



# Aluminum Mechanical Splice, 500 kcmil-3/0 AWG, 13/16" Screw Dia, 4 Screws, 3/8" Hex Size, Al/Cu Rated, Tin Plated

By Burndy  
Catalog # [AMS500](#)



Aluminum Mechanical Splice, 500 kcmil-3/0 AWG, 13/16" Screw Dia, 4 Screws, 3/8" Hex Size, Al/Cu Rated, Tin Plated.

## Features

- Standard mounting hole diameter is .562" for 1/2" bolts
- The end wall within the cable socket of this design is solid and pressure tight
- Connectors are pre-filled and plugged with electrical joint compound
- Marked with catalog number, conductor size and die reference
- Meets performance requirements of ANSI C119.4

## Application

For Use With Copper And Aluminum Conductors

## General

Connector Type	In-Line
Die Size	Burndy 317
EU RoHS Indicator	Yes
Hex Size	3/8
Installation Torque Recommended in-lb	375 LBS/in
Material	Aluminum
Material - Hardware	Aluminum
Physical Attribute - Number of Screws	4
Physical Attribute - Screw Type	Allen
Plated	Y
Plating Type	Tin
Sub Brand	SPLICER/REDUCER
Temperature Rating	194° F
Type	AMS, Dual Rated
UPC	781810241059
UPC 12 Digit	7818102410599

## Dimensions

Depth	0.56 in
Dimension - H1 Height inch	1.38 in
Dimension - Height fraction	1-3/8
Dimension - L Length Overall mm	121 mm
Dimension - Length Overall inch	4.78 in
Dimension - Width fraction	1-1/4 in
Dimension - Width inch	1.25 in
Dimension - Width mm	32 mm

## Conductor Related

Conductor - ACSR Cmpt Size	600 kcmil
Conductor - ACSR Str Size	500 kcmil
Conductor - AL Str Run	3/0 AWG;4/0 AWG;250 kcmil;266 kcmil;300 kcmil;336 kcmil;350 kcmil;397 kcmil;400 kcmil;450 kcmil;477 kcmil;500 kcmil
Conductor - AL Str Run Range	3/0 AWG-500 kcmil
Conductor - AL Str Size	3/0 AWG;4/0 AWG;250 kcmil;266 kcmil;300 kcmil;336 kcmil;350 kcmil;397 kcmil;400 kcmil;450 kcmil;477 kcmil;500 kcmil
Conductor - AL Str Size Range	3/0 AWG-500 kcmil
Conductor - AL Str Tap	3/0 AWG;4/0 AWG;250 kcmil;266 kcmil;300 kcmil;336 kcmil;350 kcmil;397 kcmil;400 kcmil;450 kcmil;477 kcmil;500 kcmil
Conductor - AL Str Tap Range	3/0 AWG-500 kcmil
Conductor - Copper Solid Run	3/0 AWG;4/0 AWG
Conductor - Copper Solid Run Range	3/0 AWG-4/0 AWG
Conductor - Copper Solid Size	3/0 AWG;4/0 AWG
Conductor - Copper Solid Size Range	3/0 AWG-4/0 AWG
Conductor - Copper Solid Tap	3/0 AWG;4/0 AWG
Conductor - Copper Solid Tap Range	3/0 AWG-4/0 AWG
Conductor - Copper Str Compact Size	600 kcmil
Conductor - Copper Str Run	3/0 AWG;4/0 AWG;250 kcmil;300 kcmil;350 kcmil;400 kcmil;450 kcmil;500 kcmil
Conductor - Copper Str Run Range	3/0 AWG-500 kcmil
Conductor - Copper Str Size	500 kcmil
Conductor - Copper Str Size Range	3/0 AWG-500 kcmil
Conductor - Copper Str Tap	3/0 AWG;4/0 AWG;250 kcmil;300 kcmil;350 kcmil;400 kcmil;450 kcmil;500 kcmil
Conductor - Copper Str Tap Range	3/0 AWG-500 kcmil
Conductor Size	3/0 AWG-500 KCMIL

## Certifications and Compliance

Length 4.63 in  
Width 1.25 in

### Electrical Ratings

Rating - Minimum Voltage 600

Certification - CSA Approved Yes  
Certification - UL Listed Direct Burial No  
Industry Standard(s) ANSI C119.4  
Standards - Industry Standards Met UL467  
Standards - RoHS Compliance Status EX  
UL Listed Yes

### Logistics

Carton Quantity 54  
Minimum Pack Quantity 1

### Product Assets

[3D Models - AMS500\\_MODEL-PDF](#)  
[3D Models - AMS500\\_MODEL-STEP](#)  
[3D Models - AMS500\\_MODEL-IGES](#)  
[Customer Notices - Prop 65 Notice](#)  
[Sales Drawings - sd207208-01](#)



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