



BISR500FX, Flex Rated Clear Insulated Splice Reducer

By Burndy
Catalog # [BISR500FX](#)



Aluminum UNITAP, In-Line Splice Reducer, #6-500 Class B & C, #6-373 Class G,H,I,K, DLO, 2 PORT

Features

- Type BISR-FX In-Line Splice/Reducers for Code and Flex conductor are listed to UL486A-B, CSA Certified to C22.2, No. 65, and AL9CU dual rated
- Range taking designs reduce inventory needs
- Screw Port and Conductor Port caps provide protection against contamination and accidental contact of energized parts
- Caps are color coordinated to quickly identify maximum conductor size
- Screw Port caps display recommended installation torque values for quick and easy reference
- Conductor Port caps show accommodated wire range and class

Application

Tap connections and in-line splice/reductions are made quickly and easily with the UNITAP™ line of connectors

General

Color Code	Red
Connector Type	In-Line
EU RoHS Indicator	Yes
Hex Key	3/8 in
Installation Torque	375 in-lb
Recommended in-lb	
Insulation	Y
Insulation Type	Plastisol
Material	Aluminum
Number Of Ports	2
Plated	Y
Plating Type	Tin Plated Aluminum
Sub Brand	UNITAP
Temperature Rating	135 °C
Trade Name	UNITAP™
Type	BISR,Multi-Port
UPC	621945440715
UPC 12 Digit	6219454407155

Dimensions

Dimension - Height inch	2.63 in
Dimension - L Length Overall mm	133.35 mm
Dimension - Length Overall inch	5.25 in

Electrical Ratings

Operating Voltage	600 V
Voltage - Maximum	600 V

Conductor Related

Conductor - Copper DLO Size Range	6 - 373 Str
Conductor - Copper Flex G Size Range	6 - 373 Str
Conductor - Copper Flex H Size Range	6 - 373 Str
Conductor - Copper Flex I Size Range	6 - 373 Str
Conductor - Copper Flex K Size Range	6 - 373 Str
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• CU C Flex-Size

Certifications And Compliance

Certification - CSA Approved	Yes
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

[Catalogs - UNITAP™ Products](#)
[Catalogs - Full Line BURNDY Catalog](#)
[Customer Notices - Prop 65 Notice](#)
[Sales Drawings - 50046931](#)

Dimension - Width inch	1.63 in
Dimension - Width mm	41.4 mm



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BRDY-BISR500FX-SPEC-EN | REV 5/2024