

Mounting steps



1 Cable prepared, cold shrink joint body and outer sheath tube positioned on parking position, shear bolt connector mounted



2 Apply alu-foil pad over shear bolt connector



3 Cold shrink joint body in position, easy shrinking by removing the spiral support body.



4 Apply sealing tape



5 Shield connection



6 Finishing with outer sheath

Nordenham:
NKT GmbH
Helgoländer Damm 75 B
26954 Nordenham
Germany

Tel: +49 4731 364-1

Berlin:
NKT GmbH & Co. KG
Tempelhofer Weg 39/41
10829 Berlin
Germany

Tel: +49 30 600 09-0

Alingsås:
NKT HV Cables AB
Postal address: Box 582
Visiting address:
Sävelundsgatan 2
441 16 Alingsås
Sweden

Tel: +46 322 774 00

Brisbane:
NKT Pty Ltd
12/191 Hedley Ave
Hendra QLD 4011
Australia

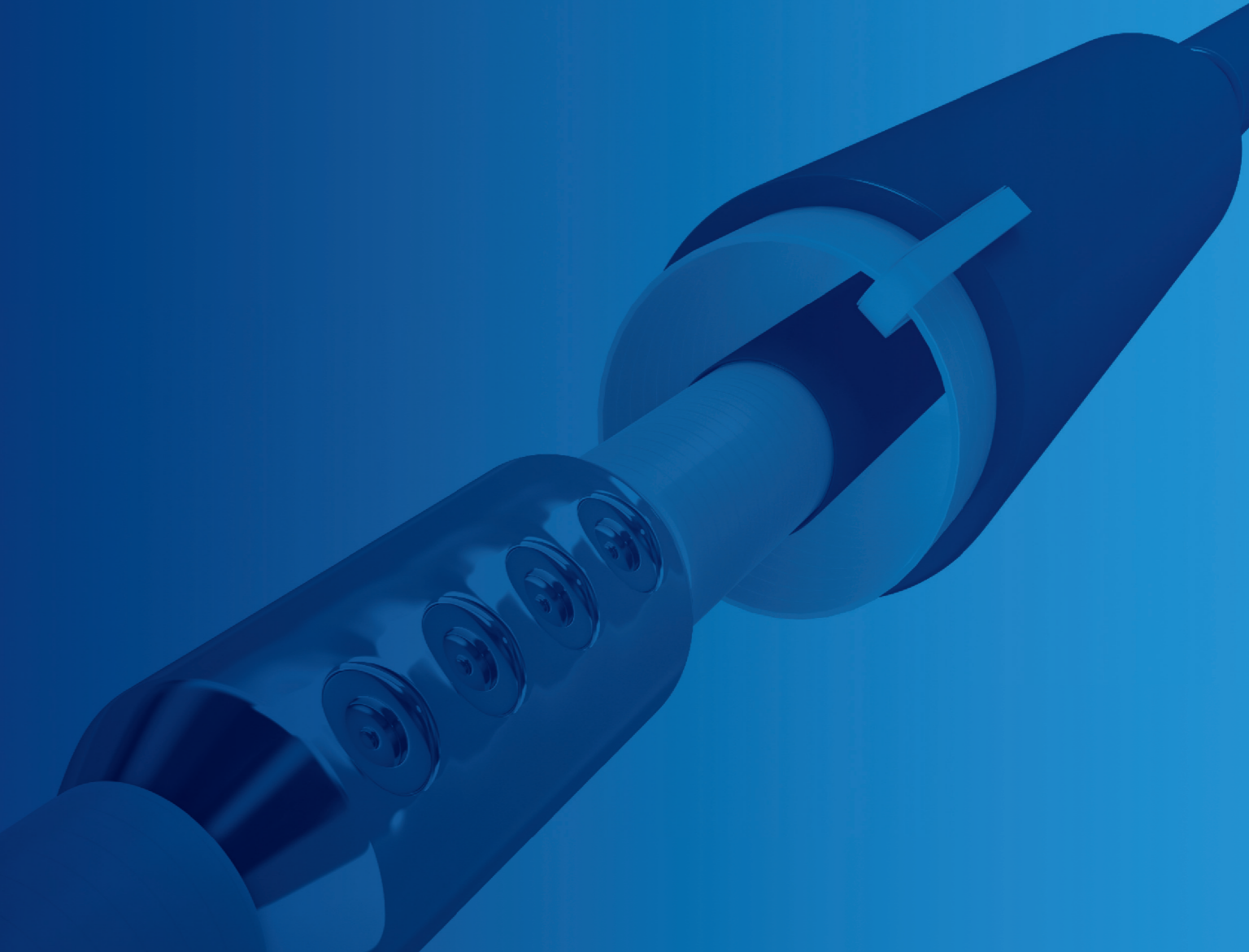
Melbourne:
14 Stirling Crescent
Surrey Hills VIC 3127
Australia

Tel: +61 7 3868 2325

accessories@nkt.com

nkt.com

NKT



Always a fast
connection.
Cold-shrink joint type JC
from 12 kV to 42 kV.



NKT is signatory of the Europacable
Industry Charter: A commitment
towards superior quality.

FLYenBB171101web The NKT logo is a registered trademark of NKT Group A/S. ©2017 NKT Group A/S. All rights reserved.

nkt.com



Perfectly configured –

With the appropriate components.

All components of our cold-shrink joints are designed for simple and safe installation. The silicone premoulded joint body with integrated geometrical field control elements exerts a uniform and constant pressure on the connecting element and the peeled cable and hence ensures long-term operational availability.

The advantages of these flexible materials are combined with those of two long-life outer sheath

variants. They both reliably prevent the penetration of moisture and ensure safe mechanical protection.

If a completely cold installation is required, the EPDM outer sheath can be selected. Alternatively and also available, the robust heat shrink outer sheath can be chosen for providing additional mechanical protection.

Our ambition –

Always meet the highest requirements.

In the field of energy transmission systems, the chronicle of NKT is characterized by pioneering and groundbreaking innovations. The requirements of the customers take always the first place. Thanks to high-quality product solutions and customer-oriented service offers, NKT is the internationally established market partner for

energy supply companies, wind farms, industrial customers, wholesalers and electrical installers.

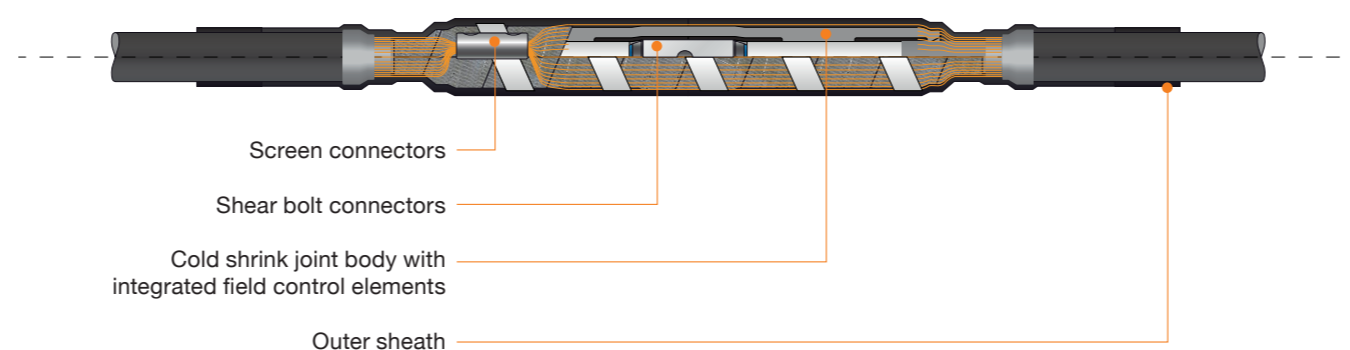
Easy to assemble and save to operate –

The NKT cold-shrink joints technology.

With our cold shrink joints you will always find the tailor-made (adequate?) solution for your requirements. The cold shrink joint provides noticeable cost benefits; the cross sections range taking joint allow a reduction of the storage cost and a faster network availability.

By on-site installation the patented spiral support body permits an uncomplicated safe and reliable assembly. Additional to the JC joint, you have access to the NKT big range of cold-applied technology products.

Build-up cold shrink joint type JC:



The advantages of the cold-shrink joint body:

- The elastic silicone rubber ensures a uniform and constant contact pressure, even in the case of strong network workload or high fluctuations
- Patented spiral support body technology facilitates easy handling and prevents strip tearing during assembly as well as possible injuries due to sharp edges
- Premoulded joint body with integrated geometrical field control elements

Your benefits:

- Range taking applications
- Reduction of storage
- Quick and convenient installation by easy removal of the new patented spiral support body
- Fast network availability after installation
- No need of special tools
- Premoulded joint body with integrated geometric field control elements
- Independent from system frequency
- Insensitive to high frequency voltages (harmonic content)

The product specifications of cold-shrink connection sleeves type JC:

- Premoulded silicone sleeve body with integrated geometrical field control elements
- Patented NKT support spiral body for easy assembly
- After installation uniform insulation wall thickness and permanent elastic pressure
- Type test according to HD 629.1 / VDE 0278-629-1
- Range taking bolted connectors tested according to IEC 61-238-1

Gr.	Ø over conductor isolation	12 kV	24 kV	36/42 kV
	mm	mm ²	mm ²	mm ²
B	18.2 – 25.9	120 – 185	50 – 95	–
C	22.2 – 34.6	185 – 300	95 – 300	–
E	31.1 – 42.8	–	400	185 – 400
F	36.8 – 50.0	630	500 – 800	400 – 630
H	48.0 – 66.6	–	1000 – 1200	1000 – 1200

Take advantage of our comprehensive product and service portfolio:

- Individual advice during the planning phase
- Everything from a single source – simplified ordering processes through complete offers
- Personal instruction and product training to avoid assembly errors, training on request