

ALUMINUM SOLDERLESS LUGS • TYPE LA

One hole, front entrance copper or aluminum conductors 600 Volt Rated



486B
LISTED
AL9CU

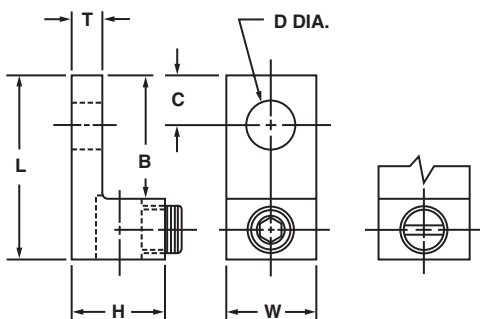


FIG. 2

FIG. 1

Body, fabricated from high strength aluminum alloy extrusion.

Lug is 100% reusable using either screw driver or hex wrench. No special tools required.

Maximum conductivity, compact design light weight with ultimate strength.

Finish, electro-tin plated to assure minimum contact resistance and protection against corrosion when used with copper wire. (For added protection apply Penn-Union Cual-Aid® to cable before installation.)

Standard stud hole sizes and locations are shown on chart.

Catalog Number	Torque Value In-Lbs.	Wire Range‡	Fig. No.	Approximate Dimensions						
				L in	W in	H in	T in	B in	C in	D Dia. in
LA-6	45	14-6	1	1 ¹ / ₁₆	1/2	1/2	3/32	11/16	1/4	17/64
LA-2	50	14-2	1	1 ⁵ / ₃₂	1/2	35/64	7/64	11/16	5/16	17/64
LA-0	50	14-1/0	1	1 ¹⁵ / ₃₂	5/8	25/32	3/16	27/32	27/64	17/64
LA-2/0	120	14-2/0	2	1 ¹⁵ / ₃₂	5/8	51/64	3/16	27/32	7/16	17/64
LA-250	275	6-250	2	2	1	1 1/8	1/4	1	29/64	21/64
LA-350	275	6-350	2	2 1/4	1 1/8	1 1/4	1/4	1 1/8	1/2	13/32
LA-500	375	4-500	2	2 13/16	1 1/4	1 9/16	5/16	1 9/16	7/8	13/32
LA-600	375	2-600	2	3 3/16	1 1/2	1 9/16	7/16	1 13/16	25/32	13/32
LA-800	375	300-800	2	3 1/2	1 3/4	1 15/16	1/2	1 7/8	13/16	21/32
LA-1000	375	500-1000	2	3 1/2	1 3/4	1 15/16	1/2	1 7/8	13/16	21/32

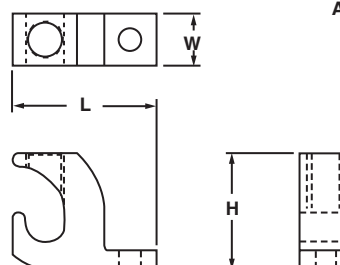
‡For conversion to metric range, see page 175.

ALUMINUM LAY-IN LUGS • TYPE LI

One hole, side entrance copper or aluminum continuous conductors



486B
LISTED
AL9CU



Catalog Number	Wire Diameter Range	Approximate Dimensions			Screw Type
		L	W	H	
LI-50S	14-4	1 ¹ / ₁₆ "	3/8"	25/32"	Slot
LI-112S	14-1/0	1 ¹ / ₂ "	19/32"	1 ¹¹ / ₆₄ "	Slot
LI-200S	6-3/0	2"	51/64"	1 ⁹ / ₁₆ "	Socket
LI-252S	6-250	2 ¹³ / ₆₄ "	51/64"	1 ⁵¹ / ₆₄ "	Socket

Body, fabricated from high strength aluminum alloy extrusion.

Finish, electro-tin plated to assure minimum contact resistance and protection against corrosion when used with copper wire. (For added protection apply Penn-Union Cual-Aid® to cable before installation.)

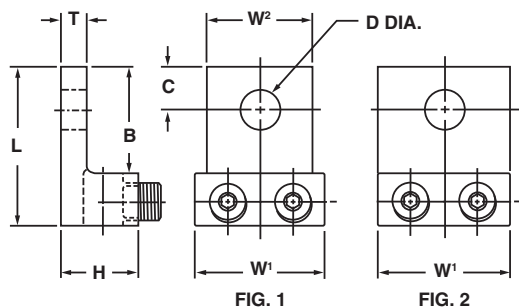
The side entrance design permits the quick installation of one continuous conductor as a jumper to multiple locations without a break in the conductor. Excellent choice for use on grounding conductors.

ALUMINUM SOLDERLESS LUGS • TYPE L2A

One hole front entrance copper or aluminum conductors



Body, fabricated from high strength aluminum alloy extrusion.
Lug is 100% reusable using either screw driver or hex wrench.
No special tools required.
Maximum conductivity, compact design, light weight with ultimate strength.
Finish, electro-tin plated to assure minimum contact resistance and protection against corrosion when used with copper wire.
(For added protection apply Penn-Union Cual-Aid® to cable before installation.)

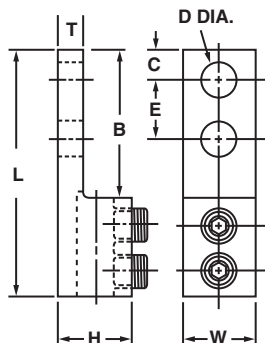
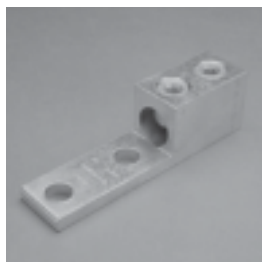


Catalog Number	Torque Value In-Lbs.	Wire Range‡	Fig. No.	Approximate Dimensions							
				L in	W ¹ in	W ² in	H in	T in	B in	C in	D Dia. in
L2A-0	120	14-1/0	2	1 ¹⁵ / ₃₂	1 ¹ / ₈	—	2 ⁵ / ₃₂	3 ³ / ₁₆	2 ⁷ / ₃₂	7 ⁷ / ₁₆	1 ⁷ / ₆₄
L2A-2/0	120	14-2/0	2	1 ¹⁵ / ₃₂	1 ¹ / ₄	—	2 ⁵ / ₃₂	3 ³ / ₁₆	2 ⁷ / ₃₂	2 ⁷ / ₆₄	1 ⁷ / ₆₄
L2A-250	275	6-250	2	2 ⁹ / ₁₆	1 ⁴¹ / ₆₄	—	1 ³ / ₁₆	1 ¹ / ₄	1 ⁹ / ₁₆	7 ⁷ / ₈	1 ¹³ / ₃₂
L2A-350	275	6-350	1	2 ⁷ / ₈	1 ¹⁵ / ₁₆	1 ³ / ₄	1 ¹ / ₄	1 ¹ / ₄	1 ³ / ₄	9 ⁹ / ₁₆	1 ¹⁷ / ₃₂
L2A-500*	500	4-500	1	3 ¹ / ₈	2 ³ / ₈	1 ⁶³ / ₆₄	1 ⁹ / ₁₆	7 ⁷ / ₁₆	1 ³ / ₄	5 ⁵ / ₈	1 ¹⁷ / ₃₂
L2A-600	550	2-600	1	3 ¹ / ₈	2 ³ / ₈	1 ⁶³ / ₆₄	1 ⁹ / ₁₆	7 ⁷ / ₁₆	1 ³ / ₄	5 ⁵ / ₈	1 ¹⁷ / ₃₂
L2A-800	375	350-800	2	3 ¹ / ₂	3 ¹ / ₂	—	1 ¹⁵ / ₁₆	1 ¹ / ₂	1 ⁷ / ₈	7 ⁷ / ₈	2 ¹ / ₃₂
L2A-1000	375	500-1000	2	3 ¹ / ₂	3 ¹ / ₂	—	1 ¹⁵ / ₁₆	1 ¹ / ₂	1 ⁷ / ₈	7 ⁷ / ₈	2 ¹ / ₃₂

‡For conversion to metric range, see page 175. *Not CSA Certified.

ALUMINUM SOLDERLESS LUGS • TYPE LLA2

Two hole front entrance copper or aluminum conductors



Body, fabricated from high strength aluminum alloy extrusion.
Lug is 100% reusable using either screw driver or hex wrench.
No special tools required.
Maximum conductivity, compact design, light weight with ultimate strength.
Finish, electro-tin plated to assure minimum contact resistance and protection against corrosion when used with copper wire.
(For added protection apply Penn-Union Cual-Aid® to cable before installation.)

Catalog Number	Torque Value In-Lbs.	Wire Range‡	Approximate Dimensions							
			L in	W in	H in	T in	B in	C in	D Dia. in	E in
LLA2-500-S1	275	4/0-500	5 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₂	5 ⁵ / ₁₆	3 ¹ / ₄	1 ¹ / ₂	9 ⁹ / ₁₆	1 ³ / ₄
LLA2-750-S1	275	400-750	6 ³ / ₁₆	1 ¹ / ₂	1 ⁷ / ₈	9 ⁹ / ₁₆	3 ⁷ / ₁₆	5 ⁵ / ₈	9 ⁹ / ₁₆	1 ³ / ₄

‡For conversion to metric range, see page 175.

ALUMINUM SOLDERLESS LUGS • TYPES LA, L2A, L3A, LA4M4 AND LA4D4

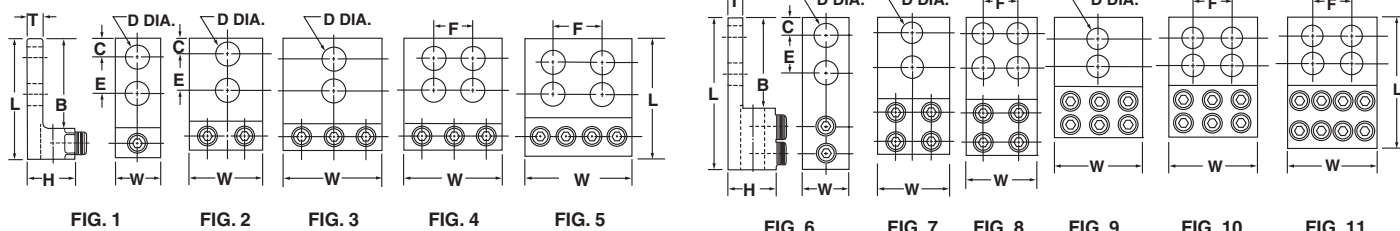
Two and four hole, front entrance copper or aluminum conductors



486 B
LISTED
AL9 CU



Penn-Union solderless lugs are made from high strength aluminum alloy, electro-tin plated to assure minimum contact resistance and corrosion protection. Manufactured to insure both maximum strength and conductivity, they are dual rated for both copper and aluminum conductors. These re-usable connectors need only a hex wrench for assembly. All four-hole pads are NEMA drilled for 1/2" bolts on 1 3/4" centers. For added protection apply Penn-Union Cual-Aid® to cable before installation.



Catalog Number	Torque Value In-Lbs.	Wire Range	Fig. No.	Approximate Dimensions								
				L	W	H	T	B	C	D Dia.	E	F
				in	in	in	in	in	in	in	in	in
SINGLE CONDUCTOR												
LA-350-2	375	6-350	1	4 ³ / ₁₆	1 ¹ / ₈	1 ¹ / ₄	1/4	3 ¹ / ₁₆	5/8	9/16	1 ³ / ₄	—
LA-600-2	500	2-600	1	4 ¹¹ / ₁₆	1 ¹ / ₂	1 ⁹ / ₁₆	7/16	3 ⁵ / ₁₆	5/8	9/16	1 ³ / ₄	—
LA-800-2	375	350-800	6	6 ³ / ₁₆	1 ³ / ₄	1 ⁷ / ₈	9/16	3 ⁷ / ₁₆	5/8	9/16	1 ³ / ₄	—
LA-1000-2	500	500-1000	6	6 ³ / ₁₆	1 ³ / ₄	1 ⁷ / ₈	9/16	3 ⁷ / ₁₆	5/8	9/16	1 ³ / ₄	—
TWO CONDUCTOR												
L2A-350-2	375	6-350	2	4 ³ / ₁₆	1 ¹⁵ / ₁₆	1 ¹ / ₄	1/4	3 ¹ / ₁₆	5/8	9/16	1 ³ / ₄	—
L2A-600-2	500	2-600	2	4 ¹¹ / ₁₆	2 ⁷ / ₁₆	1 ⁹ / ₁₆	7/16	3 ⁵ / ₁₆	5/8	9/16	1 ³ / ₄	—
L2A-800-2	500	300-800	7	6 ³ / ₁₆	3 ¹ / ₂	1 ⁷ / ₈	9/16	3 ⁷ / ₁₆	5/8	9/16	1 ³ / ₄	—
L2A-800-4	500	300-800	8	6 ³ / ₁₆	3 ¹ / ₂	1 ⁷ / ₈	9/16	3 ⁷ / ₁₆	5/8	9/16	1 ³ / ₄	1 ³ / ₄
L2A-1000-2	500	500-1000	7	6 ³ / ₁₆	3 ¹ / ₂	1 ⁷ / ₈	9/16	3 ⁷ / ₁₆	5/8	9/16	1 ³ / ₄	—
L2A-1000-4	500	500-1000	8	6 ³ / ₁₆	3 ¹ / ₂	1 ⁷ / ₈	9/16	3 ⁷ / ₁₆	5/8	9/16	1 ³ / ₄	1 ³ / ₄
THREE CONDUCTOR												
L3A-250-2	275	6-250	3	4	3	1 ³ / ₁₆	5/16	3	5/8	9/16	1 ³ / ₄	—
L3A-250-4	275	6-250	4	4	3	1 ³ / ₁₆	5/16	3	5/8	9/16	1 ³ / ₄	1 ³ / ₄
L3A-350-2*	275	6-350	3	4 ³ / ₁₆	3	1 ¹ / ₈	1/4	3 ¹ / ₁₆	5/8	9/16	1 ³ / ₄	—
L3A-350-4*	275	6-350	4	4 ³ / ₁₆	3	1 ¹ / ₈	1/4	3 ¹ / ₁₆	5/8	9/16	1 ³ / ₄	1 ³ / ₄
L3A-500-2	375	2-500	3	4 ⁵ / ₈	3 ³ / ₄	1 ⁹ / ₁₆	7/16	3 ³ / ₈	5/8	9/16	1 ³ / ₄	—
L3A-500-4	375	2-500	4	4 ¹¹ / ₁₆	3 ³ / ₄	1 ⁹ / ₁₆	7/16	3 ⁵ / ₁₆	5/8	9/16	1 ³ / ₄	1 ³ / ₄
L3A-800-2*	500	300-800	9	6 ³ / ₁₆	4 ¹ / ₄	1 ⁷ / ₈	9/16	3 ⁷ / ₁₆	5/8	9/16	1 ³ / ₄	—
L3A-800-4*	500	300-800	8	6 ³ / ₁₆	3 ¹ / ₂	1 ⁷ / ₈	9/16	3 ⁷ / ₁₆	5/8	9/16	1 ³ / ₄	1 ³ / ₄
FOUR CONDUCTOR												
LA4M4-250	275	6-250	5	4	4 ³ / ₆₄	1 ³ / ₁₆	5/16	3	5/8	9/16	1 ³ / ₄	1 ³ / ₄
LA4M4-350	275	6-350	5	4 ¹ / ₂	4 ²³ / ₃₂	1 ³ / ₈	5/16	3 ¹ / ₄	5/8	9/16	1 ³ / ₄	1 ³ / ₄
LA4D4-600	375	2-600	11	5 ¹ / ₂	5 ²¹ / ₃₂	1 ¹ / ₂	3/8	3 ¹ / ₄	5/8	9/16	1 ³ / ₄	1 ³ / ₄
LA4D4-800	500	350-800	11	6 ³ / ₁₆	7 ⁵ / ₃₂	1 ⁷ / ₈	9/16	3 ⁷ / ₁₆	5/8	9/16	1 ³ / ₄	1 ³ / ₄

*Not UL Listed

*Not CSA Certified