



1. Scope

This specification applies to stacking type aluminum compression terminal lugs used in terminating aluminum and copper conductors to aluminum and copper surfaces which are either bare or tin-plated.

2. Reference Standards

All characteristics, definitions, terminology, voltage designations and tests, except as otherwise specified herein, shall be in accordance with the following industry standards for compression terminal lugs. When the following standards are superseded by an approved revision, the revision shall apply.

Industry Standards:

ANSI/NEMA C119.4 - 2011 American National Standard for Electric Connectors-Connectors for Use Between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93°C and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100°C

3. Physical Characteristics

Stacking type terminal lugs shall have two hole NEMA standard pads and shall be manufactured from cast aluminum or formed aluminum tubing. Each lug shall be factory-filled with an oxide-inhibiting compound and capped to prevent contamination from foreign material. Tin plating is required on all lugs.

4. Size and Die Requirements

Stacking type terminal lugs shall have a maximum width of 1-3/4" to enable them to fit side-by-side on spades with NEMA hole spacing. Refer to the table below for conductor sizes, length ranges and installation die requirements. Terminal lugs that cannot provide adequate mechanical and electrical connections using the dies indicated below will not be acceptable. Each terminal lug must be permanently marked with conductor size, Burndy die index, number of crimps, manufacturer's name or trademark and part number.

Cat. ID	Conductor Size	H	L	P	Burndy Die Index
1000169	500 Str	2-5/8" + 1/8"/-0"	7" ± 1/2"	3-9/16" + 0"/-1/16"	300, 317
1000170	750 Str	3" + 1/8"/-0"	7-3/4" ± 1/2"	3-3/4" + 0"/-1/8"	301