LVABC Service Fitting Connectors

TTD Series - Insulated Piercing Connectors

For connecting Insulated Mains to Insulated Mains or Insulated Services.

The Sicame TTD range of insulation piercing connectors (IPCs) provide a fast, convenient and reliable method of connecting overhead low voltage mains to services or other mains. All common types of conductors can be interconnected, including insulated aluminium or copper. The connectors have been tested to IEC and Eurpoean standards, and are approved for use by Australian power distribution utilities (consult for further details).

The Sicame TTD range has a long proven track record in the harsh Australian climatic conditions.

Application

Mains cable: Insulated copper or aluminium

Tap cable: Insulated copper or aluminium

Not suitable for multi stranded flexible cable or neutral screened cable.

Installation Notes

When using 2 bolt connectors, each bolt must be tightened a 1/4 to 1/2 turn alternately, until the shear head operates. For tightening the shear head bolts, use only a 13mm AF, six-sided hexagon socket

RECOMMENDED TOOL

RPS13/17-6H or RPS13/17-6SH



For double insulated cables, the outer sheath should be removed before applying the connector. Please note: The products on this page can be ordered with high visibility shear-off identification tags. To order add the suffix E to the end of the part number.

Products on this pages are unsuitable for multi-stranded flexible cables.

Features

- Provides a fully sealed, waterproof connection
- No need to strip cable to make the connection
- Simultaneous piercing on main and tap
- Torque controlling shear heads on all bolts
- Tightening bolts do not come into contact with live components
- Captive end cap for protection of tap cable, which can be mounted on either side. Endcap has duel sealing method
- Fully bimetallic
- Stainless steel fasteners.



TTD151XFA



TTD301XFA

Product Number	Mains Cable mm²	Branch Cable (mm²)	No. of Bolts	Bolt Size	Shear Head AF Size mm	Pack Size
TTD051XFA	16 to 95	1.5 to 10	1	M8	13	12
TTD101XFA	6 to 54	6 to 35	1	M8	13	12
TTD151XFA	16 to 95	6 to 35	1	M8	13	12
TTD201XFA	25 to 95	25 to 95	1	M8	13	12
TTD241XFA	16 to 150	6 to 35	1	M8	13	12
TTD271XFA	25 to 150	25 to 120	1	M8	13	8
TTD301XFA	25 to 95	25 to 95	2	M8	13	8
TTD351XFA	25 to 150	25 to 95	2	M8	13	8
TTD401XFA	50 to 185	50 to 150	2	M8	13	4
TTD431XFA	70 to 240	16 to 95	2	M10	17	4
TTD451XFA	95 to 240	95 to 240	2	M10	17	4
TTD551FJA	120 to 400	95 to 240	2	M10	17	4

Note: Add suffix 'E' for addition of yellow shear-head indicator

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