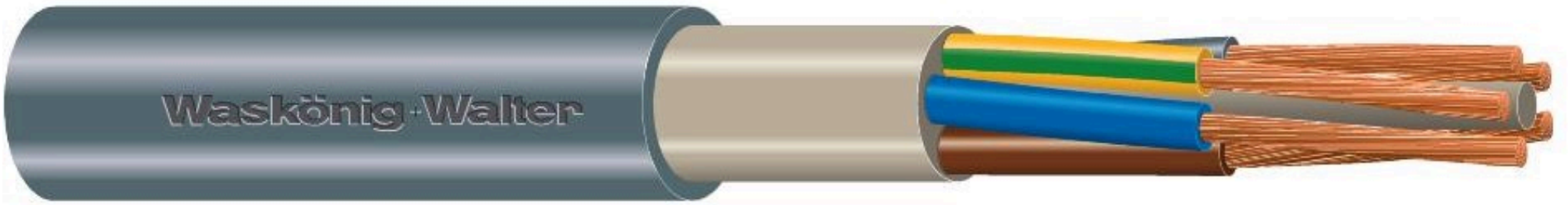
Waskönig + Walter

Power cable

YMvK-ss Dca 1x

Power cable, XLPE insulated, copper conductor, improved behavior in case of fire

0.6/1 kV



according HD 604 4D.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
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	

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Characteristics	Properties	Unit
Screen	No	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
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	Dca	
Reaction-to-fire according to EN 13501-6: Smoke production	s2	
Reaction-to-fire according to EN 13501-6: Flaming droplets/particles	d2	
Reaction-to-fire according to EN 13501-6: Acidity	a3	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	In accordance with IEC/EN 60332-3-24	
Low smoke (acc. EN 61034-2)	No	
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	5 <=> 70	°C
Permitted cable outer temperature after assembling without vibration	-30 <=> 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	15	x Außen-Ø

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Product				Packaging		
Nominal cross section conductor (in mm^2)	Min. permitted bending radius, stationary application/permanent installation (in mm)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
25		12	306.73	Ring, Drum	Cut length	307
50		15	586.56	Ring, Drum	Cut length	587
70		17	725.69	Ring, Drum	Cut length	726
95	285	19	978.39	Ring, Drum	Cut length	978
120	315	21	1,219.4	Ring, Drum	Cut length	1,219
185		24	1,844.4	Ring, Drum	Cut length	1,844
300		31	2,984.8	Ring, Drum	Cut length	2,985

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