



Reference: 79462501

CONTACT

Markets and Products Information
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SINGLE CORE POWER CABLES

FLAMEX® EN 50264 - 3 - 1 600V M power cables are used for fixed and protected installations. This product range is recommended for narrow spaces where an optimal bending radius is required. FLAMEX® cables are designed to withstand tough working conditions (oil, ozone, temperature variation, etc.). 120 °C conductor temperature is allowed for a 20,000 hours cumulative working time.

STANDARDS

Product EN 50264 - 3 - 1; EN 45545 - HL3; IEC 60228



Conductor flexibility 5



Halogen free
EN 60754 - 1 & EN 60684 - 2



Uo/U
0.6/ 1 (1.2) kV



IEC 60332 - 1 - 2



Fire retardant
EN IEC 60332 - 3 - 24 (cat C); EN IEC 60332 - 3 - 25 (EN50305)



EN/IEC 61034 - 2



가
EN 50305 - 9.2



Operating temp.
- 40 ... 90 °C

CHARACTERISTICS

Conductor flexibility	Tin plated copper	
	5	
Halogen free	Cross - linked compound	
	EN 60754 - 1 & EN 60684 - 2	
Minimum outer diameter Maximum outer diameter ()	4 mm ²	
	3.9 mm	
	4.3 mm	
	44 kg/km	
Uo/U (Um)	- mm	
	0.6/ 1 (1.2) kV	
Fire retardant	IEC 60332 - 1 - 2	
	EN IEC 60332 - 3 - 24 (cat C); EN IEC 60332 - 3 - 25 (EN50305)	
가 操作度范	EN/IEC 61034 - 2	
	EN 50305 - 9.2	
Max. conductor temperature in service	- 40 ... 90 °C	
Overload maximum core temperature	90 °C	
Chemical resistance	- °C	
Ozone resistance	Good	
U.V resistance	Yes	
Short - circuit max. conductor temperature	Yes	
	200 °C	