



WINDLINK[®]

Power accessories for windenergy

WINDLINK® reliable power accessories for windturbines.

Nexans Power Accessories is the leading European specialised innovator, manufacturer and distributor of low, medium and high voltage accessories, mechanical connectors and cable lugs.

With NEXANS and EUROMOLD™ we are European market leader for medium and high voltage accessories. We provide a complete range of power accessories for energy distribution networks: pre-moulded EPDM rubber connectors and silicone terminations for cables, epoxy bushings for transformers and switchgear, a wide range of cold and heat shrinkable terminations and joints up to 170 kV as well as customized, rated jumper cables for medium voltage applications.

Under the brandname GPH™, the standard product range of compression or mechanical connectors and cable lugs for aluminium and copper conductors is available ex-stock. Thanks to our long experience of technical advance, Nexans is able to provide solutions for customers' challenges by designing and manufacturing special parts even in small quantities.

Low voltage

In our product portfolio we have a whole range of products for low voltage networks: terminations, straight and branch joints, gel or resin filled, heat or cold shrinkable.

Connection technology

Nexans manufactures ferrules and cable lugs to connect low, medium and high voltage power lines and cables. A wide range of crimping joints and lugs, mechanical connectors and cable lugs with shear-off-head bolts for connecting different conductor cross-sections of aluminium and copper cables is available.

Terminations

Terminations are used to connect polymeric insulated cables to equipment and for the outdoor terminating onto overhead lines or busbars. Indoor terminations are designed for indoor use in controlled environmental conditions and subject to light condensation. Outdoor terminations are designed for outdoor use and prolonged exposure to sunshine and other weather conditions.

Joints

Straight joints are designed for jointing screened polymeric cables to be laid in air or directly buried. These joints are fully screened and fully submersible.

Junction solutions

For offshore wind power parks, the Offshore Junction Cabinets and the Offshore Junction Frames are used as a connecting point for internal tower cables to external subsea array cables. OJC and OJF are part of our dedicated WINDLINK® offer.

Separable connectors

Separable connectors are designed to connect polymeric insulated cables to equipment such as transformers or switchgear. These products are suitable for indoor and outdoor use. The thick conductive EPDM jacket provides a total safe to touch screen which ensures safety for personnel.

Cable jumpers

Cable jumpers are prefabricated lengths of cable on which a separable connector or a termination is installed at each end.

Surge arresters

Surge arresters are designed to protect medium voltage components, including transformers, equipment, cable and accessories from high voltage surges caused by lightning and switching.

Equipment bushing

Equipment bushings are epoxy insulated parts for use in oil or gas insulated equipment, such as transformers, switchgear, capacitors...

High Voltage accessories up to 72.5 kV

Slip-on accessories for 72.5 kV wind applications: separable connectors to connect cable to switchgear or transformers, slip-on terminations to connect cable to equipment and for outdoor termination onto overhead lines or busbars, slip-on joints with mechanical connectors for jointing cables inside the wind park.



▶ **MECHANICAL CABLE LUG (C-SERIES)**

To connect low voltage cables to the generator.



▶ **MECHANICAL SPLIT BOLT CONNECTOR (SB-SERIES)**

To connect tower cables between tower segments.



▶ **ROLL-ON SLEEVE (RS-SERIES)**

To connect tower cables between tower segments.



▶ **MECHANICAL TRANSITION CONNECTOR (M-SERIES)**

To connect tower cables with different conductor cross-section and material.



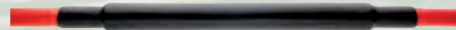
▶ **SLIP-ON TERMINATION (AIN & AFN)**

To connect loop or tower cables to the transformer.



▶ **HEAT SHRINKABLE JOINT (36GTS1)**

For jointing power cables inside the wind park.



▶ **MV WINDLINK CABLE JUMPER**

Custom made cable length with installed connectors and/or terminations.





▶ **SEPARABLE CONNECTOR (480TB)**

To connect tower cables to switchgear.



▶ **SEPARABLE CONNECTOR (484TB)
COUPLING CONNECTOR (804PB)**

To connect array cables to switchgear or connecting point.



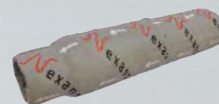
▶ **HEAT SHRINKABLE TERMINATION (TTGI1 & TTGI3)**

To connect standard MV cables to switchgear or transformer.



▶ **COLD SHRINKABLE JOINT (24CSJ-S)**

For jointing power cables inside the wind park.



▶ **JUNCTION BOX (400J4/M)**

To interconnect different sections and change cable type.



▶ **OFFSHORE JUNCTION CABINET (OJC)**

Disconnecting point for internal tower cables to external subsea array cables.





▶ **SEPARABLE CONNECTOR (158LR)**

To connect generator cables to generator or transformer.



▶ **SURGE ARRESTER (800SA)**

To protect switchgear or transformer.



▶ **EQUIPMENT BUSHING (400AR-1)**

Interface for connector with transformer or generator.



▶ **SEPARABLE CONNECTOR (909TB)
COUPLING CONNECTOR (909PB)**

To connect cables to switchgear or transformer.



▶ **MECHANICAL CABLE LUG / CONNECTOR FOR LARGE CROSS-SECTIONS (C/M SERIES)**



▶ **SLIP-ON TERMINATION (AFN72)**

To connect cables to equipment and for outdoor terminating on overhead lines or busbars.



▶ **SLIP-ON JOINT (72 MSJ)**

Slip-on single core straight joint with mechanical connector. For jointing cables inside the wind park.



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