

## AMS2, AL Set Screw Splice, #2-14 AWG, 2 Screws, Al/Cu Rated

By Burndy  
Catalog # [AMS2](#)

Aluminum Mechanical Splice, 2-14 AWG, 3/8" Screw Dia, 2 Screws, 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	No
EU RoHS Indicator	Yes
Industry Standard(s)	ANSI C119.4
Standards - Industry Standards Met	UL467
Standards - RoHS Compliance Status	EX
Certification - UL Listed Direct Burial	No
UL Listed	Yes
Certification - CSA Approved	Yes

### Conductor

Conductor - ACSR Cmpt Size	2 AWG
Conductor - AL Str Size	<ul style="list-style-type: none"> <li>• 12 AWG</li> <li>• 10 AWG</li> <li>• 8 AWG</li> <li>• 6 AWG</li> <li>• 4 AWG</li> <li>• 3 AWG</li> <li>• 2 AWG</li> </ul>
Conductor - AL Str Run Range	12 AWG-2 AWG
Conductor - AL Str Run	<ul style="list-style-type: none"> <li>• 12 AWG</li> <li>• 10 AWG</li> <li>• 8 AWG</li> <li>• 6 AWG</li> <li>• 4 AWG</li> <li>• 3 AWG</li> <li>• 2 AWG</li> </ul>
Conductor - AL Str Size Range	12 AWG-2 AWG
Conductor - AL Str Tap Range	12 AWG-2 AWG
Conductor - AL Str Tap	<ul style="list-style-type: none"> <li>• 12 AWG</li> </ul>

- 10 AWG
- 8 AWG
- 6 AWG
- 4 AWG
- 3 AWG
- 2 AWG

Conductor - ACSR Str Size	2 AWG-1 AWG
Conductor - Copper Str Size	2 AWG-1 AWG
Conductor - Copper Str Compact Size	2 AWG
Conductor Size	14-2 AWG
Conductor - Copper Str Run Range	14 AWG-2 AWG
Conductor - Copper Str Run	<ul style="list-style-type: none"> <li>• 14 AWG</li> <li>• 12 AWG</li> <li>• 10 AWG</li> <li>• 9 AWG</li> <li>• 8 AWG</li> <li>• 7 AWG</li> <li>• 6 AWG</li> <li>• 5 AWG</li> <li>• 4 AWG</li> <li>• 3 AWG</li> <li>• 2 AWG</li> </ul>
Conductor - Copper Solid Size	<ul style="list-style-type: none"> <li>• 12 AWG</li> <li>• 11 AWG</li> <li>• 10 AWG</li> <li>• 9 AWG</li> <li>• 8 AWG</li> <li>• 7 AWG</li> <li>• 6 AWG</li> <li>• 5 AWG</li> <li>• 4 AWG</li> <li>• 3 AWG</li> <li>• 2 AWG</li> </ul>
Conductor - Copper Solid Run Range	14 AWG-2 AWG
Conductor - Copper Solid Run	<ul style="list-style-type: none"> <li>• 14 AWG</li> <li>• 13 AWG</li> <li>• 12 AWG</li> <li>• 11 AWG</li> <li>• 10 AWG</li> <li>• 9 AWG</li> <li>• 8 AWG</li> <li>• 7 AWG</li> <li>• 6 AWG</li> <li>• 5 AWG</li> </ul>

Conductor - Copper Solid Size Range	<ul style="list-style-type: none"> <li>• 4 AWG</li> <li>• 3 AWG</li> <li>• 2 AWG</li> </ul> 12 AWG-2 AWG
Conductor - Copper Solid Tap Range	14 AWG-2 AWG
Conductor - Copper Solid Tap	<ul style="list-style-type: none"> <li>• 14 AWG</li> <li>• 13 AWG</li> <li>• 12 AWG</li> <li>• 11 AWG</li> <li>• 10 AWG</li> <li>• 9 AWG</li> <li>• 8 AWG</li> <li>• 7 AWG</li> <li>• 6 AWG</li> <li>• 5 AWG</li> <li>• 4 AWG</li> <li>• 3 AWG</li> <li>• 2 AWG</li> </ul>
Conductor - Copper Str Size Range	14 AWG-2 AWG
Conductor - Copper Str Tap Range	14 AWG-2 AWG
Conductor - Copper Str Tap	<ul style="list-style-type: none"> <li>• 14 AWG</li> <li>• 12 AWG</li> <li>• 10 AWG</li> <li>• 9 AWG</li> <li>• 8 AWG</li> <li>• 7 AWG</li> <li>• 6 AWG</li> <li>• 5 AWG</li> <li>• 4 AWG</li> <li>• 3 AWG</li> <li>• 2 AWG</li> </ul>

### Configuration

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	0.56 in
Dimension - Height fraction	9/16

Package Weight	0.400 lb.
Package Length	3.800 in
Package Width	3.300 in
Dimension - L Length Overall mm	40 mm
Die Size	<ul style="list-style-type: none"> <li>• EEI 11A</li> <li>• Burndy WK840</li> <li>• Burndy 249</li> <li>• Kearney 840</li> <li>• T&amp;B TX</li> <li>• T&amp;B 76</li> </ul>
Width	0.56 in
Dimension - Width fraction	9/16 in
Length	1.59 in
Dimension - Width mm	14 mm
Dimension - Width inch	0.56 in
Depth	0.56 in
Height	0.79 in
Dimension - Length Overall inch	1.59 in
Hex Size	Slot
Dimensions	1.59 in x 0.56 in x 0.79 in

### Force Related

Installation Torque Recommended in-lb	50 LBS/in
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### General

Material - Hardware	Aluminum
Physical Attribute - Screw Type Plated	Slot Y
Sub Brand	SPLICER/REDUCER
UPC	781810241004
Type	AMS, Dual Rated
Material	Aluminum
Plating Type	Tin
UPC 12 Digit	781810241004
UPC 14 Digit GTIN	00781810241004

### Logistics

Minimum Pack Quantity	1
Pallet Quantity	11520
Carton Quantity	360

### Operational

Temperature Rating	194° F
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### Product Assets

[Catalog \[English\]](#)

