# JTS1...W-CS

SINGLE CORE HEATSHRINKABLE STRAIGHT THROUGHT JOINT INSTALLATION INSTRUCTION IM22191

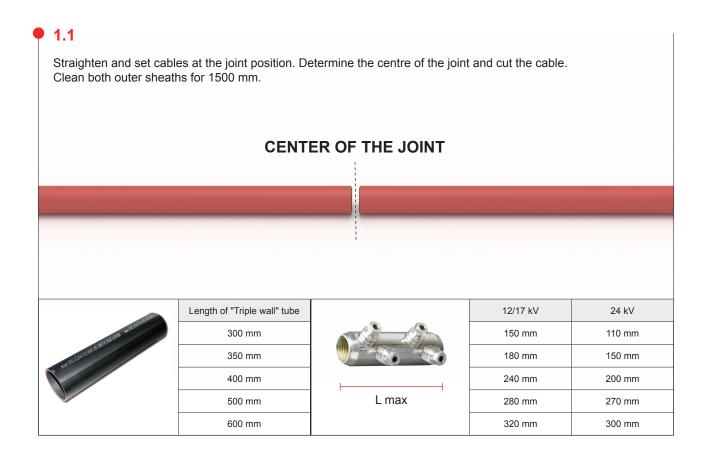
TYPE OF CABLE: Solid insulation (XLPE-HEPR)

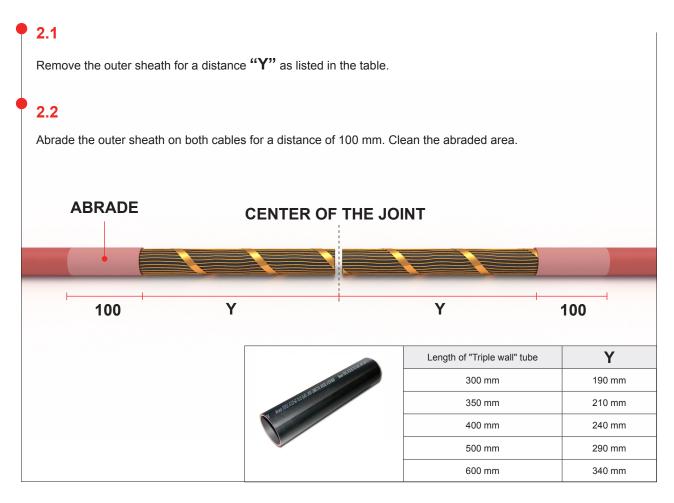
SECTION: up to 1600 mm² Cu/Al

TYPE OF SCREEN: Copper wires

VOLTAGE: Umax 24 kV









### 2.4

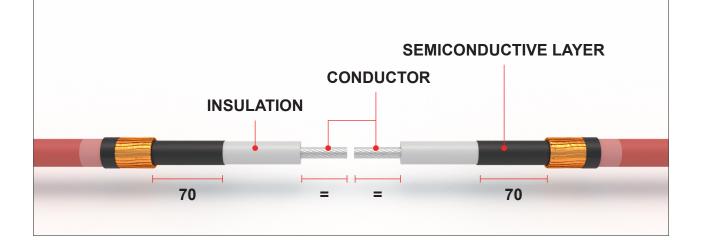
Fold back the screen wires over the adhesive copper tape and fix them with pvc tape.

### 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

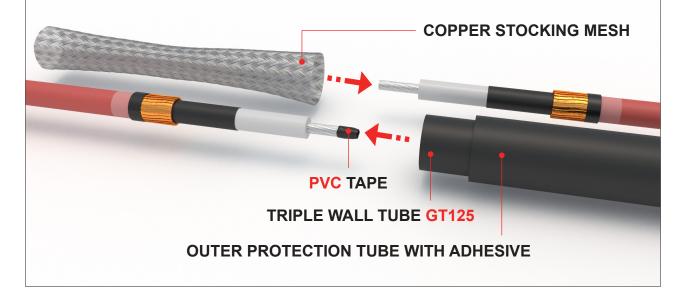
Bare the conductor for a length of inside depth of the connector for mechanical types or, in case of compression ones, for a length of inside depth of the connector + 5 mm. Clean and degrease the conductor.





### 2.7

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

Install the connector onto the cable cores as per the manufacturer's instructions

If using hexagonal compression connectors ensure that any sharp edges and flashing are removed from the connector with a file or abrasive cloth.

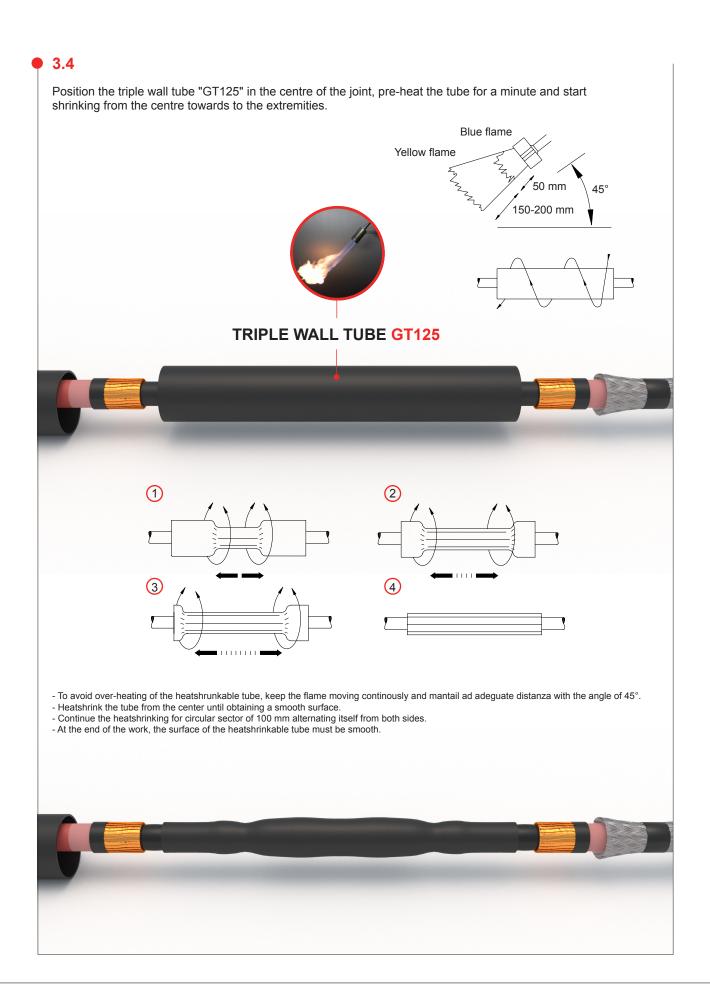
If using mechanical connectors make sure any indents left after shearing the bolts are filled with "CLAY" mastic mas.

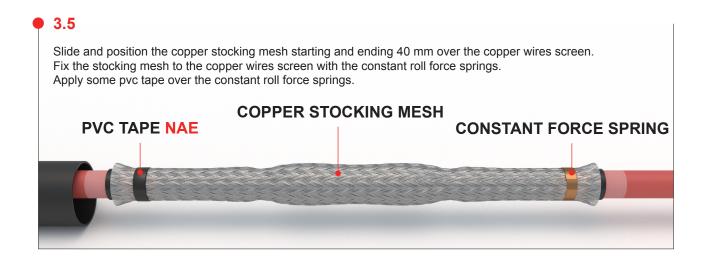


# 3.2 Wrap the mastic patch around the connector area, centering the patch over the connector with equal distance at both sides. MASTIC PATCH

















## 4.4

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.

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

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