

USER GUIDE



TRANSNET LOW VOLTAGE UNDERGROUND NETWORK BONDING EQUIPMENT RANGE

Note: *This document is intended as a Guide only, for the safe use of TransNet's range of Low Voltage Underground Network Bonding Equipment and does not replace any Network or Company Operating Standards or Procedures.*

All equipment outlined in this document meets the requirements of Section 7 of the EEA TECHNICAL GUIDE, PORTABLE EQUIPMENT FOR WORK ON OR NEAR CONDUCTORS – APRIL 2024



STEPS

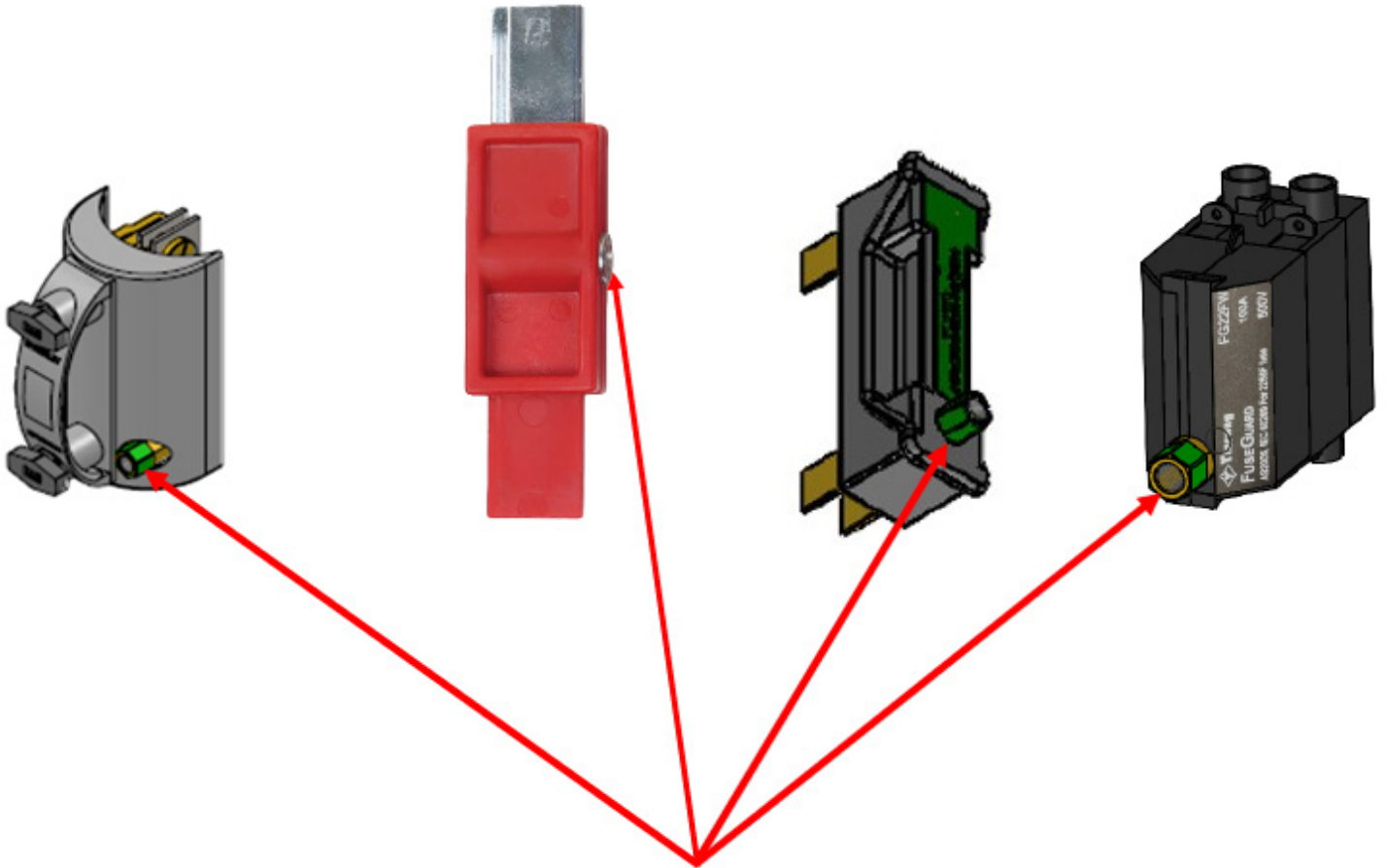
- Check Bonding Equipment is in good condition and in test. The Bonding Set may include Bonding Leads, Inserts and any Insulated Application Tools.
- Check LV Voltage Testers in good condition, in test and working. (Preferably use Contact Type Voltage Tester.)
- Check all Bonding Leads are disconnected from all Bonding Inserts.
- Remove all Fuses/Links as necessary to isolate the circuit to be Bonded.
- Test both sides of Fuse Base to determine which side is DE-ENERGISED using PROVE – TEST – PROVE method to ensure your tester is working correctly.
- If both sides of the Fuse base are Live DO NOT INSTALL THE BONDING INSERT.
- Once one side of the Fuse Base is proven DE-ENERGISED you can install the Bonding Insert with Lead Connection Point to DE-ENERGISED Side of Fuse Base.
- Test the Bonding Insert Lead Connection Point to prove the insert has been installed correctly and the Bonding Lead Connection Point is DE-ENERGISED.
- If the Bonding Lead Connection Point is live, the Bonding Insert may have been installed with the Bonding Lead Connection Point to the Live Side of the fuse base.
- If this happens remove the Bonding Insert, turn 180°, re-install and re-test to prove Bonding Lead Connection Point is DE-ENERGISED.
- DO NOT CONNECT ANY BONDING LEADS IF THE BONDING LEAD CONNECTION POINT IS LIVE.
- Once the Bonding Insert Lead Connection Point has been proven DE-ENERGISED the Bonding Leads can be connected, firstly making sure the Bonding Lead Tail Clamp is connected to Neutral/Earth Point before connecting to the Bonding Insert Lead Connection Points.
- Once all leads are connected a DO NOT OPERATE TAG should be attached to the Bonding Device.

J Type Bonding Insert

DIN Type Bonding Insert

Red Dot Bonding Insert

IPD Bonding Insert



BONDING LEAD CONNECTION POINTS. MUST TEST AT THIS POINT AND PROVE DE-ENERGISED BEFORE CONNECTING BONDING LEADS.

See below for the complete set of TransNet LV Underground Bonding Products covered by this User Guide

