Application

ÖLFLEX® HEAT 260 SC single core cables are heat resistant insulated wires used for wiring and connections in switch cabinets. Additional to the excellent mechanical and physical properties, ÖLFLEX® HEAT 260 SC single core cables are characterized by very good electrical values, outstanding resistance against oil, weather and UV-radiation, as well as having high elasticity and tensile strength of the isolation material. ÖLFLEX® HEAT 260 SC single core cables are resistant to water, acids, alkalis, solvents, synthetic liquids and oils. The cores are flame retardant.

Design

Conductor
fine strands of silver plated copper wires
AWG conductor sizes: 7, 19 or 37 wires (depending on cross section)

Insulation
Polytetrafluoroethylene (PTFE), 5YI1 acc. to VDE 0207 part 6

Core identification code
Available core colours:
GN-YE / BK / BU / BN / BG / YE / GN / VT / PK / OG / RD / WH / GR

Electrical properties at 20°C

Rated voltage
U₀/U: 300/500 V

Test voltage
3400 V AC

Mechanical and thermal properties

Minimum bending radius
occasional flexing: 10 x outer diameter
fixed installation: 4 x outer diameter

Temperature range
fixed installation: -190°C up to +260°C max. conductor temperature
for short-time: up to +300°C

Flammability
flame retardant acc. to IEC 60332-1-2

General requirements
These cables are conform to the EU-Directive 2014/35/EU (Low Voltage Directive)