

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

By Connector Mfg. Co. (CMC)
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

General

Application	For Use With Copper And Aluminum Conductors
Catalog Number	AMS500
Connector Type	In-Line
Die Size	Burndy 317
EU RoHS Indicator	Yes
Hex Size	3/8
Installation Torque	375 LBS/in
Recommended in-lb	
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
Length	4.63 in
Width	1.25 in

Electrical Ratings

Rating - Minimum Voltage	600
--------------------------	-----

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

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
-----------------	----

Product Assets

[3D Models - AMS500_MODEL-STEP](#)
[3D Models - AMS500_MODEL-PDF](#)
[3D Models - AMS500_MODEL-IGES](#)
[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
[Catalogs - BURNDY Master Catalog - Section A - Mechanical](#)
[Catalogs - CMC Compression Connectors - Utility](#)
[Customer Notices - Prop 65 Notice](#)
[Product Cross Section Image\(s\) - BUR_AMS_Lineart](#)
[Sales Drawings - U55700374-S](#)
[Sales Drawings - sd207208-01](#)



A Hubbell brand

©2024 Hubbell Incorporated. All rights reserved
CMCI-AMS500-SPEC-EN | REV 6/2024