ÖLFLEX® CLASSIC 130 H BK 0,6/1 kV

VDE-tested characteristics

Easy installation due to flexible design

- Outdoors
- Public buildings

Product description

Application range

- Public buildings
- Plant engineering
  Industrial machinery
  Heating and air-conditioning systems
- Particularly where human and animal life as well as valuable property are exposed to high risk of fire hazards
- For outdoor applications
- Note: for the use of AWM (Appliance Wiring Material) cables in industrial machinery (USA) according to NFPA 79 Ed. 2012: please see the catalogue appendix table T29

Benefits

- Easy installation due to flexible design

ÖLFLEX® CLASSIC 130 H BK 0,6/1 kV

Product Make-up

- Fine-wire strand made of bare copper wires
- Core insulation: Halogen-free
- Outer sheath made of special halogen-free coumpound, black (RAL 9005)

Norm references / Approvals

- Based on EN 50525-3-11
- UL AWM (recognized) single core style 10559 approved by UL
- UL AWM (recognized) jacket style 21288 approved by UL

Product features

- Flame-retardant according to IEC 60332-1-2
  (flame spread on a single cable)
- No flame-propagation according to IEC 60332-3-24 respectively IEC 60332-3-25 (Flame spread on vertical cable or wire bundle)
- Halogen-free according to IEC 60754-1
  (amount of halogen acid gas)
  Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)
- Low smoke density according to IEC 61034-2
- UV and weather-resistant according to ISO 4892-2
- Ozone-resistant according to EN 50396

Technical Data

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	Occasional flexing: 15 x outer diameter Fixed installation: 4 x outer diameter
Nominal voltage	U_0/U: 600/1000 V UL: 1000 V
Test voltage	4000 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Temperature range	Occasional flexing: -15°C to +70°C Fixed installation: -40°C to +80°C UL: +80°C