



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 80 %

Outer sheath:

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

Core identification

Black cores printed with white numbers

Optional: with G/Y core.



Halogen free
IEC 60754 - 1; IEC 60754 - 2



Uo/U
(Um)
0.3/0.5(0.6)kV



Operating temp.
- 20 ... 60 ° C



EN/IEC 61034 - 2



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



Fire resistant
EN 50200/362



Electro magnetic
interference
resistance
Yes



Life cycle 60years
Yes

CHARACTERISTICS

	2 ()
	LSZH Bare copper braid
Halogen free	IEC 60754 - 1; IEC 60754 - 2
	1 mm ² 19 1.3 mm 3.5 mm
Diameter over insulation	20.1 mm
Diameter over inner sheath	21.3 mm
Diameter over screen	23.3 mm
Minimum outer diameter	26.7 mm
Maximum outer diameter	1030 kg/km
()	
20 ° C DC	18.1 Ohm/km
Maximum DC resistance of the conductor at 90 ° C	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
U _o /U (U _m)	0.3/0.5(0.6)kV
操作度范	- 20 ... 60 ° C EN/IEC 61034 - 2
Fire retardant	NF C 32070 C1; IEC 60332 - 3 - 24 (cat.B)
Fire resistant	EN 50200/362
Electro magnetic interference resistance	Yes
Life cycle 60years	Yes
Radiation resistant	Yes
U.V resistance	Yes
Max. conductor temperature in service	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