WINDLINK LV-RS (N)HXCSLOE 0.6/1 kV

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Country Ref.: 71320714

CONTACT

Market information
industryprojects.business@lynxeogroup.com

Torsion resistant low-voltage cable for free hanging of max. 100 m

STANDARDS

Product EN 50363; HD 22-13; IEC 60228; IEC 60502

APPLICATIONS

Low-voltage loop cable WINDLINK LV-RS (N)HXCSLOE was developed for special application condition in wind turbines. The construction is torsion resistant by free hanging of max.100 m. These cables are specified for medium mechanical stress and for operation under permanent influence of sea water and usage outdoor.

Resistance to

- permanent movement
- permanent vibrations
- compressive stress
- oil, EN60811-2-1, ASTM No.2, 24 h at 100 °C
- low smoke, IEC 61034, >50 %
- halogen-free IEC 60754
- permanent influence of seawater
- ozone influence, EN 60811-2-1 clause 8
- suitable for torsion of max. 6 counterclockwise rotations and min. free hanging up from 25 m

Design

Core

Conductor

- Copper, plain, flexible concentrically stranded circular

Insulation

- Extruded halogen-free rubber compound EI8 acc. to EN 50363-5

Screen

- Tinned wire copper braid, covering min. 80 %

Outer Sheath

- Extruded halogen-free EVA compound EM8 acc. to EN 50363-6

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynxeo is indicative only and shall not be binding on Lynxeo or be treated as constituting a representation on the part of Lynxeo.

CHARACTERISTICS

Construction characteristics	
Conductor material	Plain annealed copper
Conductor flexibility	Flexible class 5
Insulation	Halogen free compound
Outer sheath	Rubber compound
Sheath colour	Black
Halogen free	IEC 60754-2
Overall screen	
With Green/Yellow core	Yes
Dimensional characteristics	
Number of cores	4
Conductor cross-section	10 mm²
Copper content	480 kg/km
Nominal outer diameter	20.0 mm
Approximate weight	750 kg/km
Electrical characteristics	
Rated Voltage Uo/U (Um)	0,6/1 kV
Usage characteristics	
Flame retardant	EN 50265-2-1
Silicone free	Yes
RoHS compliant	Yes
Max. conductor temperature in service	90 °C
Weather resistance	Excellent
Short-circuit max. conductor temperature	250 °C

SELLING AND DELIVERY INFORMATION

Inkjet marking e.g.: WINDLINK LV-RS (N)HXCSLOE 0.6/1 kV I NEXANS I

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