FLAMEX® EN 50264-3-1 M 600V

FLAMEX EN 50264-3-1 600V 4 M



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	Halogen free	Rated Voltage Uo/U (Um)	Flame retardant	Fire retardant	Smoke density	Gases toxicity	Operating temp.
Flexible class 5	**EN 60754-1 & EN 60684-2**	**0.6/ 1 (1.2) kV**	**IEC 60332-1-2**	**EN IEC 60332-3-24 (cat C); EN IEC 60332-3-25 (EN50305)**	**EN/IEC 61034-2**	**EN 50305-9.2**	**-40 ... 90 °C**

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynxeo is indicative only and shall not be binding on Lynxeo or be treated as constituting a representation on the part of Lynxeo.

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CHARACTERISTICS

Construction characteristics	
Conductor material	Tin plated copper
Conductor flexibility	Flexible class 5
Insulation	Cross-linked compound
Halogen free	EN 60754-1 & EN 60684-2
Dimensional characteristics	
Conductor cross-section	4 mm²
Minimum outer diameter	3.9 mm
Maximum outer diameter	4.3 mm
Approximate weight	44 kg/km
Conductor diameter	- mm
Electrical characteristics	
Rated Voltage Uo/U (Um)	0.6/ 1 (1.2) kV
Usage characteristics	
Flame retardant	IEC 60332-1-2
Fire retardant	EN IEC 60332-3-24 (cat C); EN IEC 60332-3-25 (EN50305)
Smoke density	EN/IEC 61034-2
Gases toxicity	EN 50305-9.2
Operating temperature, range	-40 ... 90 °C
Max. conductor temperature in service	90 °C
Overload maximum core temperature	- °C
Chemical resistance	Good
Ozone resistance	Yes
U.V resistance	Yes
Short-circuit max. conductor temperature	200 °C

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