



WINDLINK[®]

Power accessories for windenergy

POWER CABLE ACCESSORIES

Nexans is the leading European specialised designer, manufacturer and distributor of prefabricated cable accessories for medium voltage energy distribution. Under its trade names Nexans and Euromold, it provides a complete range of accessories for underground cables: pre-moulded EPDM rubber connectors and silicone terminations for cables and epoxy bushings for transformers and switchgear, as well as a large range of cold and heat shrinkable terminations and joints from 12 to 42 kV.

Under the name GPH, a wide range of crimping connectors and lugs, mechanical connectors and lugs for aluminium and copper cables is ex-stock available. Thanks to our long experience, we can provide solutions for customer problems by designing and manufacturing special parts even in small quantities.



Separable connectors

Separable connectors are designed to connect polymeric insulated cable to equipment such as transformers, switchgear, motors... 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 on each end.

Surge arresters

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

Terminations

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

Equipment bushing

Equipment bushings are moulded epoxy insulated parts for use in equipment insulated with oil fluid or gas, typically for transformers, switch gear, capacitors...

Joints

Straight joints are designed for jointing screened polymeric cable to be laid in air or directly buried. The product is fully screened and fully submersible. Transition joints are used to joint single and three core paper cables to three single core polymeric cables.

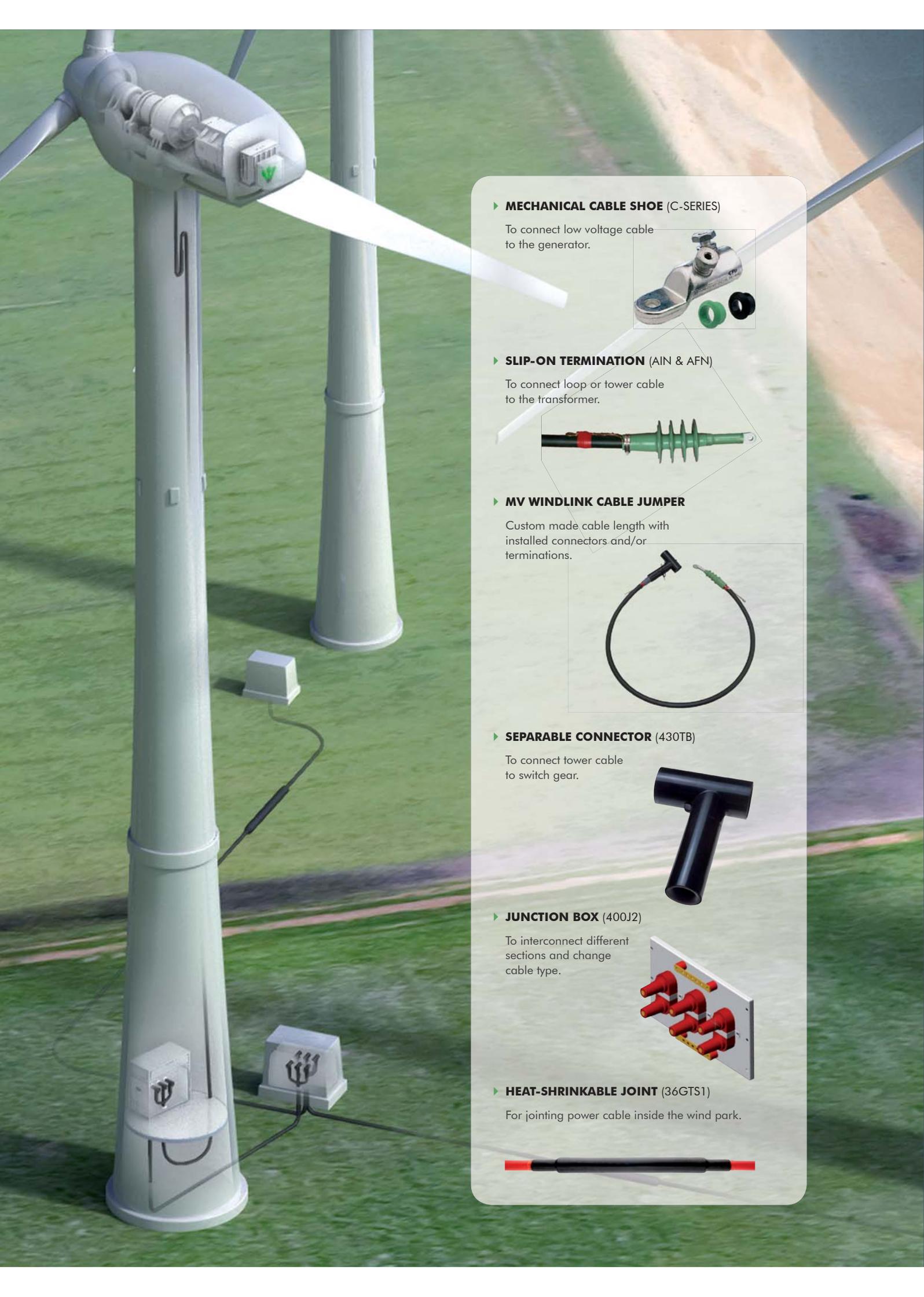
Ferrules and lugs

Nexans is also a manufacturer of ferrules and lugs to connect low and medium voltage power lines and cables. A wide range of crimping connectors and lugs, mechanical connectors and lugs for aluminium and copper cables are available.

Low voltage

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





▶ **MECHANICAL CABLE SHOE (C-SERIES)**

To connect low voltage cable to the generator.



▶ **SLIP-ON TERMINATION (AIN & AFN)**

To connect loop or tower cable to the transformer.



▶ **MV WINDLINK CABLE JUMPER**

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



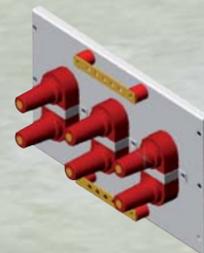
▶ **SEPARABLE CONNECTOR (430TB)**

To connect tower cable to switch gear.



▶ **JUNCTION BOX (400J2)**

To interconnect different sections and change cable type.



▶ **HEAT-SHRINKABLE JOINT (36GTS1)**

For jointing power cable inside the wind park.





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

To connect tower cable between tower segments.



▶ **ROLL-ON SLEEVE (RS-SERIES)**

To connect tower cable between tower segments.



▶ **BIMETALLIC CABLE SHOE (ALU-K-M)**

To connect low voltage cable to the transformer.



▶ **SEPARABLE CONNECTOR (484TB)**

To connect transformer to switch gear.



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

To connect standard MV cable to switchgear or transformer.



▶ **COLD-SHRINKABLE JOINT (24CSJ-S)**

For jointing power cable inside the wind park.





▶ **SEPARABLE CONNECTOR (158LR)**

To connect generator cable to generator or transformer.



▶ **EQUIPMENT BUSHING (180AR-1)**

Interface for connector with transformer or generator.



▶ **COLD-SHRINKABLE TERMINATION (ITK)**

To connect standard MV cable to switchgear or transformer.



▶ **CABLE JUMPER (CJ)**

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



▶ **SURGE ARRESTER (800SA)**

To protect switchgear or transformer.



▶ **JUNCTION CHAMBER (OJC1)**

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



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