Halogen free installation cable

CONSTRUCTION	**SS 424 02 19-5:2014 Applicable parts**
Conductor:	1,5 and 2,5 mm² circular solid copper, IEC 60228 class 2 6 mm² circular stranded copper, IEC 60228 class 2
Insulation:	Extruded XLPE-compound
Core identification:	See table below
Sheath:	Halogen free UV-resistant polyolefin compound, colour grey

MECHANICAL DETAILS

Minimum bending radii: (D = overall diameter)	During handling and installation In case of only one smooth bending to final position	10 x D 3 x D
Maximum pulling force:	(A= total area of conductors)	A x 50 N/mm²
Temperature limits:	Max. conductor temperature Max. short circuit temperature (duration not exceeding 5 sec.)	90 °C 250 °C
	Min. temperature during handling and installation Min. temperature during transport	-15 °C -40 °C
Applications:	Halogen free installation cable. For fixed installations indoors and outdoors, also in wet conditions, or inlaid in conduits, canals and hollow constructions as long as the national rules of installations are followed. UV-resistant sheathing material allows installation to direct sunlight. However insulation must be protected against UV-radiation.	

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FIRE PERFORMANCE (CPR)

EN 50575   Eca

ADDITIONAL INFORMATION

EN/IEC 60332-1-2	Flame retardant
EN/IEC 60754	Halogen free, non corrosive
EN/IEC 61034	Low smoke density

REKA code	Size [mm^2]	Core colours*	Phase conductor resistance DC 20 °C [Ω/km]	Overall diameter approx. [mm]	Weight approx. [kg]
1300503	3G1,5	GNYE, BU, BN	12,1	8,0	90
1300504	4G1,5	GNYE, BU, BN, BK	12,1	9,0	110
1300505	5G1,5	GNYE, BU, BN, BK, GY	12,1	9,0	130
1300509	7G1,5	BK,GNYE,BU,BK,GN,GY,RD	12,1	10,0	170
1300511	1G2,5	GNYE	7,41	6,0	50
1300513	3G2,5	GNYE, BU, BN	7,41	9,0	130
1300514	4G2,5	GNYE, BU, BN, BK	7,41	10,0	160
1300515	5G2,5	GNYE, BU, BN, BK, GY	7,41	11,0	190
1300516	1G6	GNYE	3,08	7,0	100

*Core colours: GNYE = green/yellow, BU = blue, BN = brown, BK = black, GY = grey, GN = green, RD = red