DATA SHEET

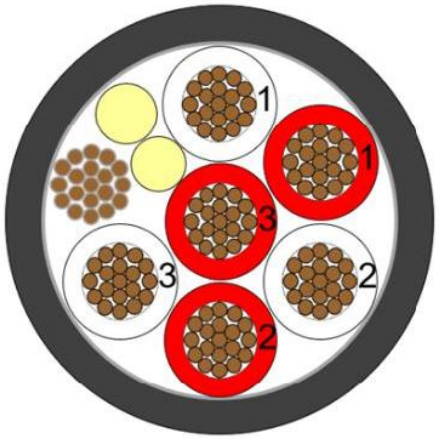
Power cables

6 core Power Cable, 6mm2, Class 5, B2ca

06x06mm2CL5-P09-LSFH-CE#B

Properties

- Flexible power cable with low bending radius and excellent cable routing properties
- Aluminum foil shielding and earth conductor for grounding
- Low smoke free of halogen thermoplastic jacket material



General data	
Cable type	Power cables
Weight per length	approx. 0.5 kg/m

Conductor		
General	Number of conductors	6 pcs
	Cross section	6 mm²
Conductor class	Conductor class standard	IEC 60228
	Conductor class	Class 5
Insulation	Material	XLPE
	Diameter	4.3 mm
	Marking / colour coding	Red / White
Conductor electrical values	Resistance of core	3.3 Ω/km
	Resistance of core temperature	20 °C
	Current rating	31.3 A
	Operating voltage	0.6 kV AC / 1kV DC
	Test voltage	8.4 kV DC
	Test voltage duration	5 min

Drain wire	
Conductor class standard	IEC 60228
Conductor class	Class 5
Amount of strands	1 pcs
Cross section	6 mm²

Cable screen	
Material	Aluminium
Type	Foil

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Cable jacket		
Outer jacket	Material	LSFH TM thermoplastic TPE-HF
	Diameter	16.7 mm
	Thickness	1.8 mm
	CPR standard	EN 50575:2014+A1:2016
	CPR class	B2ca-s1a,d1,a1

Ordering Information Table	
Item number	Item description
85202643	06x06mm2CL5-P09-LSFH-CE#B

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