



AMS0, AL Set Screw Splice, 1/0-14 AWG, 2 Screws, Al/Cu Rated

By Burndy
Catalog # [AMS0](#)

Aluminum Mechanical Splice, 1/0-14 AWG, 7/16" Screw Dia, 2 Screws, Al/Cu Rated, Tin Plated



Features

- Connectors are tin-plated providing low contact resistance and prevents galvanic corrosion
- Connector features rounded bottoms facilitating taping
- Solid center barrier prevents contact of dissimilar metals
- Large screw diameter ensure greater surface contact with wires for maximum pullout force

Application

For Use With Copper And Aluminum Conductors

Specifications

Buy American Compliant	No
Industry Standard(s)	UL467
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 - AL Str Size	• 12 AWG • 10 AWG • 8 AWG • 6 AWG • 4 AWG • 3 AWG • 2 AWG • 1 AWG • 1/0 AWG
Conductor - AL Str Run Range	12 AWG-1/0 AWG
Conductor - AL Str Run	• 12 AWG • 10 AWG • 8 AWG • 6 AWG • 4 AWG • 3 AWG • 2 AWG • 1 AWG • 1/0 AWG
Conductor - AL Str Size Range	12 AWG-1/0 AWG
Conductor - AL Str Tap Range	12 AWG-1/0 AWG
Conductor - AL Str Tap	• 12 AWG

	• 10 AWG • 8 AWG • 6 AWG • 4 AWG • 3 AWG • 2 AWG • 1 AWG • 1/0 AWG
Conductor - Copper Str Size	• 14 AWG • 12 AWG • 10 AWG • 9 AWG • 8 AWG • 7 AWG • 6 AWG • 5 AWG • 4 AWG • 3 AWG • 2 AWG • 1 AWG • 1/0
Conductor Size	14-1/0 AWG
Conductor - Copper Str Run Range	14 AWG-1/0
Conductor - Copper Str Run	• 14 AWG • 12 AWG • 10 AWG • 9 AWG • 8 AWG • 7 AWG • 6 AWG • 5 AWG • 4 AWG • 3 AWG • 2 AWG • 1 AWG • 1/0
Conductor - Copper Solid Size	• 12 AWG • 11 AWG • 10 AWG • 9 AWG • 8 AWG • 7 AWG • 6 AWG • 5 AWG • 4 AWG • 3 AWG • 2 AWG

Conductor - Copper Solid Run Range	1 AWG 1/0 AWG
	14 AWG-1/0 AWG
Conductor - Copper Solid Run	14 AWG 13 AWG 12 AWG 11 AWG 10 AWG 9 AWG 8 AWG 7 AWG 6 AWG 5 AWG 4 AWG 3 AWG 2 AWG 1 AWG 1/0 AWG
	12 AWG-1/0 AWG
Conductor - Copper Solid Size Range	12 AWG-1/0 AWG
Conductor - Copper Solid Tap Range	14 AWG-1/0 AWG
Conductor - Copper Solid Tap	14 AWG 13 AWG 12 AWG 11 AWG 10 AWG 9 AWG 8 AWG 7 AWG 6 AWG 5 AWG 4 AWG 3 AWG 2 AWG 1 AWG 1/0 AWG
	14 AWG-1/0
Conductor - Copper Str Size Range	14 AWG-1/0
Conductor - Copper Str Tap Range	14 AWG-1/0
Conductor - Copper Str Tap	14 AWG 12 AWG 10 AWG 9 AWG 8 AWG 7 AWG 6 AWG 5 AWG 4 AWG 3 AWG 2 AWG 1 AWG 1/0

Physical Attribute - Number of Screws	2
Connector Type	In-Line

Current

Rating - Minimum Voltage	600
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Dimensions

Package Height	3.300 in
Dimension - Height mm	0 mm
Dimension - H1 Height inch	0.75 in
Dimension - Height fraction	3/4
Package Weight	0.940 lb.
Package Length	3.800 in
Package Width	3.400 in
Dimension - L Length Overall mm	49 mm
Width	0.75 in
Dimension - Width fraction	3/4 in
Length	1.91 in
Dimension - Width mm	19 mm
Dimension - Width inch	0.75 in
Height	0.86 in
Dimension - Length Overall inch	1.91 in
Hex Size	Slot
Dimensions	1.91 in x 0.75 in x 0.86 in

Force Related

Installation Torque Recommended in-lb	50 LBS/in
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General

Product Family	MECHANICAL
Material - Hardware	Aluminum
Physical Attribute - Screw Type	Slot
Plated	Yes
Sub Brand	SPLICER/REDUCER
Product Type	Splice Reducer
UPC	781810241011
Type	AMS, Dual Rated
Material	Aluminum
Plating Type	Tin
UPC 12 Digit	781810241011
UPC 14 Digit GTIN	00781810241011

Logistics

Minimum Pack Quantity	1
Pallet Quantity	10240
Carton Quantity	360

Operational

Temperature Rating	194° F
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Product Assets

[Catalog \[English\]](#)

Configuration