

**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	

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 U <sub>0</sub>	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		

Product								Packaging		
Nominal cross section conductor (in mm <sup>2</sup> )	Conductor category	Core identification according to HD 308 S2	Longitudinal water blocking conductors	Nominal cross section concentric conductor (in mm <sup>2</sup> )	Outer diameter approx. (in mm)	Reaction-to-fire according to EN 13501-6: Flaming droplets/particles	Weight (in EU571166)	Packing	Individual length (in m)	Net weight (in kg)
10	Class 1 = solid	Yes	Yes	10	22	d2	833.95	Ring, Drum	Cut length	834
16	Class 2 = stranded		No	16	26	d1	1,256.4	Ring, Drum	Cut length	1,256