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INDUSTRIAL CABLES

FLEXICS® 2XSLHX 400Hz 7x35+6x(4x1)

Ground power supply cable, with control
cores, halogen-free



TECHNICAL DATA



Rated Voltage
0.6/1 kV (U₀/U)



Test Voltage
4000 V / 50 Hz



Bending radius (min.)
6 x Ø of cable



Core identification
Central blue core, other cores black (continuously numbered)



Fire properties
EN 60332-1-2: self-extinguishing and flame retardant
IEC 60754-1: halogen-free



Temperature range
Conductor temperature: max. 90°C
Fixed installation: -40°C up to 90°C
Flexible use: -15°C up to 80°C

DESIGN



1

Bare copper conductors, fine wires class 5 according to DIN EN 60228 / VDE 0295 / IEC 60228

2

Power supply control cores insulation of cross-linked polyethylene (XLPE); control cores of special compound based on polypropylene (PP)

3

Power supply cores (black with No. 1-6) stranded over central core (blue) with 6 star-quads in the interstices

4

Non-woven tape separation

5

Outer sheath of special cross-linked compound (XLPE), free of halogen and flame retardant, colour: black (RAL 9005)

Number of cores x nominal cross-section (mm²)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
7 x 35 + 6 x (4 x 1)	36.0	2922

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