Waskönig + Walter

Power cable

ECO-SS-AL 1x Cca

Power cable, XLPE insulated, flexible copper conductor, halogen free, flame retardant

0.6/1 kV



Characteristics	Properties	Unit
Conductor material	Aluminium	
Conductor surface	Bare	
Nominal cross section conductor	240	mm^2
Conductor category	Class 5 = flexible	
Shape of conductor	Round	
Number of cores	1	
Core identification according to HD 308 S2	Yes	
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	No	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	

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Characteristics	Properties	Unit
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Grey	
Conductive coating	No	
Longitudinal water blocking conductors	No	
Longitudinal water blocking screen	No	
Reaction-to-fire according to EN 13501-6: Class	Cca	
Reaction-to-fire according to EN 13501-6: Smoke production	s1b	
Reaction-to-fire according to EN 13501-6: Flaming droplets/particles	d1	
Reaction-to-fire according to EN 13501-6: Acidity	a1	
Halogen free (acc. EN 60754-1/2)	Yes	
Flame retardant	In accordance with IEC/EN 60332-3-24	
Low smoke (acc. EN 61034-2)	Yes	
Outer diameter approx.	30	mm
Weight	1,065.8	kg/km
Max. conductor temperature	90	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	5	x Außen-Ø

Packing	Individual length (in m)	Net weight (in kg)
Ring, Drum	Cut length	1,066

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