



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

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	No
UL Listed	Yes
Certification - UL Listed Direct Burial	Yes

Conductor

Conductor - Copper Str Size	#2 AWG;#1 AWG
Conductor - AL Str Size	2 AWG;1 AWG
Conductor - AL Str Size Range	2 AWG - 1 AWG
Conductor Size	2-1 AWG
Conductor - Copper Str Size Range	2 AWG - 1 AWG
Conductor Type	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
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Operating Voltage	600 V
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Dimensions

Dimension - L Length Overall mm	160 mm
Dimension - Height inch	1.75 in
Dimension - Height mm	44.45 mm
Dimension - Screw Size inch	5/16
Dimension - Strip Length inch	7/8 in
Width	0.88 in
Dimension - Width inch	0.88 in
Dimension - Width mm	22.3 mm
Length	6.3 in
Dimension - Length Overall inch	6.3 in
Height	1.75 in
Dimensions	6.3 in x 0.88 in x 1.75 in

Force Related

Installation Torque	130 in-lb
Recommended in-lb	

General

Insulation Type	Plastisol
Trade Name	UNITAP™
Insulation	Y
Sub Brand	UNITAP, MOLE
Physical Attribute - Screw Type	Allen
Plated	N
Type	BISR
UPC 12 Digit	781810288047
UPC 14 Digit GTIN	00781810288047
Material	Aluminum
Hex Key	5/32 in
Plating Type	Unplated
UPC	781810288047

Logistics

Minimum Pack Quantity	1
Carton Quantity	125
Pallet Quantity	3375

Operational

Temperature Rating	90 °C
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Product Assets

[Catalog \[English\]](#)

[Catalog \[English\]](#)



A Hubbell brand