

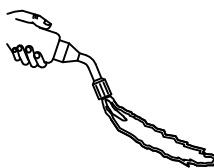
INSTALLATION INSTRUCTION

IMPORTANT:

Adjust torch to give a soft blue flame with yellow tip.

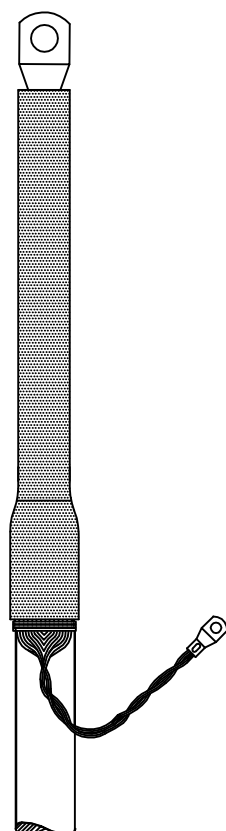
Heatshrink tubes uniformly avoiding wrinkles along the surface.

Keep the flame moving continuously and maintain adequate distance to avoid over heating.

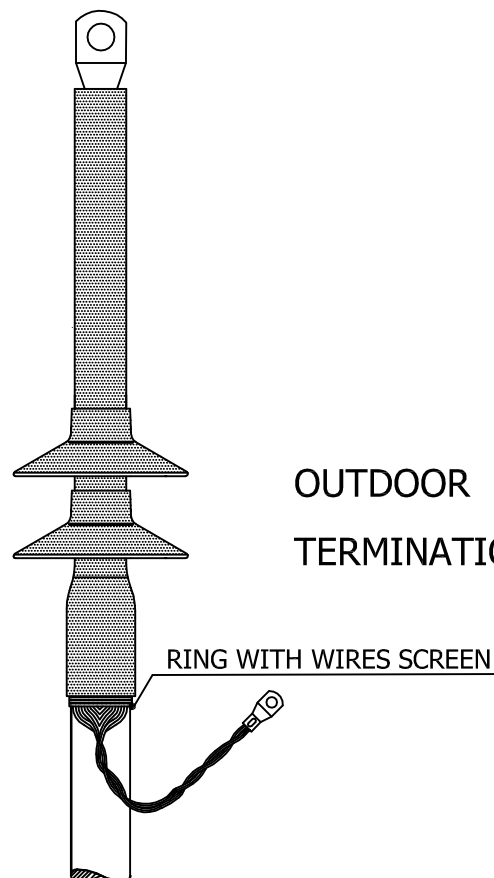


This product should be installed by competent personnel familiar with electrical equipment and safe operating practices. Parts contained in this kit should be visually inspected for possible damage and installed in accordance with these instructions. These instructions are not intended as a substitute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

INDOOR
TERMINATION



OUTDOOR
TERMINATION



type	denomination
12MONO I/E ...	INDOOR / OUTDOOR SINGLE CORE HEATSHRINKABLE TERMINATION

TYPE OF CABLE:	Solid insulation (XLPE-HEPR)
SECTION:	16 ÷ 1000 mm ² Cu/Al
TYPE OF SCREEN:	Copper wires
VOLTAGE:	Max 12 kV



The company reserves the right to alter or modify the information in this document at any time in the light of technical or any other developments.



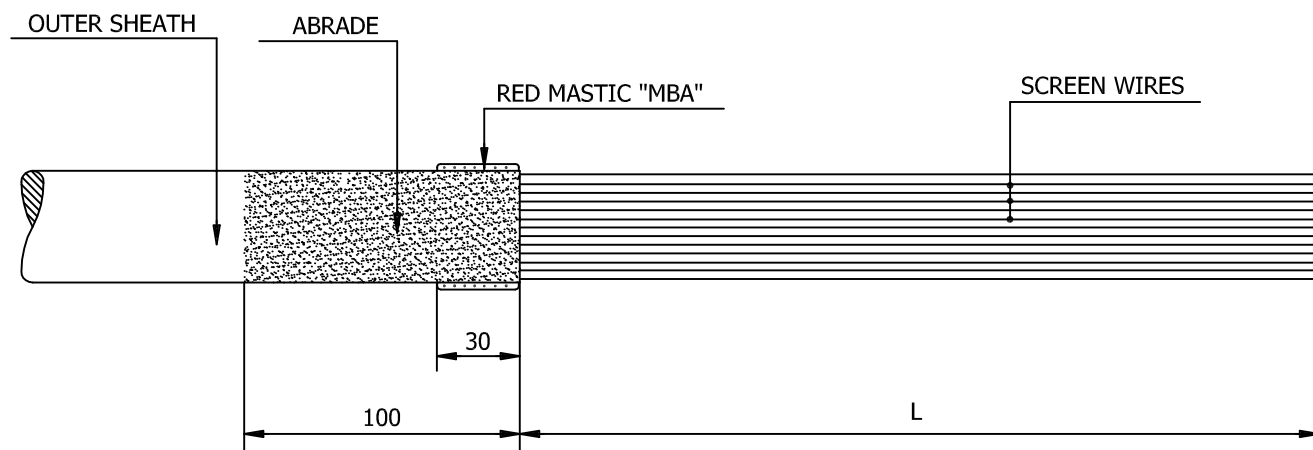
**THORNE &
DERRICK
INTERNATIONAL**

Thorne & Derrick
+44 (0) 191 410 4292
www.powerandcables.com

approved by
M. Fucello

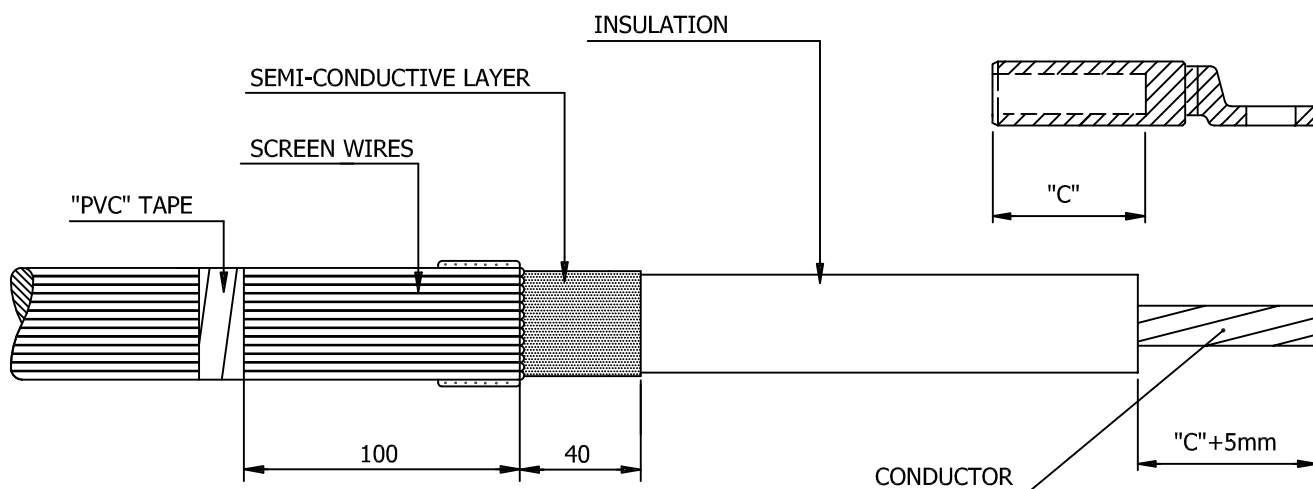
IM1778DI.1

1. CABLE PREPARATION (COPPER WIRES SCREEN)

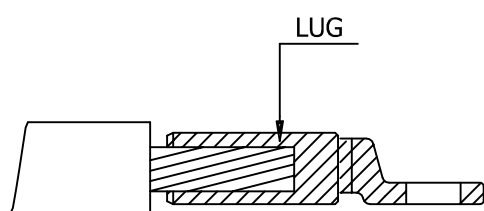


TYPE	INDOOR (95mm ²)	OUTDOOR (95mm ²)	INDOOR (240mm ²)	OUTDOOR (240mm ²)	INDOOR (400mm ²)	OUTDOOR (400mm ²)	INDOOR (630mm ²)	OUTDOOR (630mm ²)	INDOOR (1000mm ²)	OUTDOOR (1000mm ²)
VOLTAGE U ₀ /U (kV)	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10	6/10
L (mm)	240	370	240	370	270	390	290	420	290	420

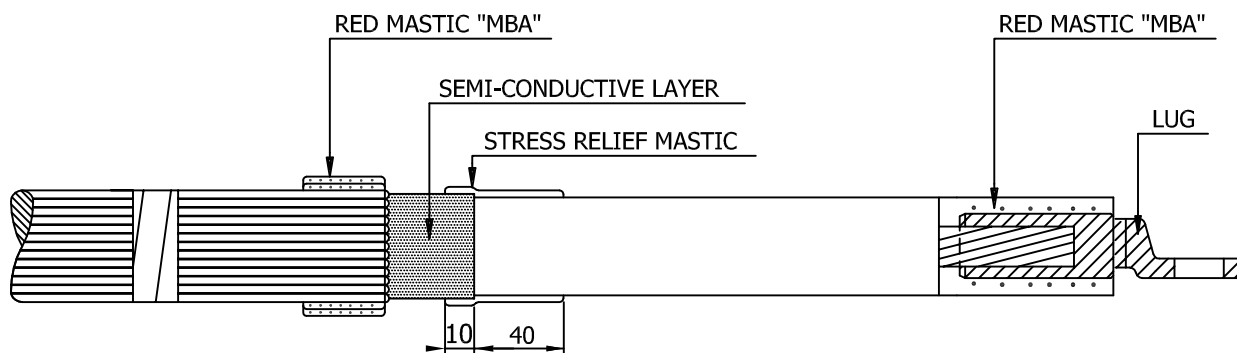
- 1.1 Prepare the cable and cut the exceeding length.
- 1.2 Remove the outer sheath for the length "L" (SEE TABLE).
Abrade the outer sheath for 100mm and clean.
- 1.3 Apply a layer (20% overlap) of red mastic "MBA" for 30mm length from cut outer sheath as shown in the picture.
Take half of one piece of "MBA" patch.



- 1.4 Fold back the copper screen wires and fix them at 100mm from cut sheath with "PVC" tape.
- 1.5 Remove the semi-conductive layer leaving 40mm out of the outer sheath taking care not to damage the insulation.
- 1.6 Bare the conductor for the length "C" + 5mm. ("C"= inside depth of lug).



- 1.7 Position the lug and crimp it OR break the screws in case of bolted type.
Fill the cavities with red mastic "MBA".

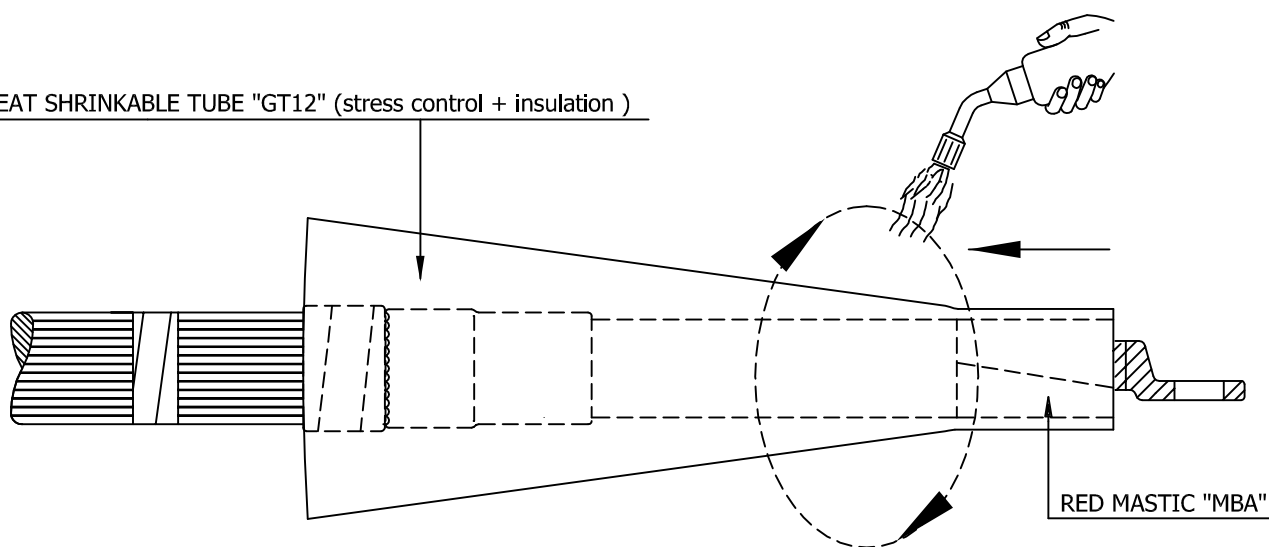


1.8 Apply a layer of red mastic "MBA" over the screen wires covering the previous layer of "MBA" tape.
Use the remaining half of one piece of "MBA" patch used in the previous layer.

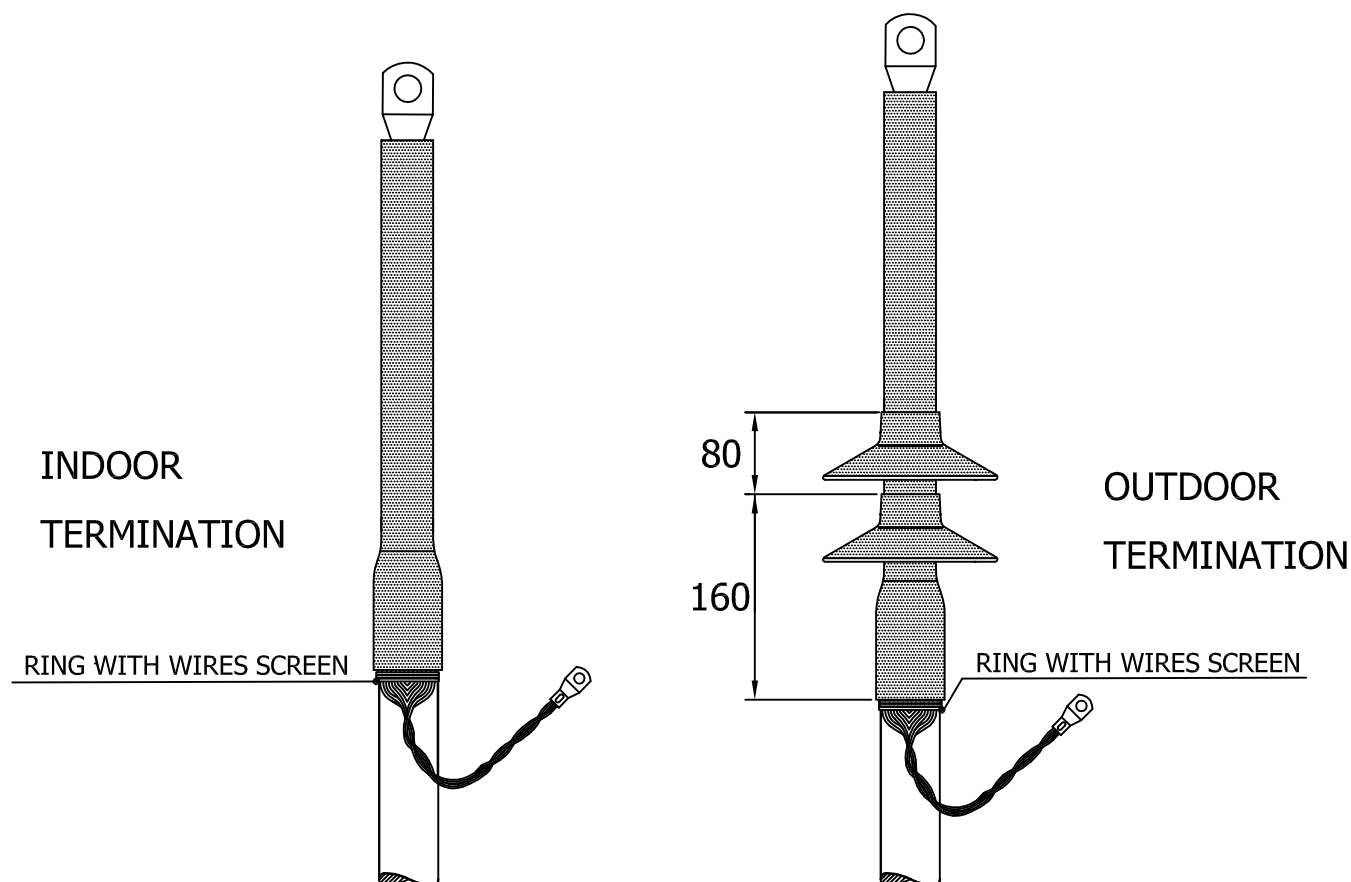
1.9 Apply one layer of stress relief mastic covering the semi-conductive layer for 10mm
and the cable insulation for 40mm. (Lightly stretching it, 50% overlap).

1.10 Apply the red mastic patch "MBA" around the lug barrel.

HEAT SHRINKABLE TUBE "GT12" (stress control + insulation)



1.11 Slide the red tube "GT12" (Stress control + insulation) till the TOP edge of red mastic "MBA" applied
over the cable lug and start heatshrinking from the top downwards.



- 1.12 Remove the PVC tape previously applied on the screen wires and split them into two parts; wrap the wires at the bottom of shrunk tube (one round) . making a ring. Twist the screen wires, cut straight and crimp OR screw the grounding lug.

INDOOR TERMINATION IS FINISHED

- 1.13 Slide the first antitracking shed at 160mm from the bottom edge of shrunk tube and heatshrink. Slide the remaining shed and heatshrink. Different number of sheds and tail lengths available upon request.

THE TERMINATIONS ARE READY TO BE ENERGIZED