

Low voltage power cable 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	: Cu, 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 section 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. EN 61034-2)	: Yes
Insulation integrity	: No
Circuit integrity	: No
Max. conductor temperature	: 77°C
Permitted cable outer temperature, in movement	: -15°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 70°C
Nominal voltage U ₀	: 0.6kV
Nominal voltage U	: 1kV

ProductNr	Dimension	Core insulation	Outer diameter approx. (mm)
0100501	4 x 1,5	XLPE (VPE)	11.7
0100502	3 x 2,5	Polyolefin	12
0100503	4 x 2,5	XLPE (VPE)	12.7
0100504	4 x 4	XLPE (VPE)	14.6
0100505	4 x 6	XLPE (VPE)	15.8
0100506	4 x 10	XLPE (VPE)	18.4
0100507	4 x 16	XLPE (VPE)	21.3
0100508	4 x 25	Polyolefin	29.4
0100509	4 x 35	XLPE (VPE)	28.5