



Reference: 10240115
 EAN 13: 3427650140899

CONTACT

Market information
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International Designation: MPRX FLEXISHIP 331 0.6/1kV 1x95

FIRE RESISTANT POWER CABLES

STANDARDS

Product IEC 60228

Installation IEC 60092 - 350; IEC 60092 - 353; IEC 60092 - 360

Test a; IEC 60331 - 1 or 2; IEC 60332 - 1; IEC 60332 - 3 - 22; IEC 60754 - 1; IEC 61034

APPLICATION

MPRX®331 0.6/1 kV fire resistant power and control cables maintain circuit integrity in case of fire by meeting performances requirements from the IEC 60331 series for 180 minutes. They are used for detection and warning systems not subject to mechanical risks.

The highly flexible MPRX®331 FLEXISHIP® range is recommended for installations and connections in narrow spaces where an optimal bending radius is required. Designed with halogen-free fire retardant materials, they provide optimum safety for people and maximal asset protection against all risks of fire.

Design

1. Conductor
Stranded bare copper, class 2 or class 5 for FLEXISHIP®
2. Insulation
Mica tape + XLPE (cross-linked polyethylene)
3. Outer sheath
(Filler if necessary)
Polyolefin SHF1
Colour: orange

Example of marking:

LYNXÉO 279 MPRX 331 or MPRX 331 FLEXISHIP 0.6/1 kV "n" x (orG) "s" 90 ° C
 IEC 60092 - 353 IEC 60332 - 3 - 22 Cat. A IEC 60331 - 1/21 "ww/yy" * CE* + metric marking

Core Identification

- 1 x: black
- 2 x: brown - blue
- 3 x: brown - black - grey
- 3G: brown - blue - green/yellow
- 4 x: brown - black - grey - blue
- 4G: brown - black - grey - green/yellow
- > 5 cores: n x: white with printed numbers / nG: white with printed numbers + green/yellow core



Halogen free
IEC 60754 - 1



Conductor flexibility

5



Uo/U
(Um)
0.6/ 1 (1.2) kV



Fire resistant
IEC 60331 - 1 or
- 2



Fire retardant
EN IEC
60332 - 3 - 22 (cat
A)



IEC 61034



Gases corrosivity
IEC 60754 - 2



Operating temp.
- 30 ... 80 ° C

CHARACTERISTICS

Halogen free		IEC 60754 - 1
Sheath colour	가	+
Material of filler / inner sheath		
Conductor flexibility With Green/Yellow core		5
		1
		95 mm ²
Minimum outer diameter		17.6 mm
Maximum outer diameter		20.3 mm
()		967 kg/km
Nominal outer diameter		18.9 mm
U ₀ /U (U _m)		0.6/ 1 (1.2) kV
Permissible short circuit current		13.6 kA
Permissible current rating in open air		293 A
20 ° C	DC	0.206 Ohm/km
Fire resistant		IEC 60331 - 1 or - 2
Fire retardant		EN IEC 60332 - 3 - 22 (cat A)
		IEC 61034
Gases corrosivity		IEC 60754 - 2
操作度范		- 30 ... 80 ° C
Max. conductor temperature in service		90 ° C

OTHER CHARACTERISTICS

Test Voltage
 AC between cores..... 3.5 kV
 AC

Minimum bending radius for fixed installations

- MPRX® 331..... 6 x outer diameter
- MPRX® 331 FLEXISHIP®..... 5 x outer diameter