



BISR1DB, Direct Burial Insulated Splice Reducer

By Burndy
Catalog # [BISR1DB](#)

Aluminum UNITAP In-Line Splice Reducer, 2 Port, #2-1 AWG, AL/Cu, Direct Burial

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

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

Conductor

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 Size	2-1 AWG
Conductor Type	• AL C Str-Size • CU C Str-Size
Conductor - Copper Str Size Range	2 AWG - 1 AWG

Configuration

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

Current

Operating Voltage	600 V
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Voltage - Maximum	600 V
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Dimensions

Package Height	0.000 in
Dimension - Height mm	44.45 mm
Dimension - Height inch	1.75 in
Package Weight	0.000 lb.
Package Length	0.000 in
Package Width	0.000 in
Dimension - L Length Overall mm	160 mm
Width	0.88 in
Dimension - Screw Size inch	5/16
Dimension - Strip Length inch	7/8 in
Length	6.3 in
Dimension - Width mm	22.3 mm
Dimension - Width inch	0.88 in
Height	1.75 in
Dimension - Length Overall inch	6.3 in
Dimensions	6.3 in x 0.88 in x 1.75 in

Force Related

Installation Torque Recommended in-lb	130 in-lb
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General

Product Family	MECHANICAL
Insulation Type	Plastisol
Trade Name	UNITAP™
Insulation	Y
Physical Attribute - Screw Type	Allen
Plated	No
Sub Brand	UNITAP, MOLE
Product Type	Splice Reducer
UPC	781810288047
Type	BISR
Hex Key	5/32 in
Material	Aluminum
Plating Type	Unplated
UPC 12 Digit	781810288047
UPC 14 Digit GTIN	00781810288047

Logistics

Minimum Pack Quantity	1
Pallet Quantity	3375
Carton Quantity	125

Operational

Temperature Rating90 °C



A Hubbell brand

Product Assets

[Catalog \[English\]](#)
[Catalog \[English\]](#)