



Energy Division

Universal straight joint connectors with service connections and moulded insulation shrouds

UST service connectors are designed for connecting low voltage aluminium and copper mains and service conductors.

This includes stranded or solid 120° and 90° sectorial or round conductors up to the maximum cross-section for which the connector is designed.

UST95 range requires a 13mm socket or spanner and UST185 and UST300 ranges require a 19mm socket or spanner to complete the installation. The service connection is made with an M8 brass screw and requires a 3mm A/F allen key to complete the installation.

The moulded orange shrouds offer reliable and robust insulation reducing installation time and making live working easier. Breather holes on the shroud allow 2 and 3 part resins to flow freely and encapsulate the connector and shroud assembly.

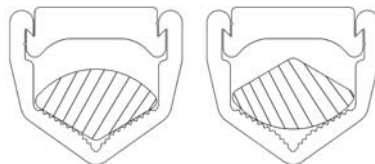
Part No: - USTxxxSBy

-xxx: Max. conductor size suitable for the connector (either 95, 185 or 300mm²)

-Y: 'S' is for single service connection, 'D' for double

Brass gauze can be used to wrap copper conductors, and is recommended for small or loosely compacted conductors.

For jointing sectorial conductors with 'V' facing up or down



Features

- Can be used as a transition connector between cables with different conductor constructions, types, materials and sizes (e.g. solid sectorial to circular stranded)
- The standard product is supplied with shear head bolts
- Low torque, direct acting bolts
- Service connections up to 50mm²
- Reduced installation time
- Moulded shroud has petals at both conductor entry areas and centrally locates the connector for improved insulation

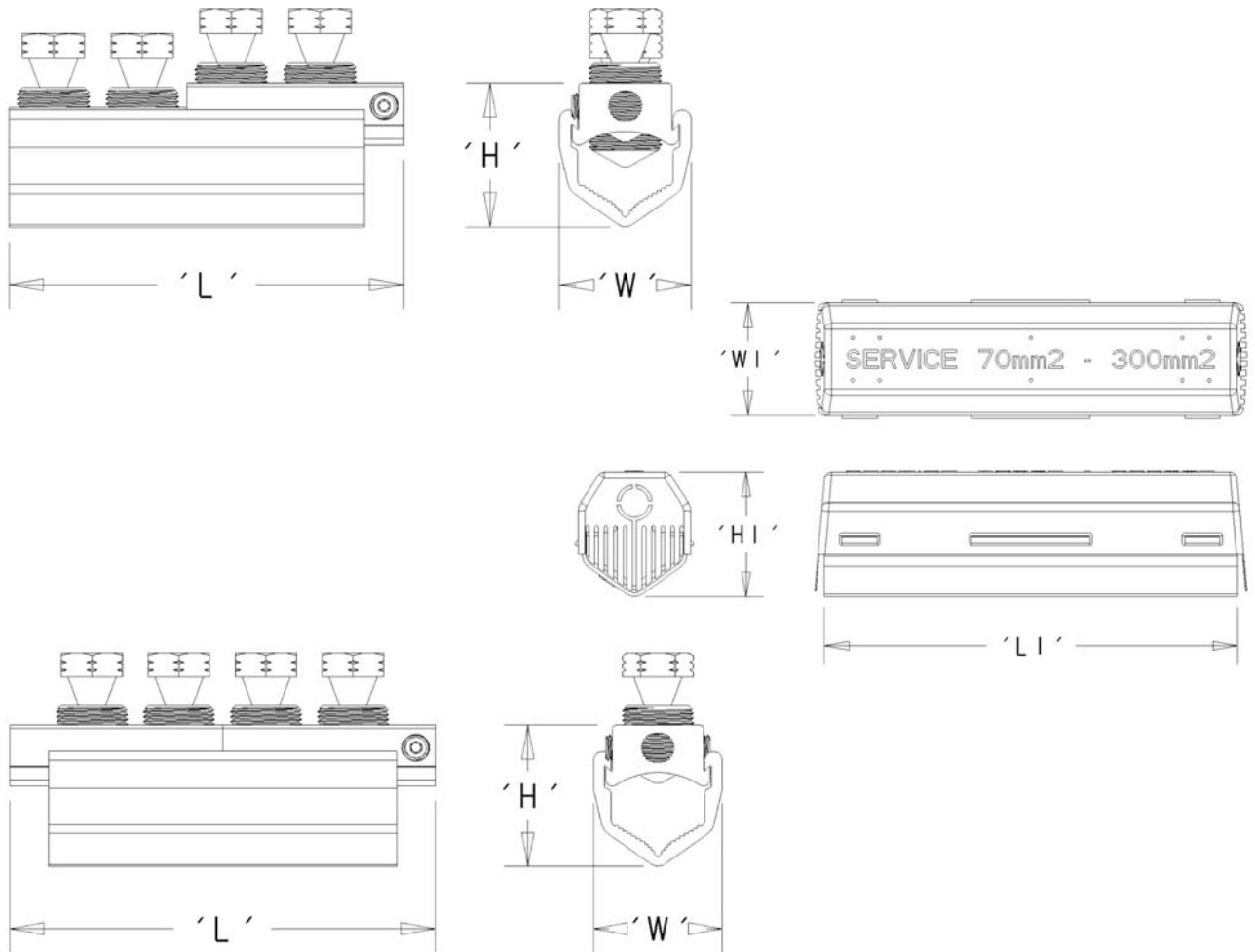
Standards

- Connector designed to meet the requirement of BS4579 and ER C79
- Moulded insulation shroud tested to 5kV AC and 1kV DC

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Reference	PN	TCPN	Dimensions (mm)						Conductor size (mm ²)	Socket/ Spanner A/F (mm)
			L	H	W	L1	H1	W1		
UST095SBS-G/INS	BAH-032020082	EB9135-000	92	33	25	147	38.4	33.8	35-95	13
UST185SBS-G/INS	BAH-032020083	EB9136-000	120	39	34	175	47.6	41.6	35-185	19
UST300SBS-G/INS	BAH-032020084	EB9137-000	120	43	40	175	52.	47.6	70-300	19
UST095SBD-G/INS	BAH-032020085	CR4193-000	104	33	25	147	38.4	33.8	35-95	13
UST185SBD-G/INS	BAH-032020086	CR4194-000	132	39	34	175	47.6	41.6	35-185	19
UST300SBD-G/INS	BAH-032020087	CR4196-000	132	43	40	175	52.7	47.6	70-300	19

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Energy Division - economical solutions for the electrical power industry: cable accessories, connectors & fittings, electrical equipment, instruments, lighting controls, insulators & insulation enhancement and surge arresters.

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