



Halogen free installation cable

CONSTRUCTION

SS 424 02 19-5:2014 Applicable parts

Conductor:	1,5 and 2,5 mm ² circular solid copper, IEC 60228 class 2 6 mm ² 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	10 x D
	In case of only one smooth bending to final position	3 x D
Maximum pulling force:	(A= total area of conductors)	A x 50 N/mm ²
Temperature limits:	Max. conductor temperature	90 °C
	Max. short circuit temperature (duration not exceeding 5 sec.)	250 °C
	Min. temperature during handling and installation	-15 °C
	Min. temperature during transport	-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.

EXQ 90 Lite
 300/500 V

Halogen free installation cable
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,BN,WH,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
1300517	7G2,5	BK,GNYE,BU,BN,WH,GY,RD	7,41	12,0	250
1300518	5G4	GNYE, BU, BN, BK, GY	4,61	13,0	290

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