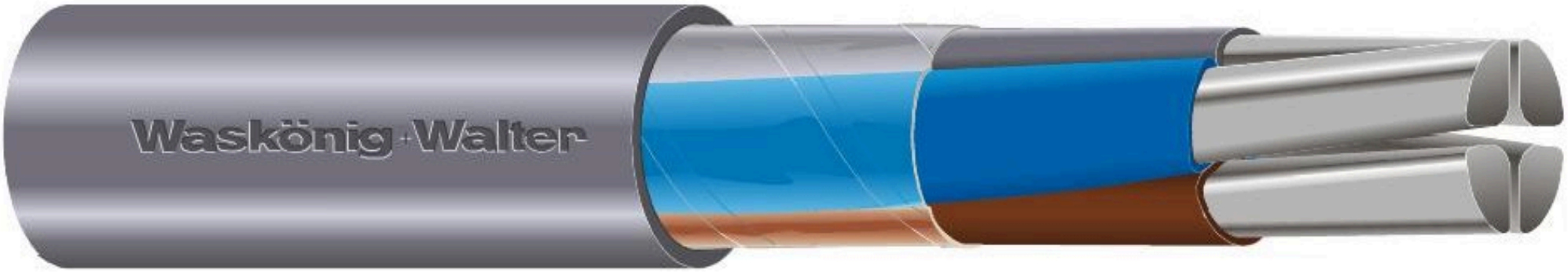
Waskönig + Walter

Power cable

PEX-M-AL-0

Power cable, XLPE insulated, aluminium conductor, polyethylene outersheath

0.6/1 kV



According to HD 603 S1:5B.

Characteristics	Properties	Unit
Conductor material	Aluminium	
Conductor surface	Bare	
Nominal cross section conductor	240	mm^2
Conductor category	Class 1 = solid	
Shape of conductor	Round	
Number of cores	4	
Core identification according to HD 308 S2	Yes	
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	

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Characteristics	Properties	Unit
Protective conductor	No	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
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	Yes	
Longitudinal water blocking screen	No	
Reaction-to-fire according to EN 13501-6: Class	Fca	
Halogen free (acc. EN 60754-1/2)	Yes	
Flame retardant	No	
Low smoke (acc. EN 61034-2)	No	
Outer diameter approx.	49	mm
Min. permitted bending radius, stationary application/permanent installation	588	mm
Weight	3,245	kg/km
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	-15 <=> 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

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Packing	Individual length (in m)	Net weight (in kg)
Ring, Drum	Cut length	3,245

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