

AMS500

by CMC
Catalog ID: AMS500

Prop 65 Notice



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

- 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

Features: All Splicer/Reducers Are Dual Rated For Use With Aluminum And Copper Conductors And Are Constructed From High Strength, Tin Plated Aluminum, PENTROX Oxide Inhibiting Joint Compounds Are Recommended For All Aluminum Applications, All Connectors Are Tin-Plated: Provide Low Contact Resistance And Prevents Galvanic Corrosion, Connectors Feature Rounded Bottoms: Facilitates Taping, Solid Center Barrier: Prevents Contact Of Dissimilar Metals, Large Screw Diameters: Ensures Greater Surface Contact With Wires For Maximum Pullout Force, Large Cable Ranges: Each Splice Is Also An Effective Reducing Connector, Conductor Type: Copper, Aluminium, Number Of Screws: 4, Hex Size: 3/8 IN, Screw Diameter: 13/16 IN

Brand

CMC INDUSTRIES



Product Details

General

Application

For Use With Copper And Aluminum Conductors

Connector Type	Splice;Reducer
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
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
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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

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
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To email customer Service: jrex@cmclugs.com

