ÖLFLEX® CHAIN 809

PVC-insulated, numbered, PVC sheath, approved

Good combination of quality and price; Compact design

- Basic Line for light & ordinary duty in power chain applications

Product description

Application range

- In power chains or moving machine parts
- In dry, damp or wet interiors
- Suitable for use in measuring, control and regulating circuits
- Wiring of machines, tools, devices, appliances and control cabinets
- Only for outdoor use within the indicated operating temperature range, with UV-protection

Benefits

- Good combination of quality and price
- Compact design

Product Make-up

- Fine-wire, bare copper strand

- Core insulation: PVC
- Cores twisted in layers
- Non-woven wrapping
- PVC outer sheath, grey (RAL 7001)

Norm references / Approvals

- cUL AWM II A/B FT1
- UL-AWM-Style 20886
- For use in power chains: Please comply with the assembly guidelines listed in Appendix T3
- UL File No. E63634

Product features

- Low-adhesive surface
- Designed for 2 million alternating bending cycles and travel distances up to 10 meter
- Flame retardancy:
  UL/CSA: VW-1, FT1
  IEC/EN: 60332-1-2
- Oil-resistant according to DIN EN 50290-2-22 (TM54)
- Suitable for torsional applications which are typical for the loop in wind turbine generators (WTG)

Technical Data

Core identification code	Black with white numbers acc. to VDE 0293-1
Classification	ETIM 5.0 Class-ID: EC000104 ETIM 5.0 Class-Description: Control cable
Conductor stranding	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Torsion movement in WTG	TW-0 & TW-1, refer to Appendix T0
Minimum bending radius	For flexible applications: Chains in self supporting non-gliding arrangements: 10 x outside diameter Chains in gliding arrangements: 12 x outside diameter Fixed installation: 4 x outer diameter
Nominal voltage	VDE: U_0/U: 300/500 V UL & CSA: 1000 V
Test voltage	4000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	