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Power cable ≥ 1 kV, for fixed installations EMC flex HHmb



Application	: Flexible power supply cable with aluminium foil and additional braiding. Halogen free version.
TECHNICAL DATA	: TYPE HHmb
Remarks	: Aluminium-polyester foil, optical density approx. 100%, tinned drain wire longitudinally applied. Tinned wire braiding, optical density approx. 85%.
Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Shape of conductor	: Round
Core identification	: Colour
Protective conductor	: Yes
Inner sheath	: Yes
Screen	: Yes
Drain wire	: Yes
Number of pilot/reduced cores	: 0
Nominal cross sectional area of pilot/reduced core	: 0mm ²
Lead sheath	: No
Concentric conductor	: None
Armouring	: No
Material outer sheath	: Polyolefin
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. BS EN 61034-2)	: Yes
Insulation integrity	: No
Circuit integrity	: No
Max. conductor temperature	: 77°C
Permitted cable outer temperature during assembling/handling	: -15°C to 70°C
Permitted cable outer temperature after assembling without vibration	: -40°C to 70°C
Nominal voltage U ₀	: 0.6kV
Nominal voltage U	: 1kV
Conductor surface	: Bare
	: Yes
Laminated sheath	: No
Fibre optic elements	: No
	: Round



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Longitudinal water blocking conductors	: No
Longitudinal water blocking screen	: No
Halogen free (acc. IEC 60754-2)	: Yes
Low smoke (acc. IEC 61034-2)	: Yes
Oil resistant (acc. IEC 60811-404)	: No
	: Yes
	: No
	: No
	: No
	: No



ProductNr	Dimension	Core insulation material	Outer diameter approx. (mm)
0100501	4 x 1.5	Crosslinked polyethylene (XLPE)	11.7
0100502	3 x 2.5	Polyolefin	12
0100503	4 x 2.5	Crosslinked polyethylene (XLPE)	12.7
0100504	4 x 4	Crosslinked polyethylene (XLPE)	14.6
0100505	4 x 6	Crosslinked polyethylene (XLPE)	15.8
0100506	4 x 10	Crosslinked polyethylene (XLPE)	18.4
0100507	4 x 16	Crosslinked polyethylene (XLPE)	21.3
0100508	4 x 25	Polyolefin	29.4
0100509	4 x 35	Crosslinked polyethylene (XLPE)	28.5