

# MPRXCX<sup>®</sup> 331

## Halogen Free, Fire Resistant Power Cables with screen

0.6/1 kV

### Type Approval Certificates

American Bureau of Shipping  
Bureau Veritas  
Det Norske Veritas  
Germanischer Lloyd  
Lloyd's Register of Shipping  
Registro Italiano Navale

### Applications

For fixed installations on ships and offshore-units in all locations and open decks in safety circuits, where fire resistance is required. The good screening qualities of the copper braid also reduce radio interferences and electrical influences to electronic installations. The cables meet the fire characteristics acc. to IEC 60331 as well as the flame test requirement for bunched cables acc. to IEC 60332-3 CAT. A and IEEE 45-18.13. This follows the intention of the SOLAS requirements. All cables materials are free of halogens. This design ensures that non corrosive and low toxic gases are emitted in case of fire. Therefore, these cables are especially suitable for the installation on passenger ships.

Max cond. temperature: 85°C

### Design

#### 1. Conductor

Stranded bare copper  
class 2

#### 2. Insulation

Mica tape  
+ XLPE  
(cross linked polyethylene)

#### 3. Inner covering

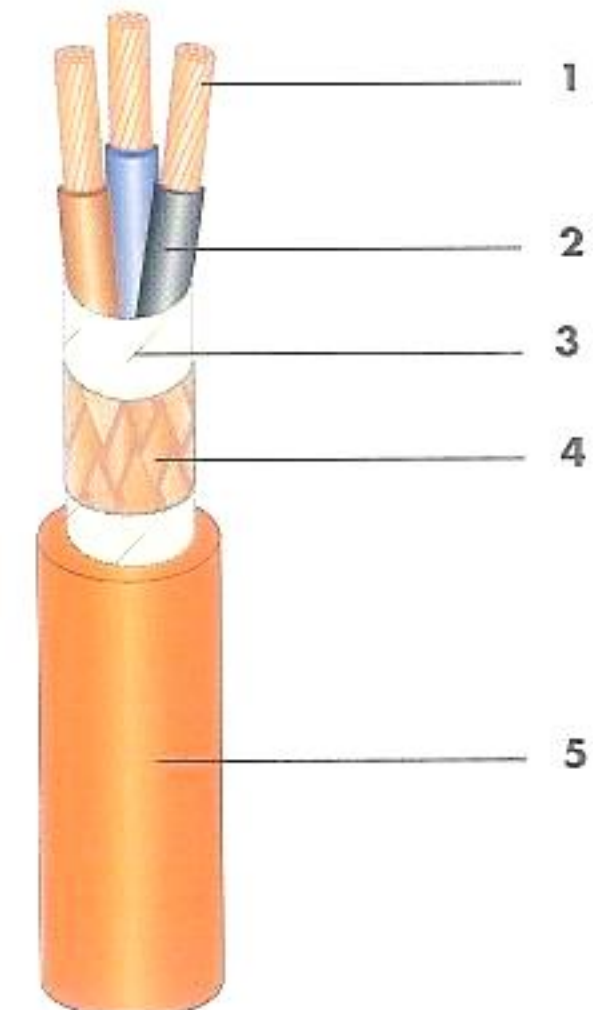
(lapped)

#### 4. Armouring

Bare copper braid  
Separator tape (optional)

#### 5. Outer sheath

Polyolefin  
Colour: orange



### Marking

|NEXANS| MPRXCX 331  
0.6/1 kV  
85°C «n» x «s» mm<sup>2</sup>  
IEC 60092-353  
IEC 60332-3 Cat. A  
IEC 60331  
\* CE \* YEAR  
+ Metric Marking

“n”: number of cores

“s”: cross section

### Core Identification

1 core: black  
2 cores: black/blue  
3 cores: black/blue/brown  
4 cores: black/blue/brown/white  
5 to 24 core cable: all cores black coloured, printed with numbers, starting in center with number 1. Cables with 3 cores and more also with green-yellow core (has to be stated in order)

### Standards

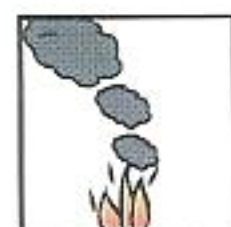
IEC 60092-353  
IEC 60331  
IEC 60332-3 Cat. A  
IEC 60754-1/60754-2  
IEC 61034



Fire resistant  
IEC 60331



Flame retardant  
IEC 60332-3



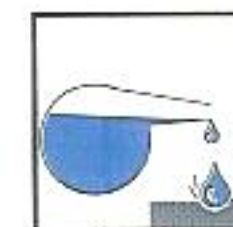
Low smoke  
IEC 61034



Halogen free  
IEC 60754-1



No toxicity  
IEC 60754-1



No corrosivity  
IEC 60754-2



Electro Magnetic  
Interference