



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

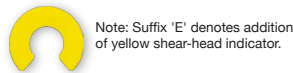
When using 2 bolt connectors, each bolt must be tightened a 1/4 to 1/2 turn alternately, until the shear head operates.

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



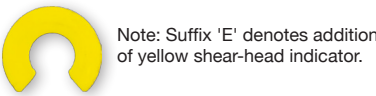
NTD351AXFA

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■ 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 | 9.5 to 15.8 | 25 to 95 | 2 | M8 | 10 |
| NTD401AXFA | AL | 50 to 150 | 9.5 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

