Waskönig + Walter

Power cable

Z10-YMz1Kas B2ca EVU

Starkstromkabel, VPE-isoliert mit Cu-Leitern und konz. Leiter aus Stahl- u. Cu-Drähten, mit verb. Verhalten im Brandfall

0.6/1 kV



Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Shape of conductor	Round	
Number of cores	4	
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	No	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	Yes	
Concentric conductor	None	
Armouring	Yes	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Grey	

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Characteristics	Properties	Unit
Conductive coating	No	
Longitudinal water blocking screen	No	
Reaction-to-fire according to EN 13501-6: Class	B2ca	
Reaction-to-fire according to EN 13501-6: Smoke production	s1a	
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	
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	-5 <=> 70	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	12	x Außen-Ø
Cable geometry		
Suitable as installation cable		
Certified for shipboard application		
Suitable as medium-voltage cable		
Suitable as high-voltage cable		
Certified as airport lighting cable		

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Product								Packaging		
Nominal cross section conductor (in mm^2)	Conductor category	Core identification according to HD 308 S2	Longitudinal water blocking conductors	Nominal cross section concentric conductor (in mm^2)	Outer diameter approx. (in mm)	Reaction-to-fire according to EN 13501-6: Flaming droplets/particles	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
10	Class 1 = solid	Yes	Yes	10	22	d2	833.95	Ring, Drum	Cut length	832
16	Class 2 = stranded		No	16	26	d1	1,256.4	Ring, Drum	Cut length	1,243

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Subject to technical alterations