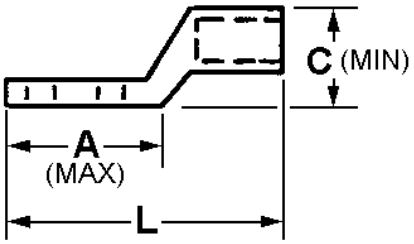
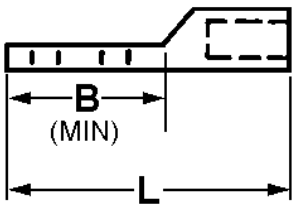
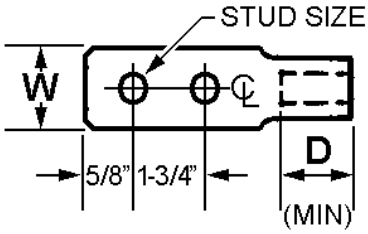
CONNECTOR, TERMINAL – TIN-PLATED ALUMINUM COMPRESSION, STACKING AND NON-STACKING



Stacking Type



Non-Stacking Type



(2-Hole NEMA Pad)

Both Stacking & Non-Stacking

REQUIRED DIMENSIONS

Non-Stacking Lugs

Stock No.	Nominal Conductor Size	Dimensions in Inches				
		B - Min.	D - Min.	L	Stud Size	W - Pad Width
651267	300	3-9/16	2-1/4	6-1/2 + 1/4	1/2	1-3/8 ± 1/16
651268	350	3-9/16	2-1/4	6-1/2 + 1/4	1/2	1-1/2
651269	400	3-9/16	2-1/4	6-1/2 + 1/4	1/2	1-5/8 ± 1/32
651270	500	3-9/16	2-1/4	7 + 1/2	1/2	1-3/4
651294	500	3-9/16	2-1/4	7 + 1/2	5/8	1-3/4
651271	600	3-5/8	3	7-1/2 + 1/2	1/2	1-3/4
651274	700	3-5/8	3	7-1/2 + 1/2	1/2	1-3/4
651275	700	3-5/8	3	7-1/2 + 1/2	5/8	1-3/4
651272	750	3-5/8	3	7-3/4 + 1/2	1/2	1-3/4
651295	1000 str	3-5/8	3	10	1/2	2-9/16
651296*	1000	3-5/8	3	10	1/2	3*

* 4-Hole NEMA Pad

Stacking Lugs

Stock No.	Nominal Conductor Size	Dimensions in Inches					
		A - Max.	C - Min.	D - Min.	L	Stud Size	W-Pad Width
651276	4/0	3-3/8	1-7/8	1-3/4	5-5/16	1/2	1-3/16
651277	350	3-9/16	2-3/8	2-1/4	6-1/2 + 1/4	1/2	1-1/2
651278	500	3-9/16	2-5/8	2-1/4	7 + 1/2	5/8	1-3/4
651279	750	3-5/8	3	3	7-3/4 + 1/2	5/8	1-3/4

standards coordinator	*standards supervisor*	*unit director*
Yaochiem Chao	John Shipek	Darnell Cola

Aluminum Compression Terminal Connectors of the configuration shown are intended for terminating aluminum or copper cables to an aluminum or copper surface. The terminals shall meet the requirements of ANSI C119.4 and EEI-NEMA TDJ-162, *Standard for Aluminum Connectors for Aluminum Conductors*. The terminals shall meet the physical dimensions listed above to ensure that the stacking-type terminals will fit on top of the non-stacking type terminals and that the non-stacking type terminals will fit beneath the stacking-type terminals. Tin-plating of the terminals is required.

Inhibitor. Each terminal shall be factory-filled with a measured amount of high-voltage oxide-inhibiting compound that will not affect the dielectric strength or power factor of cables installed with butyl or polyethylene insulation.

Marking. Each terminal shall have durable markings showing conductor size, die number, number of crimps, and manufacturer's name or trademark, and catalog number of the connector.

Packing. The terminal ends shall be sealed to prevent leakage or contamination of the inhibitor.

Reference Specification: ANSI C119.4, EEI-NEMA TDJ-162, Latest Revisions

Non-Stacking Lugs

Stock Number	Conductor Size	Approved Manufacturers			
		Anderson	Homac	MAC	Richards
651267	300 STR / 350 Comp	AHL-300-BN-TP	AL300-NTN	MLB 300-8N-HV	AL14-2N
651268	350 STR / 400 Comp.	AHL-350-BN-TP	AL350-NTN	MLB 350-8N-HV	AL15-2N
651269	400 STR / 500 Comp.	–	AL400-NTN	MLB 400-8N-HV	–
651270	500 STR / 600 Comp.	AHL-500-BN-TP	AL500-NTN	MLB 500-8N-HV	AL18-2N
651294*	500 STR / 600 Comp.	–	–	MLB 500-9N-HV	–
651271	600 STR / 700 Comp.	AHL-600-BN-TP	AL600-NTN	MLB 600-8N-HV	AL20-2N
651274	600 -700 STR / 700-795 Comp.	AHL-700-BN-TP	AL700-N-608-TN	–	–
651275*	600 -700 STR / 700-795 Comp.	–	AL700-258-608-TN	–	–
651272	700 - 800 STR / 1000 Comp.	AHL-750-BN-TP	AL750-NTN	MLB 750-8N-HV	AL23-2N
651295	1000 STR / Comp.	AHL-1000-BN-TP	AL1000-NTN	–	–
651296	1000 (Feeder only with 4-hole NEMA pad)	–	AL1000-4NTN	MLB1000-8N-4-HV	–

* Terminals Drilled for 5/8-inch Studs

Stacking Lugs

Stock Number	Conductor Size	Approved Manufacturers			
		Anderson	Homac	MAC	Richards
651276	4/0	ATL-4/0-BN-TP	ASL4/0-NTN	MLB 4/0-NT-HV	ASL12-2N
651277	350	ATL-350-BN-TP	ASL350-NTN	MLB 350-NT-HV	ASL15-2N
651278*	500	ATL-500-BN-TP-SCL	ASL500-258-TN	MLB 500-9NT75-HV	ASL18-2N-5/8
651279*	750	ATL-750-BN-TP-SCL	ASL750-258-TN	MLB 750-9NT75-HV	ASL23-2N-5/8

* Terminals Drilled for 5/8-inch Studs