



Reference: 10264331
EAN 13: 3427580723254

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 outside the containment area (K3)**
- Overall screened (EG)
- Unarmoured (NA)
- **Fire resistant**

STANDARDS

Product IEC 60228

Test a; EN 50200; EN 50362; 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

Flame barrier:

- Mica tape (MGT)

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.



Senza alogeno
IEC 60754-1; IEC 60754-2



Tensione nominale
U₀/U (U_m)
0.3/0.5(0.6)kV



Temperatura Operativa
-20 ... 60 °C



Densità fumo
IEC 61034-2



Fuoco ritardante
NF C 32070 C1;
IEC 60332-3-24
(cat.B)



Resistenza al fuoco
EN 50200/362



Resistenza ad interferenza elettromagnetica
SI



Resistenza U.V.
SI

CHARACTERISTICS**Caratteristiche costruttive**

Materiale del conduttore	Rame nudo
Tipo di conduttore	A trefoli, Classe 2
Isolamento	Senza alogeni
Guaina interna	LSZH
Schermo	Treccia di rame nuda
Guaina esterna	LSZH
Senza alogeno	IEC 60754-1; IEC 60754-2

Caratteristiche dimensionali

Sezione del conduttore del cavo	1 mm ²
Numero di anime	3
Diametro nominale del conduttore del cavo	1,28 mm
Diametro nominale sull'isolante	3,5 mm
Diametro sulla guaina interna	8,6 mm
Diameter over screen	9,7 mm
Diametro esterno min	11,5 mm
Diametro esterno max	13,2 mm
Peso approssimativo del cavo	260 kg/km

Caratteristiche elettriche

Massima resistenza el. del cond. a 20°C in c.c.	- Ohm/km
Maximum DC resistance of the conductor at 90°C	- Ohm/km
Reattanza a 50 Hz	- Ohm/km
Short Circuit Current 0,3 s Max	- kA
Short Circuit Current 1 s Max	- kA
Impedance at 50 Hz	- Ohm
Voltage Drop	- V/A.km
Calorific Power	- MJ/m
Tensione nominale U _o /U (Um)	0.3/0.5(0.6)kV

Caratteristiche d'utilizzo

Temperatura Operativa	-20 ... 60 °C
Densita' fumo	IEC 61034-2
Fuoco ritardante	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Resistenza al fuoco	EN 50200/362
Resistenza ad interferenza elettromagnetica	Si
Resistenza U.V.	Si
Life cycle 60years	Si
Temperatura massima di servizio del conduttore	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

LYNXEO 279 Nber of cores & cross-section Cu EG CST 74 C 068 K3 SH 0.3/0.5(0.6) kV EN 50200/362
YYYY Manufacturing number + metric marking