

ÖLFLEX® LIFT T

DB 0027506

valid from: 2013-02-01

Application

ÖLFLEX® LIFT cables are high-flexible PVC insulated Control cable with suspension strand, additional supporting braid and cold-flexible PVC jacket for use in Elevators and conveyer systems. These cables are VDE certified. They are intended for use in dry, damp or wet rooms as well as outdoors but only under consideration of the temperature range. ÖLFLEX® LIFT cables are generally resistant against acids and caustics solution at room temperature.

Application range:

as Lift cable that ensures the electrical integrity in various areas of lift construction, suitable for use in outdoor lifts

Design

Design	based on EN 50525-2-51 resp. VDE 0285-525-2-51 / HD 21.13 S1 + A1 resp. VDE 0281-13
Approval	VDE-REG.-Nr. 7040
Conductor	super fine wire strands of bare copper, acc. to IEC 60228 resp. VDE 0295, Class 6
Core insulation	PVC compound TI2 acc. to EN 50363-3 resp. VDE 0207-363-3
Core identification	acc. to VDE 0293-1, with GN /YE ground conductor black cores with white numbers acc. to DIN EN 50334 resp. VDE 0293-334
Suspension strand	natural ore synthetic fibre
Max. suspension length	

Article number	Number of cores and mm ² per conductor	Max. suspension length (m)
0027506	12 G 0,75	110
0027507	18 G 0,75	110
0027508	24 G 0,75	80
0027001	7 G 1,0	80
0027002	12 G 1,0	80
0027008	18 G 1,0	70
0027004	20 G 1,0	70
0027005	24 G 1,0	60
0027007	36 G 1,0	90
0027006	28 G 1,0 + 2 x (0,5) C	90

Taping	vlies tape over core assembly
Outer sheath	PVC compound TM 4 acc. to EN 50363-4-1 resp. VDE 0207-363-4-1 colour: black, similar RAL 9005

Electrical properties

Nominal voltage	U ₀ / U: 300 / 500 V
Test voltage	4000 V AC

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Min. bending radius	occasional flexing:	20 x outer diameter
Temperature range	occasional flexing:	-15 °C up to +70 °C max. conductor temp.
Flammability	flame retardant in acc. with IEC 60332-1-2 resp. VDE 0482-332-1-2	
Tests	acc. to IEC 60811, EN 50395, EN 50396	
EC-Directives	This cable is conform to the EC-Directives 2006/95/EC (Low Voltage Directive) and 2011/65/EU (RoHS, Restriction of the use of certain hazardous substances).	