



Reference: 10266098
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CONTACT

Market information
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- CST 74C068
- Quality insurance according to RCC-E
- Zero halogen (SH)
- Control cables 0.3/0.5 (0.6) kV
- **Cables installed inside of the containment area (K2)**
- Overall screened (EG)
- Unarmoured (NA)

STANDARDS

Producto IEC 60228

Ensayo IEC 60332-3-23; IEC 60754-1; IEC 61034-2; NF C32-070/C1

APPLICATIONS

These control cables allow connection to a variety of industrial equipment from control room. Many of them require anti-inductive screen (EMI).

CONSTRUCTION

Conductor:

- Stranded (class 2) or flexible (class 5) plain copper

Insulation:

- Zero halogen (SH), cross-linked

Assembling:

- Polyester tape (optional)

Inner sheath:

- Low smoke, zero halogen (LSZH)
- Colour: grey

Screen:

- Copper wire braid (CWB) R ≥ 80 %

Outer sheath:

- Low smoke, zero halogen (LSZH)
- Colour: grey

Core identification

Black cores printed with white numbers
Optional: with G/Y core.

Marking

LYNXEO 279 Nber of cores & cross-section Cu EG CST 74 C 068 K2 SH 0.3/0.5 (0.6) kV YYYY Manufacturing number + metric marking



Libre de halógenos
IEC 60754-1; IEC 60754-2



Temp. ambiente de
utilización
-20 ... 60 °C



Densidad de los
humos
IEC 61034-2



No propagador del
incendio
NF C 32070 C1;
IEC 60332-3-24
(cat.B)



Resistencia a
interferencias
electromagnéticas
SI



Resistencia a
radiaciones
ultravioletas
SI



Life cycle 60years
Yes



Radiation resistant
Yes

CHARACTERISTICS

Características de construcción

Material del conductor	Plain copper
Type of conductor	Stranded, class 2
Aislamiento	Halogen-free
Cubierta interior	-
Pantalla	Bare copper braid
Cubierta exterior	LSZH
Libre de halógenos	IEC 60754-1; IEC 60754-2

Características dimensionales

Sección del conductor	1 mm ²
Número de conductores	7
Diámetro del conductor	1,3 mm
Diámetro sobre aislamiento	2,4 mm
Diameter over inner sheath	8,9 mm
Diameter over screen	9,9 mm
Diámetro exterior mínimo	11,8 mm
Diámetro exterior máximo	13,5 mm
Peso aproximado	300 kg/km

Características eléctricas

Resistencia máxima del conductor en CC a 20° C	18,1 Ohm/km
Maximum DC resistance of the conductor at 90°C	23,000 Ohm/km
Reactance at 50 Hz	0,1 Ohm/km
Short Circuit Current 0,3 s Max	0,26 kA
Short Circuit Current 1 s Max	0,14 kA
Impedance at 50 Hz	18,1 Ohm
Voltage Drop	36,9 V/A.km
Calorific Power	2,2 MJ/m

Características de uso

Temperatura ambiente de utilización (rango)	-20 ... 60 °C
Densidad de los humos	IEC 61034-2
No propagador del incendio	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Resistencia a interferencias electromagnéticas	Sí
Resistencia a radiaciones ultravioletas	Sí
Life cycle 60years	Yes
Radiation resistant	Yes
Temperatura máxima del conductor	90 °C
Nuclear Classification	K2

SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter
To be doubled during laying operations

Marking

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