

ÖLFLEX® HEAT 350 SC

DB 0091350

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Application

ÖLFLEX HEAT 350 SC single cores protect electric circuits at extremely dangerous locations, e.g. blast furnaces, coke mills, oil refineries, glassworks, aluminium- and steel works etc. The product also is used in apparatus- and lamp industry. The cable is only suitable for installation in dry conditions.

Design

Conductor	nickel plated copper strands, fine wire acc. to IEC 60228, Cl. 5
Core Insulation	impregnated glass fiber covering and braiding (halogen free)
Core colour	white

Electrical properties

Rated Voltage	U ₀ /U 230/400 V	
Test Voltage	1500 V	
Max. conductor resistance	0.5 mm ² : 40.1 Ω/km	6.0 mm ² : 3.39 Ω/km
	0.75 mm ² : 26.7 Ω/km	10.0 mm ² : 1.95 Ω/km
	1.0 mm ² : 20 Ω/km	16.0 mm ² : 1.24 Ω/km
	1.5 mm ² : 13.7 Ω/km	25.0 mm ² : 0.795 Ω/km
	2.5 mm ² : 8.21 Ω/km	35.0 mm ² : 0.565 Ω/km
	4.0 mm ² : 5.09 Ω/km	50.0 mm ² : 0.393 Ω/km

Mechanical and thermal properties

Min bending radius	Fixed installation	5 x cable diameter
	Flexible use (max. up to +260°C)	15 x cable diameter
Temperature Range	-50°C to + 350°C	
Flame retardant	according to IEC 60332-1-2	
Conformity	Meets European CE Low Voltage Directive 2006/95/EC	
	Meets European RoHS Directive 2002/95/EC	