90920	750	3	750MCM- 1/0STR.	4.92	2.80	3.00	1.38	0.375	2
PANELBOARD LUGS - FOUR CONDUCTORS									
90924	600	4	600MCM-2STR.	4.92	2.70	3.00	1.38	0.375	2
90924B	600	4	600MCM-2STR.	4.92	2.70	3.00	1.38	0.375	24
90926	750	4	750MCM - 1/0STR.	4.92	2.80	3.00	1.38	0.375	2
90926B	750	4	750MCM - 1/0STR.	4.92	2.80	3.00	1.38	0.375	24



FIG 1



FIG 2



FIG 3



FIG 4

MECHANICAL LUG TORQUE VALUES

TIGHTEN TORQUE SLOTTED SCREWS (IN LBS)
PER UL480AB TABLE 23

WIRE SIZE	TORQUE
#2-2/0	50
#4-#6	45
#8	40
#10-#14	35

TIGHTEN TORQUE INTERNAL HEX SCREWS (IN LBS)
PER UL480AB TABLE 23

CONNECTOR SIZE	TORQUE
1000	600
750-800	500
500-600	375
250-350	275
1/0-2/0	120