



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

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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 - CSA Approved | Yes |
| UL Listed | Yes |
| Certification - UL Listed Direct Burial | No |

Conductor

| | |
|------------------------------|---|
| Conductor - ACSR Cmpt Size | 250 kcmil-300 kcmil |
| Conductor - Copper Str Size | 4/0 AWG & 250 kcmil |
| Conductor - ACSR Str Size | 4/0 AWG & 250 kcmil |
| Conductor - AL Str Run | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 6 AWG • 4 AWG • 3 AWG • 2 AWG • 1 AWG |

| | |
|-------------------------------------|--|
| | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 6 AWG • 5 AWG • 4 AWG • 3 AWG • 2 AWG • 1 AWG • 1/0 AWG |

| | |
|-------------------------------------|--|
| Conductor - Copper Solid Tap Range | <ul style="list-style-type: none"> • 2/0 AWG • 3/0 AWG • 4/0 AWG 6 AWG-4/0 AWG |
| Conductor - Copper Str Compact Size | 250 kcmil-300 kcmil |
| Conductor - Copper Str Run | <ul style="list-style-type: none"> • 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 Size | 6-4/0 AWG |
| Conductor - Copper Str Size Range | 6 AWG-4/0 AWG |
| Conductor - Copper Str Tap | <ul style="list-style-type: none"> • 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 |

Configuration

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

Current

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

Dimensions

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|----------|---|
| Die Size | <ul style="list-style-type: none"> • EEI 11A • Burndy WK840 • Burndy 249 |
|----------|---|

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|---------------------------------|--------------------------|
| Dimension - L Length Overall mm | 59 mm |
| Dimension - H1 Height inch | 1.09 in |
| Dimension - Height fraction | 1-3/32 |
| Dimension - Height mm | 0 mm |
| Width | 1 in |
| Dimension - Width fraction | 1 in |
| Dimension - Width inch | 1.00 in |
| Dimension - Width mm | 25 mm |
| Depth | 0.56 in |
| Length | 2.31 in |
| Hex Size | 5/16 |
| Dimension - Length Overall inch | 2.31 in |
| Height | 1.28 in |
| Dimensions | 2.31 in x 1 in x 1.28 in |

Force Related

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|---------------------------------------|------------|
| Installation Torque Recommended in-lb | 275 LBS/in |
|---------------------------------------|------------|

General

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|---------------------------------|-----------------|
| Material - Hardware | Aluminum |
| Sub Brand | SPLICER/REDUCER |
| Physical Attribute - Screw Type | Slot |
| Plated | Y |
| Type | AMS, Dual Rated |
| UPC 12 Digit | 781810241028 |
| UPC 14 Digit GTIN | 00781810241028 |
| Material | Aluminum |
| Plating Type | Tin |
| UPC | 781810241028 |

Logistics

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|-----------------------|-----|
| Minimum Pack Quantity | 1 |
| Carton Quantity | 240 |
| Pallet Quantity | 1 |

Operational

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| Temperature Rating | 194° F |
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Product Assets

[Catalog \[English\]](#)

