Mechanical Connectors

UM/S Series - LV Straight / Service Tap

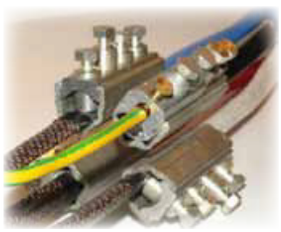
Application

A versatile "building block" approach to LV connectors -For LV mains branch jointing with services. Can also be used for neutral connections on 3 core wave form to 4 core sector joints.



Refer to UM series connectors for details of conductor types.

- Moulded insulating shrouds available
- Single or double service tap-offs avaialble
- Many other configurations possible, consult factory for details

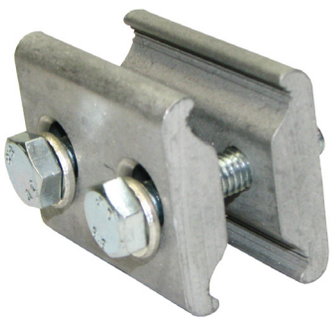


Please ask us about the full range of options and accessories

BSTA Series - LV Branch

Application

Branch connections on mains cables or mains to mains connections.

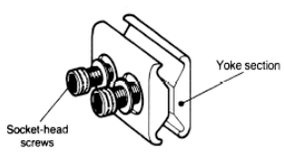


Conductor Type

3 or 4 core solid sector aluminium

Hexagonal head screw available as an option. Add suffix ‘H’ to product number. Eg, BST/A3H

	Mains conductor size (mm²)							
Branch conductor* size (mm²)		70	95	120	150	185	240	300
	70							
	95							
	120							
	150							
	185							
	240							
	300							



3/16 "AF hex drive required

BSTA/1 All Connectors BST/A2 & BST/A3H

Suitable for class 1 & 2 copper and aluminium conductors (AS1125) only. Not suitable for flexible cables.

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Mechanical Connectors

UM Series- LV Straight Connectors

Application

For the in-line connection of two low voltage power cables. Ideal for LV heat shrink or cast resin type joints.



Conductor Type

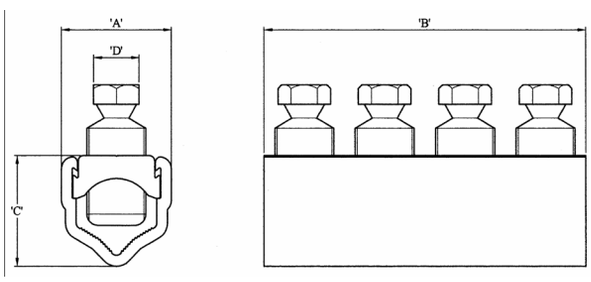
This versatile connector accommodates a vast array of conductor types, sizes and constructions in any combination;

- Aluminium or copper
- Stranded* or solid
- Circular or sector shaped
- 120° 3 core or 90° 4 core sector shaped



Features

- All connectors feature a shear-head bolt for precision contact force control.
- The removable bridge allows the easy mounting of conductors into the connector. Bending of cable cores is kept to an absolute minimum. Ideal for large conductors and restricted working spaces.
- The unique and advanced contact bolt design does not require the use of pressure pads on stranded conductor.
- Electro-tinned body and contact bolts enables the jointing of copper to copper or copper to aluminium conductors without the use of brass gauzes.
- The advanced design of the connector body allows the connection of sector shaped cables with the sector apex either pointing away or towards the contact bolt, minimising the need to twist sector shaped cores.



Product Number	Conductor* Size Range $(mm)^2$	Overall Length (B) (mm)	Width (A) x Height (C) (mm)	Hex Head AF (mm)
UM95	16 - 95	86	26 x 24.5	13
UM185	16 -185	108	35 x 33	17
UM300	70 -300	120	41 x 400	17

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