



# Aluminum Mechanical Splice, 4/0-6 AWG, 9/16" Screw Dia, 2 Screws, 5/16" Hex Size, Al/Cu Rated, Tin Plated

By Burndy  
Catalog # [AMS4/0](#)



Aluminum Mechanical Splice, 4/0-6 AWG, 9/16" Screw Dia, 2 Screws, 5/16" 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

## General

|                                       |  |
|---------------------------------------|--|
| Connector Type                        | In-Line  |
| 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> |
| EU RoHS Indicator                     | Yes  |
| Hex Size                              | 5/16   |
| Installation Torque Recommended in-lb | 275 LBS/in   |
| Material                              | Aluminum   |
| Material - Hardware                   | Aluminum   |
| Physical Attribute - Number of Screws | 2  |
| Physical Attribute - Screw Type       | Slot   |
| Plated                                | Y  |
| Plating Type                          | Tin  |
| Sub Brand                             | SPLICER/REDUCER  |
| Temperature Rating Type               | 194° F<br>AMS, Dual Rated  |
| UPC                                   | 781810241028   |
| UPC 12 Digit                          | 7818102410288  |

## Dimensions

|                             |         |
|-----------------------------|---------|
| Depth                       | 0.56 in |
| Dimension - H1 Height inch  | 1.09 in |
| Dimension - Height fraction | 1-3/32  |

## Conductor Related

|                                     |   |
|-------------------------------------|---|
| Conductor - ACSR Cmpt Size          | 250 kcmil-300 kcmil   |
| Conductor - ACSR Str Size           | 4/0 AWG & 250 kcmil   |
| Conductor - AL Str Run              | 6 AWG;4 AWG;3 AWG;2 AWG;1 AWG;1/0 AWG;2/0 AWG;3/0 AWG;4/0 AWG       |
| Conductor - AL Str Run Range        | 6 AWG-4/0 AWG   |
| Conductor - AL Str Size             | 6 AWG;4 AWG;3 AWG;2 AWG;1 AWG;1/0 AWG;2/0 AWG;3/0 AWG;4/0 AWG       |
| Conductor - AL Str Size Range       | 6 AWG-4/0 AWG   |
| Conductor - AL Str Tap              | 6 AWG;4 AWG;3 AWG;2 AWG;1 AWG;1/0 AWG;2/0 AWG;3/0 AWG;4/0 AWG       |
| Conductor - AL Str Tap Range        | 6 AWG-4/0 AWG   |
| Conductor - Copper Solid Run        | 6 AWG;5 AWG;4 AWG;3 AWG;2 AWG;1 AWG;1/0 AWG;2/0 AWG;3/0 AWG;4/0 AWG |
| Conductor - Copper Solid Run Range  | 6 AWG-4/0 AWG   |
| Conductor - Copper Solid Size       | 6 AWG;5 AWG;4 AWG;3 AWG;2 AWG;1 AWG;1/0 AWG;2/0 AWG;3/0 AWG;4/0 AWG |
| Conductor - Copper Solid Size Range | 6 AWG-4/0 AWG   |
| Conductor - Copper Solid Tap        | 6 AWG;5 AWG;4 AWG;3 AWG;2 AWG;1 AWG;1/0 AWG;2/0 AWG;3/0 AWG;4/0 AWG |
| Conductor - Copper Solid Tap Range  | 6 AWG-4/0 AWG   |
| Conductor - Copper Str Compact Size | 250 kcmil-300 kcmil   |
| Conductor - Copper Str Run          | 6 AWG;5 AWG;4 AWG;3 AWG;2 AWG;1 AWG;1/0 ;2/0 AWG;3/0 AWG;4/0 AWG    |
| Conductor - Copper Str Run Range    | 6 AWG-4/0 AWG   |
| Conductor - Copper Str Size         | 4/0 AWG & 250 kcmil   |
| Conductor - Copper Str Size Range   | 6 AWG-4/0 AWG   |
| Conductor - Copper Str Tap          | 6 AWG;5 AWG;4 AWG;3 AWG;2 AWG;1 AWG;1/0 ;2/0 AWG;3/0 AWG;4/0 AWG    |
| Conductor - Copper Str Tap Range    | 6 AWG-4/0 AWG   |

|                                 |         |
|---------------------------------|---------|
| Dimension - L Length Overall mm | 59 mm   |
| Dimension - Length Overall inch | 2.31 in |
| Dimension - Width fraction      | 1 in    |
| Dimension - Width inch          | 1.00 in |
| Dimension - Width mm            | 25 mm   |
| Length                          | 3.25 in |
| Width                           | 0.91 in |

### Electrical Ratings

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

Conductor Size 6-4/0 AWG

### 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       | 240 |
| Minimum Pack Quantity | 1   |

### Product Assets

[3D Models - AMS40\\_MODEL-IGES](#)  
[3D Models - AMS40\\_MODEL-PDF](#)  
[3D Models - AMS40\\_MODEL-STEP](#)  
[Catalogs - Full Line BURNDY Catalog](#)  
[Customer Notices - Prop 65 Notice](#)  
[Product Cross Section Image\(s\) - BUR\\_AMS\\_Lineart](#)  
[Sales Drawings - sd207208-01](#)



A proud member of the Hubbell Family.

©2024 Hubbell Incorporated. All rights reserved.  
BRDY-AMS4/0-SPEC-EN | REV 5/2024