

Termination Kits – Install Guide

Terminating Cable with Lug using NEPEAN Power Termination Kit Live Line Detection Fitted

1. Strip all black insulation back a distance of 35mm where the lug will be placed.



2. Add 2 x crimps and attach the lug.



3. Using tape, mark the cable 245mm from where black insulation and lug meet. Use a file to strip black outer sheath where marked by tape.



4. Remove tape used for marking distance. Use a heat gun and a box cutter to remove the 230mm of black outer semi-conductive sheath from cable (white insulation to remain).



Using a file, ensure black semi-conductive sheath is rounded and without sharp edges.

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5. Using tape, mark cable back a further 50mm from where the sheath and insulation meet.



6. Clean the white insulation using the alcohol-based electrical cleaning wipes provided in the termination kit. Once dry, apply silicone lubricant to top of insulation.



7. Place the cold shrink tube over the cable so that the end of the tube lines up with the tape used to mark 50mm. Ensure that the tube is placed in the correct direction (the end which has a wider diameter should be furthest from the lug) and that the plastic release “pull-strip” is fed through the tube and hanging out next to the lug. Hold in place and pull the plastic strip to release. The cold shrink tube should shrink tight against cable.



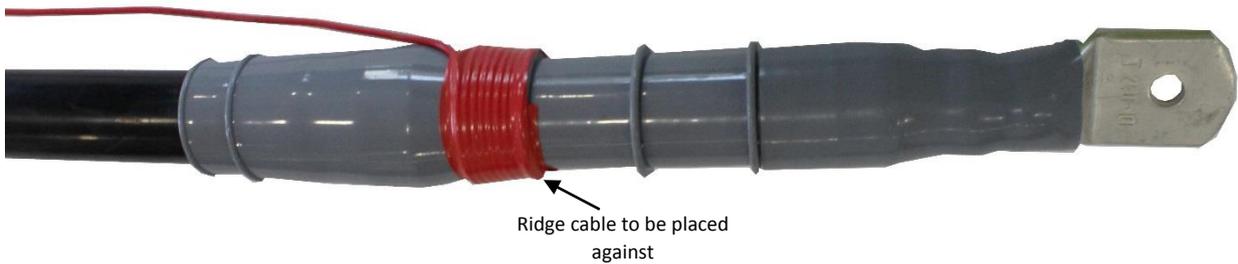
8. Add self adhesive tape (from kit – wrapped in yellow paper) to the end where the insulation and lug meets.



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9. Place the second cold shrink tube (no ridges) over where the self adhesive tape has been placed. To place accurately, the end of the tube should sit against the ridge closest to the lug of the already applied cold shrink tube (see below).



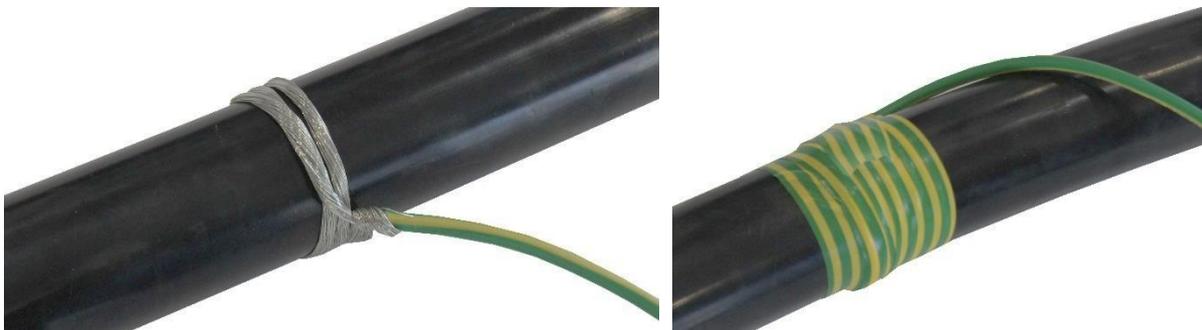
10. Place 0.5mm neon cable against the left of the first ridge and tape down. Moving from right to left, make 8 spirals and completely cover with tape to firmly hold in place.



11. Secure neon wire with heat shrink.



12. Strip back earth wire approximately 400mm to allow 3 complete rotations around the cable. Twist off and secure around cable and then tape down with earth tape.



13. Secure earth wire with heat shrink.



Terminating Cable with Thimble using NEPEAN Power Termination Kit No Provision for Live Line Detection

Note: photos may show lug instead of thimble. Follow procedure as per the below steps.

1. Strip all black insulation back a distance of 35mm.



2. Using tape, mark cable 185mm from where black insulation has been stripped. Use a file to strip black outer sheath where marked by tape.

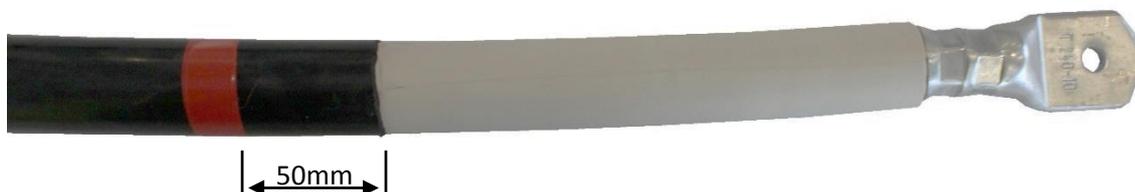


Using a file, ensure black semi-conductive sheath is rounded and without sharp edges.

3. Remove tape used for marking distance. Use a heat gun and a box cutter to remove the 185mm of black outer semi-conductive sheath from cable (white insulation to remain).



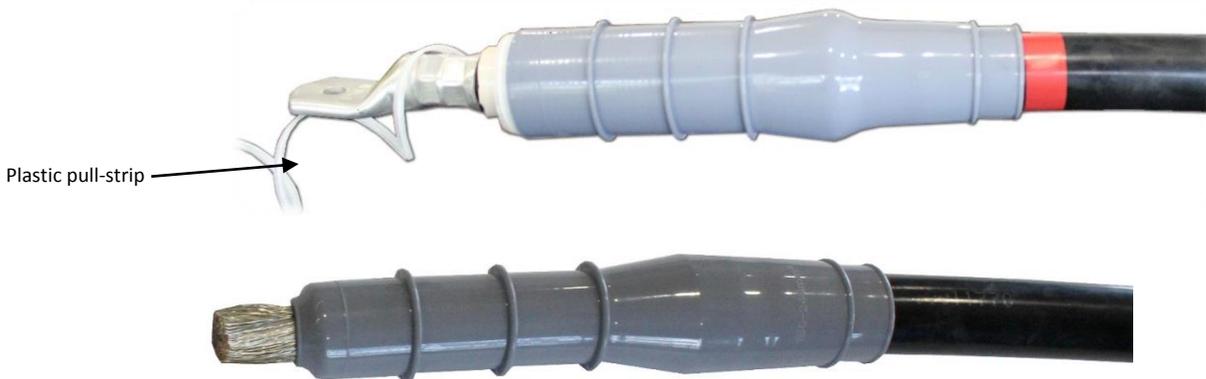
4. Using tape, mark cable back a further 50mm from where the sheath and insulation meet.



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- Clean the white insulation using the alcohol based electrical cleaning wipes provided in the termination kit. Once dry, apply silicone lubricant to top of insulation.



- Place the cold shrink tube over the cable so that the end of the tube lines up with the tape used to mark 50mm. Ensure that the tube is placed in the correct direction (the end which has a wider diameter should be furthest from the stripped cable) and that the plastic release "pull-strip" is fed through the tube and hanging out next to the stripped end of the cable. Hold in place and pull the plastic strip to release. The cold shrink tube should shrink tight against cable.



- Attach thimble.



- Strip back 2.5mm earth wire approximately 30mm and attach to cable, tape down using earth tape and secure with heat shrink.

