DESIterm end termination for 1-core XLPE cables

12-17,5 kV type EMI17A1 & EMI17B1 - indoor

12-17,5 kV type EMU17A1 & EMU17B1 - outdoor



Member of DEHN group

ASSEMBLING INSTRUCTIONS

Important!

Installation is only allowed for skilled personnel with the necessary education and knowledge of relevant safety instructions. Read through instructions before starting the installation. Use only approved dedicated special tools for removal of cable sheath, easy-strip layer and XLPE insulation.

Avoid excess use of liquid cleansers.

1-core cable with screen wires

 Remove cable sheath on 320 mm + optional overlength for connection of screen wires.

2) Remove the screen Cu-foil at the edge of the cable sheath - avoid any sharp edges.

3) Apply one turn of red sealing mastic around the cable sheath without overlapping, see dimensions in fig. 1.

Bend the screen wires backwards, fasten them with tape and apply another turn of red sealing mastic upon the screen wires.

Go to paragraph 4) below

1-core cable with Cu-foil screen

1) Remove the cable sheath on 320 mm. From the edge of the cable sheath, a piece of Cu-band or mesh is attached to the Cu-foil with a roll spring. The Cu-band or mesh is soldered as indicated in fig. 1A in order to seal against ingress of moist.

2) Remove the Cu-foil screen to 20 mm from the edge of the cable sheath. Sharp edges from the Cu-foil or mesh can be wrapped with conductive tape.

3) The Cu-band or mesh is bent backwards along the cable sheath and fixed with approximately 3 turns of Cu-wire. Apply 2 turns of red sealing mastic upon the soldered area in order to avoid moist ingress.

Go to paragraph) 4 below





