



Reference: 10220647  
Country Ref.: 01270448  
EAN 13: 3427580644191

## 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 of the containment area (K3)
- Overall Screen (EG)
- Armoured by braid (TZ) or tapes (AR)

## STANDARDS

Product IEC 60228

Test 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). They are well adapted to underground use.

## CONSTRUCTION

### Conductor:

- Stranded plain copper (class 2)

### Insulation:

- Zero halogen (SH), cross-linked

### Assembling:

- Polyester tape (optional)

### Overall screen:

- Copper wire braid (CWB)  $R \geq 80\%$

### Inner sheath:

- Low smoke, zero halogen (LSZH)

### Armour:

- Galvanized steel braid (Tz)  $\leq 4$  conductors
- Steel tapes (Ar)  $> 4$  conductors

### Outer sheath:

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

Core identification

Black cores printed with white numbers

Optional: with Y/G core

Marking

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



无卤  
IEC 60754-1; IEC  
60754-2



机械耐冲击性能  
好



操作温度  
-20 ... 60 °C



烟密度  
-



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



抗电磁干扰  
是



抗UV  
是



Life cycle  
60years  
是

## CHARACTERISTICS

## 结构特性

导体材料	裸铜
导体类型	Stranded, class 2
绝缘	无卤
屏蔽	Bare copper braid
内护套	LSZH
铠装类型	镀锌钢丝
外护套	低烟无卤
无卤	IEC 60754-1; IEC 60754-2
有绿/黄芯线	无

## 尺寸特性

导线截面	1 mm <sup>2</sup>
芯线数	3
导线直径	1.3 mm
绝缘外径	2.5 mm
Diameter over screen	6.4 mm
Diameter over inner sheath	7.8 mm
铠装外径	9.3 mm
外径最小值	12.1 mm
Maximum outer diameter	13.9 mm
近似重量	281 kg/km

## 电气特性

20° C时导体的最大直流电阻	18.1 Ohm/km
90° C时导体的最大直流电阻	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	32.0 V/A. km
Calorific Power	2.3 MJ/m

## 机械特性

机械耐冲击性能	好
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## 使用特性

操作温度范围	-20 ... 60 ° C
烟密度	-
阻燃	NF C 32070 C1; IEC 60332-3-24 (cat. B)
抗电磁干扰	是



无卤  
IEC 60754-1; IEC 60754-2



机械耐冲击性能  
好



操作温度  
-20 ... 60 ° C



烟密度  
-



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



抗电磁干扰  
是



抗UV  
是



Life cycle  
60years  
是

## 使用特性

抗UV	是
Life cycle 60years	是
芯线最高静止温度	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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kV YYYY Manufacturing number + metric marking



无卤  
IEC 60754-1; IEC 60754-2



机械耐冲击性能好



操作温度  
-20 ... 60 ° C



烟密度  
-



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



抗电磁干扰  
是



抗UV  
是



Life cycle  
60years  
是