



DATA SHEET	0094000
ÖLFLEX® HEAT 260 SC	valid from : 04.02.2008

Application

ÖLFLEX® HEAT 260 SC strands 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 cores 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 strands are resistant against the action of water, acids, caustic solutions, solvents, synthetic liquids and oils. The cores are flame retardant.

Design

Conductor	fine strands of silver plated copper wires
Core insulation	PTFE compound 5YI1 in acc. to VDE 0207 part 6

Electrical properties at 20 °C

Nominal voltage	300 V / 500 V
Test voltage	3400 V AC

Mechanical and thermal properties

Temperature range	-190 °C up to +260 °C max. conductor temperature for short time up to +300 °C
Min. bending radius	4 x cable diameter for fixed installation 10 x cable diameter for flex. applications
Tests	acc. to IEC 60811-x-x resp. VDE 0473 part 811-x-x and VDE 0472
EC directive	this cable confirms to ECD 2006/95/EC (low voltage directive).

elaborated by: TE-K: M. Herb / R. Krämer	Document: DB0094000EN	page 1 of 1
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