



Reference: 10225535  
EAN 13: 3427580657580

## CONTACT

Markets and Products 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)
- Without Screen (SE)
- 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).

## DESIGN

### 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

### 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 G/Y core

## Marking

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



无卤  
IEC 60754-1; IEC 60754-2



额定电压U<sub>0</sub>/U  
0.3/0.5(0.6)kV



机械耐冲击性能  
好



操作温度  
-20 ... 60 °C



烟密度  
IEC 61034-2



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



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
内护套	LSZH
铠装类型	双钢带
外护套	低烟无卤
无卤	IEC 60754-1; IEC 60754-2

## 尺寸特性

导线截面	1 mm <sup>2</sup>
芯线数	7
导线直径	1.3 mm
绝缘外径	2.5 mm
Diameter over inner sheath	9.5 mm
铠装外径	10.4 mm
外径最小值	13.8 mm
Maximum outer diameter	15.7 mm
近似重量	340 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	36.9 V/A.km
Calorific Power	2.5 MJ/m
额定电压U <sub>0</sub> /U	0.3/0.5(0.6) kV

## 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	IEC 61034-2
阻燃	NF C 32070 C1; IEC 60332-3-24 (cat.B)
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