



AMS500, AL Set Screw Splice, 500 kcmil-3/0
AWG, Al/Cu Rated

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

Conductor

Conductor - ACSR Cmpt Size	600 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 Run Range	3/0 AWG-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 Size Range	3/0 AWG-500 kcmil
Conductor - AL Str Tap 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 - ACSR Str Size	500 kcmil
Conductor - Copper Str Size	500 kcmil
Conductor - Copper Str Compact Size	600 kcmil
Conductor Size	3/0 AWG-500 KCMIL
Conductor - Copper Str Run Range	3/0 AWG-500 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 Solid Size	• 3/0 AWG • 4/0 AWG
Conductor - Copper Solid Run Range	3/0 AWG-4/0 AWG
Conductor - Copper Solid Run	• 3/0 AWG • 4/0 AWG
Conductor - Copper Solid Size Range	3/0 AWG-4/0 AWG
Conductor - Copper Solid Tap Range	3/0 AWG-4/0 AWG
Conductor - Copper Solid Tap	• 3/0 AWG • 4/0 AWG
Conductor - Copper Str Size Range	3/0 AWG-500 kcmil
Conductor - Copper Str Tap 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

Configuration

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

Current

Rating - Minimum Voltage	600
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Dimensions

Package Height	0.000 in
Dimension - Height mm	0 mm
Dimension - H1 Height inch	1.38 in
Dimension - Height fraction	1-3/8
Package Weight	0.000 lb.
Package Length	0.000 in
Package Width	0.000 in
Dimension - L Length Overall mm	121 mm
Die Size	Burndy 317
Width	1.25 in
Dimension - Width fraction	1-1/4 in
Length	4.78 in
Dimension - Width mm	32 mm
Dimension - Width inch	1.25 in
Depth	0.56 in
Height	1.48 in

Dimension - Length Overall inch	4.78 in
Hex Size	3/8
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

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

Logistics

Minimum Pack Quantity	1
Pallet Quantity	2184
Carton Quantity	54

Operational

Temperature Rating	194° F
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Product Assets

[Catalog \[English\]](#)



A Hubbell brand