



Reference: 10265083
EAN 13: 3427580724947

CONTACT

Market information
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- CST 74C068
- Quality insurance according to RCC-E
- Zero halogen (SH)
- Control cables 0.6/1(1.2)kV
- **Cables installed outside the containment area (K3)**
- Overall screened (EG)
- Unarmoured (NA)

STANDARDS

Producto IEC 60228

Ensayo a; 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).

DESIGN

Conductor:

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

Insulation:

- Zero halogen (SH), cross-linked

Assembling:

- An inner sheath acting as a filler or polyester tape

Screen:

- Copper wire braid (CWB) R ≥ 80%

Outer sheath:

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

CORE IDENTIFICATION

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 K3 SH 0.6/1(1.2) kV YYYY Manufacturing number + metric marking



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



Tensión nominal de servicio U₀/U
 0.6/ 1 (1.2) kV



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

CHARACTERISTICS**Características de construcción**

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

Características dimensionales

Sección del conductor	6 mm ²
Número de conductores	3
Diámetro del conductor	3,0 mm
Diámetro sobre aislamiento	4,4 mm
Diameter over screen	10,3 mm
Diámetro exterior mínimo	13,1 mm
Diámetro exterior máximo	15,1 mm
Peso aproximado	400 kg/km

Características eléctricas

Resistencia máxima del conductor en CC a 20° C	3,08 Ohm/km
Maximum DC resistance of the conductor at 90°C	3,920 Ohm/km
Reactance at 50 Hz	0,084 Ohm/km
Short Circuit Current 0,3 s Max	1,6 kA
Short Circuit Current 1 s Max	0,86 kA
Voltage Drop	6,4 V/A.km
Impedance at 50 Hz	3,08 Ohm
Calorific Power	2,3 MJ/m
Permissible short circuit current	- kA
Tensión nominal de servicio U ₀ /U	0.6/ 1 (1.2) kV

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
Temperatura máxima del conductor	90 °C
Nuclear Classification	Class 1 E Non LOCA/K3

SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter
To be doubled during laying operations

Marking

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