

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

Specifications

Buy American Compliant	Contact Manufacturer
EU RoHS Indicator	Yes
Industry Standard(s)	ANSI C119.4
Standards - Industry Standards Met	UL467
Standards - RoHS Compliance Status	EX
Certification - CSA Approved	Yes
UL Listed	Yes
Certification - UL Listed Direct Burial	No

Conductor

Conductor - ACSR Cmpt Size	600 kcmil
Conductor - Copper Str Size	500 kcmil
Conductor - ACSR Str Size	500 kcmil
Conductor - AL Str Run	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 Size	3/0 AWG-500 KCMIL
Conductor - Copper Str Size Range	3/0 AWG-500 kcmil
Conductor - Copper Str Tap	<ul style="list-style-type: none"> • 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

Configuration

Physical Attribute - Number of Screws	4
Connector Type	In-Line

Current

Rating - Minimum Voltage	600
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Dimensions

Die Size	Burndy 317
Dimension - L Length Overall mm	121 mm
Dimension - H1 Height inch	1.38 in
Dimension - Height fraction	1-3/8
Dimension - Height mm	0 mm
Width	1.25 in
Dimension - Width fraction	1-1/4 in
Dimension - Width inch	1.25 in
Dimension - Width mm	32 mm

Depth	0.56 in
Length	4.78 in
Hex Size	3/8
Dimension - Length Overall inch	4.78 in
Height	1.48 in
Dimensions	4.78 in x 1.25 in x 1.48 in

Force Related

Installation Torque Recommended in-lb	375 LBS/in
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General

Material - Hardware	Aluminum
Sub Brand	SPLICER/REDUCER
Physical Attribute - Screw Type	Allen
Plated	Y
Type	AMS, Dual Rated
UPC 12 Digit	781810241059
UPC 14 Digit GTIN	00781810241059
Material	Aluminum
Plating Type	Tin
UPC	781810241059

Logistics

Minimum Pack Quantity	1
Carton Quantity	54
Pallet Quantity	2184

Operational

Temperature Rating	194° F
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Product Assets

[Catalog \[English\]](#)

