JTS1...W-CS SINGLE CORE HEATSHRINKABLE STRAIGHT THROUGHT JOINT INSTALLATION INSTRUCTION IM2219I

TYPE OF CABLE: SECTION: TYPE OF SCREEN: VOLTAGE:

Solid insulation (XLPE-HEPR) up to 1600 mm² Cu/Al Copper wires Umax 24 kV

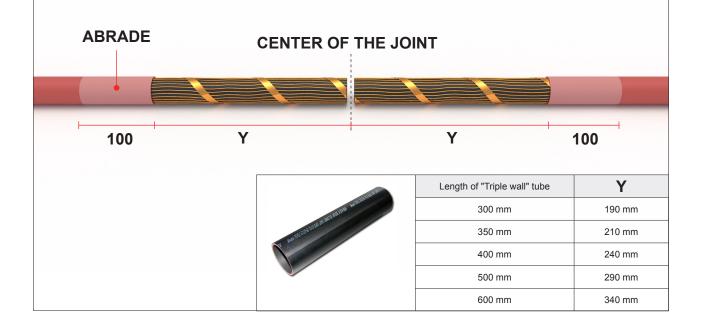




Remove the outer sheath for a distance " \mathbf{Y} " as listed in the table.

2.2

Abrade the outer sheath on both cables for a distance of 100 mm. Clean the abraded area.





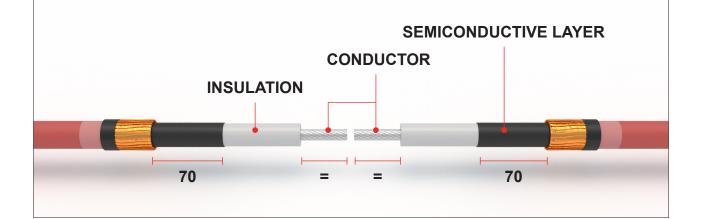
Fold back the screen wires over the adhesive copper tape and fix them with pvc tape.

2.5

Remove the semiconductive layer up to a distance of 70 mm from the sheath cut. Take care not to damage the insulation.

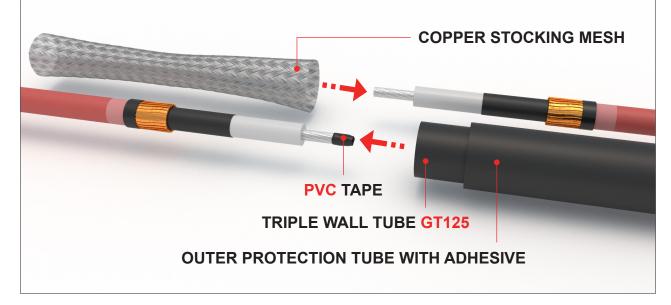
2.6

Bare the conductor for a length of inside depth of the connector for mechanical types or, in case of compression ones, for a length of inside depth of the connector + 5 mm. Clean and degrease the conductor.





As a protection, wrap few turns of adhesive tape around the conductor end. Slide all the heat shrinkable tubes onto the cable on one side of the joint and the copper stocking mesh on the other side.



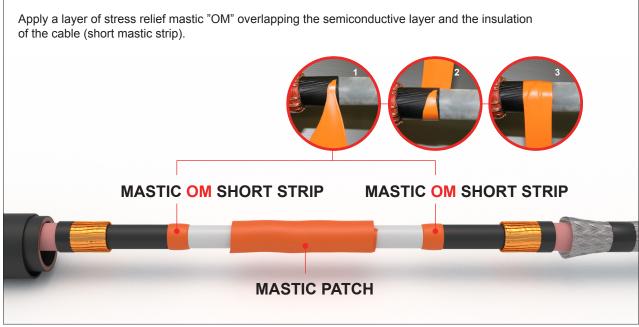
3.1

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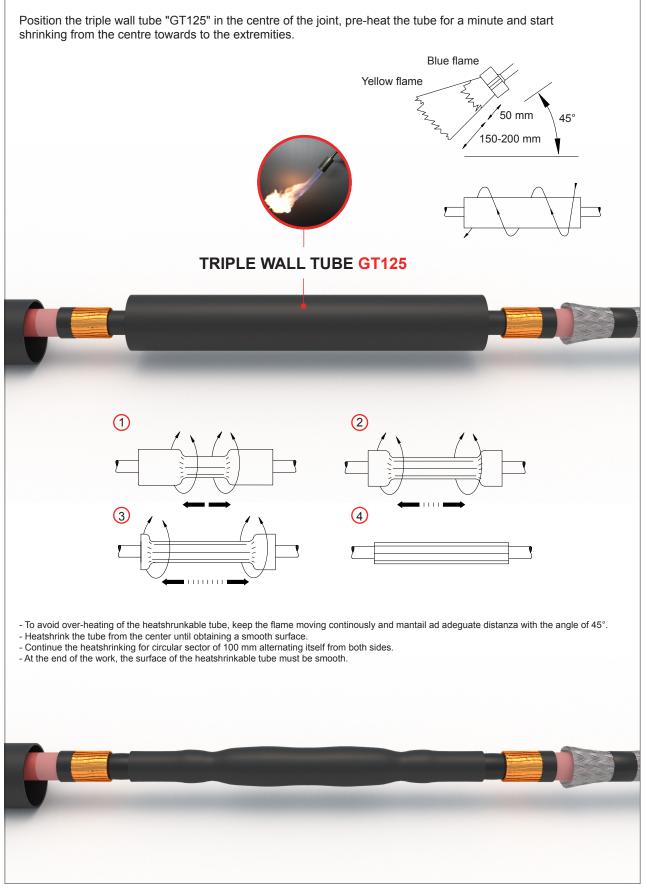
Wrap the mastic patch around the connector area, centering the patch over the connector with equal distance at both sides.



3.3







Slide and position the copper stocking mesh starting and ending 40 mm over the copper wires screen. Fix the stocking mesh to the copper wires screen with the constant roll force springs. Apply some pvc tape over the constant roll force springs.



3.6

Fold back the stocking mesh exceeding towards the centre of the joint. Apply some pvc tape over the edge of stocking mesh.

4.1

Clean the abraded area of the outer sheath.

4.2

Apply a layer of sealing mastic "NGAF," to the ends of the cable sheath. Starting over the constant force spring and extending onto the cable sheath.







The joint is complete. Allow to cool before moving.



Adjust torch to give a soft blue flame with yellow tip. Heatshrink tubes uniformly avoiding wrinkles along the surface. Keep the flame moving continuously and maintain adequate distance to avoid over heating.

This product should be installed by competent personnel familiar with electrical equipment and safe operating practices. Parts contained in this kit should be visually inspected for possible damage, and installed in accordance with these instructions. These instructions are not intended as a substitute for adequate training and experience.



Please dispose of all waste according to environmental regulations.

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The company reserves the right to alter without notice the information contained in this installation manual.

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