ALN(W)-15-□/□ Silicon rubber cold-shrinkable termination

1.Breif introduction

1.1 AMPLE silicon rubber cold-shrinkable outdoor and indoor termination rated current is 630A,rated voltage is 15KV,matched with 8.7/15 KV XLPE cable.

1.2 Suitable for conductor cross section of 25-400mm².

2.Working envirement

Envirement temperature:-40℃~+60℃,long time working temperature,overheat temp.,circuit temp. all need to meet with the requirement of the matched XLPE cable.

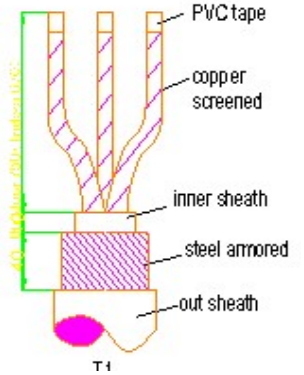
3.Product structure

The product is made of special cold-shrink rubberan inject to model,Resistance to the mark and strong corrosion resistance,electrical performance well,and easy to install and safety,applicable widely.

Installation instructure

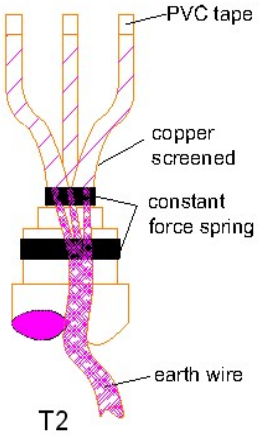
1.Stripping the out sheath,steel armored and inner sheath.

1.1 (**figure one**) Outdoor termination for 750mm (indoor for 670mm),keep 40mm of the steel armored and use the plastic tape to bind and tight it,then burnish and wipe off the paint;keep 10mm of the inner sheath,use the PVC tape to wrap port of each phase copper screened layer and steel armored,then wipe off the filler and bind tape.



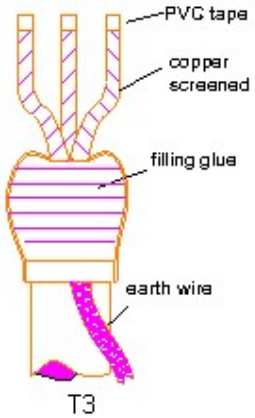
2.Fixed the earth wire,and wrap the filling glue.

2.1(**figure two,figure three**) Use the constant force spring to fixed one top of the 25mm² earth wire(about 300mm) on the three-phase screened copper(try to near the end).And use another constant force spring to fix the earth wire on the steel armored,and wrap enough filling glue to together theconstant force spring, trigeminal position and thesteel armored on the 30mm end of the out sheath,wrap a layer of PVC tape on the outside.If use twoearth wire,screecedcopper layer use 25mm² earth wire and the steel armored use 16mm² earth wire to fixed.(In order to near the earth wire,must keepabout 20mm on the top,and use the constant force spring to wrap around onecircle, and reflexed back,wrapped with the spring again,but between the two earth wire must do insulation)



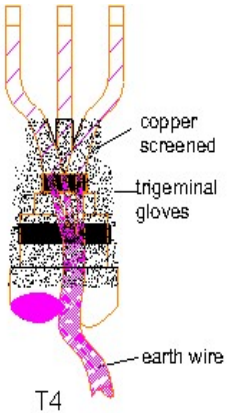
3.Install the cold-shrink trigeminal gloves

3.1(**figure four**) Set the cold-shrink trigeminal gloves into the end of cable,cleaning the surface of out sheath ,and then wrap a layer of sealant,and clamped the earth wire,remove the plastic supporting bar and make the trageminal gloves shrink,and encase the sealant.And then use stick and PVC tape to seaied the big port for each.



4.Install cold-shrink insulating tube

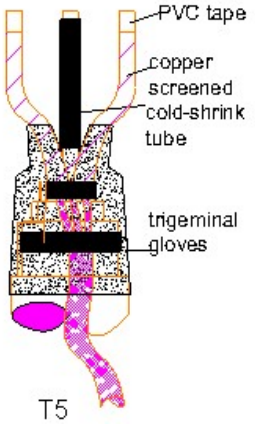
4.1(**figure five**) Towards the tap top of the cold-shrink insulating tube out and each set into three-phase cable core,at first make the end port of the insulating tube shrink to the end of small fingle about the trigeminal gloves,then remove the plastic supporting bar make the cold-shrink tube tighten.



T4

5.Striping each phase cable core

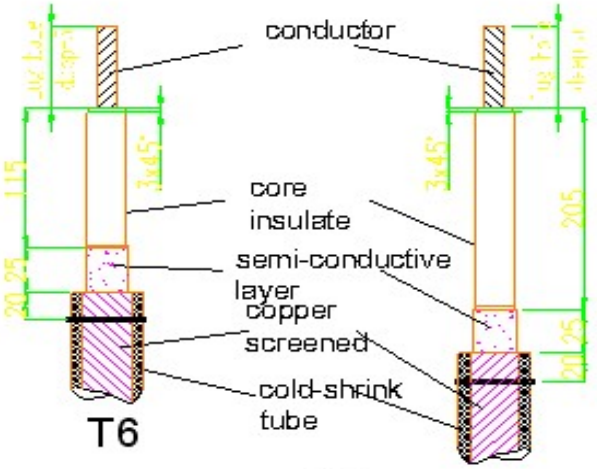
5.1 (**figure six**) Indoor termination stripping as the left figure and outdoor as right figure,use annulus method to process when cut the port of the cold-shrink insulate tube,avoid to leave any slag,and prohibit longitudinal way to cut!Strip the screened copper,don't leave any burr or damage the out semi-conductivelayer.Don't scratch the core insulate layer when cut out semi-conductivelayer,make it's port leveled and do 3mm width sectional processing.Make the port vertical when cut core insulate,and do 1*45 º chamfering.When finished all the stripping,wrap the PVC tape at the top of each wire core to protect it ,and clean the surface of core insulate and the other parts,then grease a layer silicon on the surface.



T5

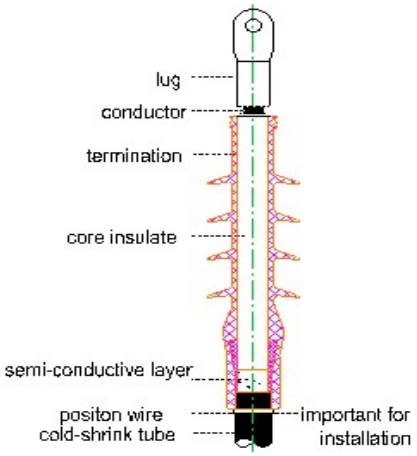
6.Install the cold-shrink termination

6.1(**figure six**) Measure and mark the installation position of termination tube on the cold-shrink insulating tube from the port of the out semi-conductive layer down,outdoor and indoor termination each take length 45mm,and set the cold-shrink terminaiton into cable core, aligned it's end port with the installation position line and shrinkable.



T6

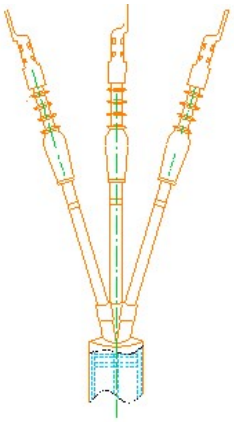
T6.1



T6.2

7.Pressure line nose and install the color phase tape

7.1(**figure seven**) Remove the PVC tape of the three phase wire core,set the wire nose into wire core,and use the pressure clamp to compress it tightly.At the end top of the wire nose use bonded tape and PVC tape to seaied,at last,use phase tape to seaied the end port of termination,and mark the phase sequence of the cable core,and here finished the installation of the termination.


T7

finished visual for termination