ÖLFLEX® CRANE VS (N)SHTÖU

Reelable cables for medium to high mechanical stress

ÖLFLEX® CRANE VS (N)SHTÖU - Low voltage power cable for outdoor use and crane applications/conveyor technology. Reelable, U0/U: 0.6/1kV

Info
Reinforced outer sheath design
Central and tear-resistant supporting element
Suitable for extreme tensile stress

Benefits
The central supporting element absorbs the tensile loads that occur, thereby allowing reeling, unreeling and deflection for free-hanging cables even over large distances.
Reeling, unreeling and guiding operations also impose tensile stresses on the cables
Integrated supporting braid prevents undesirable cable twists, and the formation of so-called corkscrew effects
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Application range
For use in hoists, transport and conveyor systems
Cables are reeled, unreeled, and guided by roller trains
In dry or damp interiors, outdoors, or not more than 2 weeks without interruption in industrial water
The application profiles for ÖLFLEX® CRANE and ÖLFLEX® LIFT cables can be found in the appendix, selection table A3
The assembly and handling guidelines for ÖLFLEX® CRANE cables can be found in the catalogue appendix, technical table T4; for ÖLFLEX® LIFT cables please see the catalogue appendix, technical table T5

Product features
Flame-retardant according IEC 60332-1-2
Oil-resistant according to EN 60811-404
Good chemical, thermal and mechanical-resistance

Norm references / Approvals
Based on VDE 0250-814 (NSHTÖU)

Product Make-up
Strands of tinned-copper wires
Core insulation: rubber compound, type 3GI3
Central supporting element
Support braid integrated in the outer sheath
Outer sheath: rubber compound, type 5GM5

Technical Data
Classification ETIM 5:
ETIM 5.0 Class-ID: EC000057
ETIM 5.0 Class-Description: Low voltage power cable
Classification ETIM 6:
ETIM 6.0 Class-ID: EC000057
ETIM 6.0 Class-Description: Low voltage power cable
Core identification code:
Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9
From 6 cores: black with white numbers
Conductor stranding:
Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius:
Flexible use: 7.5 x outer diameter
Nominal voltage:
U0/U: 600/1000 V
Test voltage:
3000 V
Protective conductor:
G = with GN-YE protective conductor
X = without protective conductor
Current rating:
VDE 298 Part 4
Temperature range:
Flexible use: -25°C to +80°C

Note
Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.
Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths
Packaging size: coil ≤ 30 kg or ≤ 250 m, otherwise drum
Please specify the preferred type of packaging (e.g. 1 x 500 m drum or 5 x 100 m coils).

Last Update (20.07.2020)
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Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16
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Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.
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<th>Article number</th>
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<th>Outer diameter [mm]</th>
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