

BISR500, Clear Insulated Splice Reducer

By Burndy
Catalog # [BISR500](#)



Aluminum In-Line Splice, 6 AWG-500 kcmil.

Application

For Indoor Use Only

General

Connector Type	In-Line
EU RoHS Indicator	Yes
Hex Key	5/16 in
Installation Torque Recommended in-lb	275 in-lb
Insulation	Y
Insulation Type	Plastisol
Material	Aluminum
Material - Hardware	Aluminum
Number Of Ports	2
Physical Attribute - Number of Screws	2
Physical Attribute - Screw Type	Allen
Plated	N
Plating Type	Unplated
Sub Brand	UNITAP
Temperature Rating	90 °C
Trade Name	UNITAP™
Type	BISR, In-Line
UPC	781810134085
UPC 12 Digit	7818101340855

Dimensions

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

Electrical Ratings

Operating Voltage	600 V
Voltage - Maximum	600 V

Conductor Related

Conductor - AL Str Size	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 - Copper Str Size	#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 - Copper Str Size Range	6 AWG - 500 kcmil
Conductor Size	6 AWG-500 KCMIL
Conductor Type	<ul style="list-style-type: none"> • AL C Str-Size • CU C Str-Size

Certifications and Compliance

Certification - CSA Approved	Yes
Certification - ETL	No
Certification - UL Listed Direct Burial	No
Certification - UL Recognized	No
Certification - cULus	No
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 - BISR500_MODEL-STEP](#)
[3D Models - BISR500_MODEL-IGES](#)
[3D Models - BISR500_MODEL-PDF](#)
[Catalogs - UNITAP™ Products](#)
[Catalogs - Full Line BURNDY Catalog](#)
[Customer Notices - Prop 65 Notice](#)
[Sales Drawings - sc210991-03](#)



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