LVABC Service Fitting Connectors

NTD Series - Bare Mains to Insulated Service Cable Connectors

The Sicame NTD range of insulation piercing connectors provide a fast, easy and reliable method of connecting insulated aluminium or copper cables, to bare overhead aluminium or copper mains.

Application

Mains: Bare copper or aluminium

Tap: Insulated copper or aluminium

Testing Specification

To IEC and European standards

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 double insulated cables, the outer sheath should be removed before applying the connector.

Features

- Provides a fully sealed, waterproof connection on the tap side
- No need to strip the tap conductor
- Simultaneous piercing on both sides
- 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
- Bimetallic on ***branch*** side
- Stainless steel fasteners.

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



NTD101F



NTD301XFA



NTD351AXFA

Note: Suffix 'E' denotes addition of yellow shear-head indicator.

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LV OVERHEAD

LVABC Service Fitting Connectors

NTD Series - Bare Mains to Insulated Service Cable Connectors cont.

Product Number	Type	Bare Mains Cable (mm²)	Diameter (mm)	Insulated Tap Cable (mm²)	No. of Bolts	Bolt Size	Pack Size
Bare Conductor Copper							
NTD101F*	CU	6 to 70	3.0 to 10.5	2.5 to 35	1	M8	12
NTD301XFA	CU	7 to 95	3.0 to 12.5	25 to 95	2	M8	10
NTD351XFA	CU	50 to 150	9.0 to 15.7	25 to 95	2	M8	10
NTD401XFA	CU	50 to 150	9.0 to 15.7	50 to 150	2	M8	4
Bare Conductor Aluminium							
NTD101AF*	AL	6 to 54	3.0 to 9.5	2.5 to 35	1	M8	12
NTD301AXFA	AL	7 to 95	3.0 to 12.5	25 to 95	2	M8	10
NTD351AXFA	AL	50 to 150	8.5 to 15.8	25 to 95	2	M8	10
NTD401AXFA	AL	50 to 150	8.5 to 15.8	50 to 150	2	M8	4
NTD431AXFA	AL	95 to 240	12.5 to 19.6	35 to 95	2	M10	4
NTD451AXFA	AL	95 to 240	12.5 to 19.6	95 to 150	2	M10	4

* Denotes galvanised fasteners
** NTD101F & NTD101AF can be substituted with the local manufactured (utility approved) CAW & CCW range. Refer to page 8 & 9

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RECOMMENDED TOOL

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



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