



Reference: 10243990
EAN 13: 3427580697531

CONTACT

Market information
industryprojects.business@lynx^{eo}.com
ogroup.com

- 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 (K1)**
- Overall Screen (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).

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)

Overall 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 K1 SH 0.3/0.5 (0.6) kV YYYY Manufacturing number + metric marking



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



Tensión nominal de servicio U₀/U
0.3/0.5(0.6)kV



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



Densidad de los humos
-



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



Resistencia a interferencias electromagnéticas
SI



Life cycle 60years
Yes



Radiation resistant
Yes

CHARACTERISTICS**Características de construcción**

Material del conductor	Plain copper
Type of conductor	Flexible, Classe 5
Aislamiento	Halogen-free
Cubierta interior	LSZH
Pantalla	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	3
Diámetro del conductor	1,3 mm
Diámetro sobre aislamiento	2,5 mm
Diameter over inner sheath	7 mm
Diameter over screen	8,0 mm
Diámetro exterior mínimo	10,1 mm
Diámetro exterior máximo	11,4 mm
Peso aproximado	200 kg/km

Características eléctricas

Resistencia máxima del conductor en CC a 20° C	19,5 Ohm/km
Maximum DC resistance of the conductor at 90°C	24,800 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	19,5 Ohm
Voltage Drop	34,5 V/A.km
Calorific Power	2 MJ/m
Tensión nominal de servicio Uo/U	0.3/0.5(0.6)kV

Características de uso

Temperatura ambiente de utilización (rango)	-20 ... 60 °C
Densidad de los humos	-
No propagador del incendio	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Resistencia a interferencias electromagnéticas	Sí
Life cycle 60years	Yes
Radiation resistant	Yes
Loss of coolant accident resistant	Yes
Resistencia a radiaciones ultravioletas	Sí
Temperatura máxima del conductor	90 °C
Nuclear Classification	Class 1 E LOCA /K1

SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter
To be doubled during laying operations