



NKT Fluid-filled MV/HV Cable Accessories

Joints and terminations for pressurised oil and gas cables up to 170 kV

DS0043 R3 NKT Fluid-filled MV/HV Cable Accessories 10/2024





Our brand partner, NKT is a world leader in the specialised field of MV / HV fluid-filled cable accessories.

Through their in-house expertise, supplemented over the years by acquisitions such as CCC and Ericsson Power Cables, NKT has built an unparalleled reputation in the design, manufacture and application engineering of joints and terminations for gas and oil-filled sub-transmission and transmission cables.

To support network asset managers, engineers and operators, NKT has developed unique expertise in the installation and servicing of fluid-filled cable accessories, as

well as measuring and testing, training, on-site auditing, documentation and archiving.

In Australasia, NKT maintains a team of highly qualified and globally experienced cable jointers licenced up to 400kV on both fluid-filled and XLPE cable systems. Activities include:

-  Installation of joints, terminations, optical fibres and oil pressure equipment
-  Oil filling and pressurising
-  Monitoring systems and leak detection
-  Turnkey solutions

An extensive reference list is available on request.

Product Information

Accessory type	Maximum voltage kV	Maximum cable size mm ²
Outdoor terminations	145	1200
GIS and transformer terminations		800
Single core through joint	170	1200
Three core straight through joint	145	630
Single core stop joint	145	800
Three core transition joint	170	Oil: 1200 XLPE: 2500
Single core transition joint		
Trifurcating box	-	-

NKT 33 kV sub-transmission transition joints

Installation in New Zealand



XLPE cable end



Oil cable end



Notes

Other cross sections may be available on request

Other literature available on request

Reports, drawings, technical data sheets, installation instructions, O&M guidelines

