



KSA500, Aluminum Split Bolt Connector, Tin Plated

By Burndy
Catalog # [KSA500](#)

Aluminum Split Bolt, (Run, Tap):: Al-Al: 500 kcmil, 500 kcmil , Al-Cu: 400 kcmil, 2 AWG (Str) , Cu-Cu: 500 kcmil, 2 AWG (Str), Tin Plated.



Features

- No scratch brushing or oxide inhibitor required
- Provides maximum pressure assuring a secure connection of run and tap conductors
- UL486B Listed
- Low contact resistance, provides equal coefficient of expansion
- Inhibits the reformation of oxides by producing a gas-tight seal

Application

For All Combinations of Aluminum to Aluminum, Aluminum to Copper and Copper to Copper, Aluminum Alloy Tin Plated

General

Connector Type	Split Bolt
EU RoHS Indicator	Yes
Hardware Type	1 5/8-12 UN
Installation Torque	825 LBS/in
Recommended in-lb	
Insulation	Y
Material	Aluminum
Plated	Y
Plating Type	Tin
Sub Brand	TRITAP, SERVIT
Temperature Rating	194
Trade Name	TRITAP™ SERVIT®
Type	KSA
UPC	781810153536
UPC 12 Digit	7818101535366

Dimensions

Dimension - B Length fraction	2-1/2 in
Dimension - B Length inch	2.52 in
Dimension - Bolt Size inch	1.63 in
Dimension - Cross Flats inch	2.00 in
Dimension - Height fraction	1-3/4 in
Dimension - Height inch	1.73 in
Dimension - L Length Overall mm	92 mm
Dimension - Length Overall inch	3.62 in
Dimension - Width inch	2.52 in
Dimension - Width mm	64 mm

Conductor Related

Conductor - AL Str Run	400 kcmil;450 kcmil;477 kcmil;500 kcmil
Conductor - AL Str Run Range	400 kcmil-500 kcmil
Conductor - AL Str Tap	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 Tap Range	2 AWG-500 kcmil
Conductor - Copper Solid Tap	2 AWG;1 AWG;1/0 AWG;2/0 AWG;3/0 AWG;4/0 AWG
Conductor - Copper Solid Tap Range	2 AWG-4/0 AWG
Conductor - Copper Str Run	400 kcmil;450 kcmil;500 kcmil
Conductor - Copper Str Run Range	400 kcmil-500 kcmil
Conductor - Copper Str Tap	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 kcmil
Conductor - Copper Str Tap Range	2 AWG-500 kcmil
Conductor Size	2 AWG-500 KCMIL
Conductor Type	<ul style="list-style-type: none"> • AL C Str-Run • CU C Str-Run • CU C Solid-Run • AL C Str-Tap • CU C Str-Tap • CU C Solid-Tap

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

Electrical Ratings

Rating - Minimum Voltage 600

Logistics

Carton Quantity	20
Minimum Pack Quantity	1
Pallet Quantity	1800

Product Assets

[Catalogs - Full Line BURNDY Catalog](#)
[Customer Notices - Prop 65 Notice](#)
[Product Cross Section Image\(s\) - BUR_KSA_LineArt](#)
[Sales Drawings - sd084189](#)



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