

# BISR1DB, Direct Burial Insulated Splice Reducer

By Burndy  
Catalog # BISR1DB



In-Line Splice/Reducer, 2 Port, 2-1 AWG, Al/Cu Rated.

## Features

- AL486D UL Listed for Direct Burial
- AL9CU Dual-rated for copper and aluminum applications
- Oxide inhibitor pre-installed prevents moisture and contaminants from entering the contact area
- Range-taking capability reduces the number of connectors needed in inventory

## Application

For Outside Direct Burial

## General

Catalog Number	BISR1DB
Connector Type	In-Line
EU RoHS Indicator	Yes
Hex Key	5/32 in
Installation Torque	130 in-lb
Recommended in-lb	
Insulation	Y
Insulation Type	Plastisol
Material	Aluminum
Number Of Ports	2
Physical Attribute - Number of Screws	2
Physical Attribute - Screw Type	Allen
Plated	N
Plating Type	Unplated
Sub Brand	UNITAP, MOLE
Temperature Rating	90 °C
Trade Name	UNITAP™
Type	BISR
UPC	781810288047
UPC 12 Digit	7818102880477

## Dimensions

Dimension - Height inch	1.75 in
Dimension - Height mm	44.45 mm
Dimension - L Length Overall mm	160 mm
Dimension - Length Overall inch	6.3 in
Dimension - Screw Size inch	5/16
Dimension - Strip Length inch	7/8 in

Dimension - Width inch	0.88 in
Dimension - Width mm	22.3 mm

## Electrical Ratings

Operating Voltage	600 V
Voltage - Maximum	600 V

## Conductor Related

Conductor - AL Str Size	2 AWG;1 AWG
Conductor - AL Str Size Range	2 AWG - 1 AWG
Conductor - Copper Str Size	#2 AWG;#1 AWG
Conductor - Copper Str Size Range	2 AWG - 1 AWG
Conductor Size	2-1 AWG
Conductor Type	<ul style="list-style-type: none"> <li>• AL C Str-Size</li> <li>• CU C Str-Size</li> </ul>

## Certifications And Compliance

Buy American Compliant	Contact Manufacturer
Certification - CSA Approved	No
Certification - ETL	No
Certification - UL Listed Direct Burial	Yes
Certification - UL Recognized	No
Certification - cULus	No
Certified Listed	BABA Compliant (All status valid till December 2024)
Industry Standard(s)	UL 486A-486B
Standards - Industry Standards Met	UL 486A-486B
Standards - RoHS Compliance Status	CM
UL Listed	Yes

## Logistics

Minimum Pack Quantity	1
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## Product Assets

- [3D Models - BISR1DB\\_MODEL-STEP](#)
- [3D Models - BISR1DB\\_MODEL-IGES](#)
- [3D Models - BISR1DB\\_MODEL-PDF](#)
- [Catalogs - BURNDY Master Catalog - Section A - Mechanical](#)
- [Catalogs - UNITAP™ Products](#)

Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog  
Customer Notices - Prop 65 Notice  
Interactive Catalog - BURNDY Full-Line Digital Catalog

Product Cross Section Image(s) - BUR\_BISR\_Lineart  
Sales Drawings - 10003180  
Specifications - BISR1DB



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