

Power cable

A2XCWH Dca

Power cable, PVC insulated, aluminium conductor, concentric copper conductor waveformal

0.6/1 kV

Characteristics	Properties	Unit
Conductor material	Aluminium	
Conductor surface	Bare	
Nominal cross section conductor	185	mm ²
Conductor category	Class 1 = solid	
Shape of conductor	Sector-shaped	
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	No	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	Copper	
Nominal cross section concentric conductor	116	mm ²
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Orange	
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	s1	

Characteristics	Properties	Unit
Reaction-to-fire according to EN 13501-6: Flaming droplets/particles	d2	
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

Min. permitted bending radius, stationary application/permanent installation	Number of cores	Outer diameter approx.	Weight	Individual length	Net weight	Packing
528 mm	3	44 mm	3,654.8	Cut length	3,655 kg	Ring, Drum
588 mm	4	50 mm	4,463.8	Cut length	4,464 kg	Ring, Drum