

**Power cable**

**VO-XMvKas Eca**

Installationsltg, VPE-isoliert mit Cu-Leitern und konz. Leiter aus Stahl- u. Cu-Drähten und PVC-Mantel

450/750 V



according K42-C-07.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor category	Class 1 = solid	
Core insulation material	Polyolefin	
Core identification according to HD 308 S2	Yes	
Core colour		
Protective conductor	No	
Max. conductor temperature	90	°C
Screen	No	
Armouring/reinforcement	Braiding	
Material outer sheath	Polyvinyl chloride (PVC)	
Colour outer sheath	Grey	
Reaction-to-fire according to EN 13501-6: Class	Eca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	In accordance with IEC/EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	

Characteristics	Properties	Unit
Permitted cable outer temperature during assembling/handling	5 <=> 70	°C
Permitted cable outer temperature after assembling without vibration	-20 <=> 70	°C
Nominal voltage U0	450	V
Nominal voltage U	750	V
Shape of conductor	Round	
Suitable as installation cable	Yes	
Certified for shipboard application	No	
Suitable as medium-voltage cable	No	
Suitable as high-voltage cable	No	
Certified as airport lighting cable	No	
Minimum bending radius	12	x Außen-Ø
max. short circuit temperature	250	°C

Product							Packaging						
Number of cores	Nominal cross section conductor (in mm <sup>2</sup> )	Conductor Diameter (in mm)	Conductor resistance at 20 °C (in EU571143)	Kerndurchmesser	Outer diameter approx. (in mm)	Weight (in EU571166)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
2	2.5	2.5	7.41		12	215.37	Ring, Drum	Cut length					216
2	2.5	2.5	7.41	200	12	215.37	Ring	100	390	671.88	153	3,000	22
3	1.5	1.5	12.1		12	205.86	Ring, Drum	Cut length					207
3	2.5	2.5	7.41		13	243.71	Ring, Drum	Cut length					245
3	2.5	2.5	7.41	200	13	243.71	Ring	100	430	414.45	127	1,600	24
3	2.5	2.5	7.41	315	13	243.71	Drum	500	752	563	419	2,000	122
4	2.5	2.5	7.41		13	274.3	Ring, Drum	Cut length					275

Product							Packaging						
Number of cores	Nominal cross section conductor (in mm²)	Conductor Diameter (in mm)	Conductor resistance at 20 °C (in EU571143)	Kerndurchmesser	Outer diameter approx. (in mm)	Weight (in EU571166)	Packing	Individual length (in m)	Außendurchmesser	Bruttogewicht pro Paletteinheit	Höhe	Paletteinheit	Net weight (in kg)
4	2.5	2.5	7.41	200	13	274.3	Ring	100	430	408.46	143	1,400	28