NSGAFÖU 1,8/3 kV

Flexible single-conductor rubber cable with 1.8/3 kV rated voltage

NSGAFÖU 1,8/3 kV AC, VDE-certified, power cable, single-conductor rubber cable with outer coating, Class 5, oil-resistant, VDE 0250-602

Info
Public transport
Control panel internal wiring

Benefits
Arrangements made of single-conductor cables NSGAFÖU in accordance with VDE 0250 Part 602 with nominal voltage of at least U0/U: 1.8/3 kV can be used for short circuit-proof and short-to-ground-proof installation up to 1000 V in acc. with VDE 0100 Part 520 and VDE 0298 Part 3

Application range
Wiring of machines, tools, devices, appliances and control cabinets
Railway vehicles, buses;
short-circuit-proof up to 1000 V in switching stations and power distributors
No direct burial, except of lead-through through fire separations such as sand cups
In ducts, tubes, pipes, conduits and closed installation channels
Bundled or for connection of movable parts

Product features
Flame-retardant according IEC 60332-1-2
Oil-resistant according to EN 60811-404
Normative rated voltage classes U0/U 0.6/1 kVac and 3.6/6 kVac available on request
The outer diameters stated in the part number table are maximum values

Norm references / Approvals

Last Update (24.05.2019)
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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
NSGAFÖU 1,8/3 kV

<VDE> NSGAFÖU 1,8/3 kV cable type approval according to VDE 0250-602

Product Make-up
Fine-wire strand made of tinned-copper wires
Core insulation: rubber compound, type 3GI3
Outer coating: rubber compound, type 5GM3

Technical Data
Classification ETIM 5:
- ETIM 5.0 Class-ID: EC000993
- ETIM 5.0 Class-Description: Single core cable

Classification ETIM 6:
- ETIM 6.0 Class-ID: EC000993
- ETIM 6.0 Class-Description: Single core cable

Conductor stranding:
Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5

Minimum bending radius:
Flexible use: 10 x outer diameter
Fixed installation: 6 x outer diameter

Nominal voltage:
U0/U: 1.8/3 kV

Test voltage:
6000 V

Current rating:
According to VDE 0298 Part 4, Table 15

Temperature range:
Flexible use: -25°C to +90°C
Fixed installation: -40°C to +90°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).
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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