



Reference: 10176320  
EAN 13: 3427580464850

### 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 inside of the containment area (K1)
- Overall Screen (EG)
- Unarmoured (NA)

### 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).

### 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)  $R \geq 80\%$

#### 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



无卤  
IEC 60754-1; IEC 60754-2



额定电压U<sub>0</sub>/U  
0.3/0.5 (0.6) kV



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



Life cycle  
60years  
是



耐辐射  
Yes

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
屏蔽		Copper Braid
外护套		低烟无卤
无卤		IEC 60754-1; IEC 60754-2
尺寸特性		
导线截面		1 mm²
芯线数		14
导线直径		1.3 mm
绝缘外径		2.5 mm
Diameter over inner sheath		13.1 mm
Diameter over screen		14.4 mm
外径最小值		16.3 mm
Maximum outer diameter		19.5 mm
近似重量		550 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		5.7 MJ/m
额定电压U <sub>0</sub> /U		0.3/0.5 (0.6) kV
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
Life cycle 60years		是
耐辐射		Yes
Loss of coolant accident resistant		是
抗UV		是
芯线最高静止温度		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