



Reference: 10213643
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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 (K2)
- 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).

DESIGN

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) $R \geq 80\%$

Outer sheath:

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

Core identification

Black cores printed with white numbers

Optional: with G/Y core.



无卤
IEC 60754-1; IEC 60754-2



额定电压U_o/U
0.3/0.5 (0.6) kV



操作温度
-20 ... 60 °C



烟密度
EN/IEC 61034-2



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



耐火
EN 50200/362



抗电磁干扰
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
屏蔽	Bare 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 mm ²
芯线数	19
导线直径	1.3 mm
绝缘外径	3.5 mm
Diameter over inner sheath	20.1 mm
Diameter over screen	21.3 mm
外径最小值	23.3 mm
Maximum outer diameter	26.7 mm
近似重量	1030 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	0.121 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	6.8 MJ/m
额定电压U ₀ /U	0.3/0.5(0.6) kV

使用特性

操作温度范围	-20 ... 60 ° C
烟密度	EN/IEC 61034-2
阻燃	NF C 32070 C1; IEC 60332-3-24 (cat. B)
耐火	EN 50200/362
抗电磁干扰	是
Life cycle 60years	是
耐辐射	Yes
抗UV	是
芯线最高静止温度	90 ° C
Nuclear Classification	K2

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 K2 SH 0.3/0.5(0.6) kV EN 50200/362
YYYY Manufacturing number + metric marking