

BISR500, Clear Insulated Splice Reducer

By Burndy
Catalog # BISR500

Aluminum In-Line Splice, 6 AWG-500 kcmil



Features

- Type BISR In-Line Splice/Reducers are easily installed on code conductor
- UL486B Listed, Dual rated AL9CU for any stranded copper or stranded aluminum applications

Application

For Indoor Use Only

Specifications

Buy American Compliant	No
Certification - cULus	No
EU RoHS Indicator	Yes
Certification - UL Recognized	No
Industry Standard(s)	UL 486A-486B
Certification - ETL	No
Standards - Industry Standards Met	UL 486A-486B
Standards - RoHS Compliance Status	CM
Certification - CSA Approved	Yes
UL Listed	Yes
Certification - UL Listed Direct Burial	No

Conductor

Conductor - Copper Str Size	<ul style="list-style-type: none"> • #6 • 5 AWG • 4 AWG • 3 AWG • 2 AWG • 1 AWG • 1/0 • 2/0 AWG • 3/0 AWG • 4/0 AWG • 250 kcmil • 300 kcmil • 350 kcmil • 400 kcmil • 450 kcmil • 500
Conductor - AL Str Size	<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
- 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	6 AWG - 500 kcmil
Conductor Size	6 AWG-500 KCMIL
Conductor - Copper Str Size Range	6 AWG - 500 kcmil
Conductor Type	<ul style="list-style-type: none"> • AL C Str-Size • CU C Str-Size

Configuration

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

Current

Voltage - Maximum	600 V
Operating Voltage	600 V

Dimensions

Dimension - L Length Overall mm	127 mm
Dimension - Height fraction	2.625 in
Dimension - Height inch	2.62 in
Dimension - Height mm	67 mm
Dimension - Width fraction	1-31/50 in
Dimension - Width inch	1.62 in
Dimension - Width mm	41 mm
Dimension - Length Overall inch	5 in

Force Related

Installation Torque
Recommended in-lb

275 in-lb

Hex Key
Plating Type
UPC

5/16 in
Unplated
781810134085

General

Material - Hardware
Insulation Type
Trade Name
Insulation
Sub Brand
Physical Attribute - Screw Type
Plated
Type
UPC 12 Digit
UPC 14 Digit GTIN
Material

Aluminum
Plastisol
UNITAP™
Y
UNITAP
Allen
N
BISR, In-Line
781810134085
00781810134085
Aluminum

Logistics

Minimum Pack Quantity
Carton Quantity
Pallet Quantity

1
60
900

Operational

Temperature Rating

90 °C

Product Assets

[Catalog \[English\]](#)
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BRDY-BISR500-SPEC-EN | REV 12/2025