



Reference: 10194039
EAN 13: 3427580560217

CONTACT

Markets and Products Information
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- CST 74C068
- Quality insurance according to RCC - E
- Zero halogen (SH)
- Control cables 0.15/0.25 (0.3)kV
- Cables installed outside of the containment area (K3)
- Overall Screen (EG)
- Unarmoured (NA)

STANDARDS

Product IEC 60228

Test 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 plain copper (class 2)

Insulation: - Zero halogen (SH), cross-linked

Assembling: Polyester tape (optional)

Overall screen: - Copper wire braid (CWB) R 80%

Outer sheath:

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

Core identification

Black cores printed with white numbers

Marking

LYNXEO 279 Nber of cores & cross-section Cu EG CST 74 C 068 K3 SH 0.15/0.25 (0.3) kV YYYY Manufacturing number + metric marking



Halogen free
IEC 60754 - 1; IEC
60754 - 2



Operating temp.
- 20 ... 60 °C



IEC 61034 - 2



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



Electro magnetic
interference
resistance
Yes



U.V resistance
Yes



Life cycle 60years
Yes



Max. conductor
temp. in service
90 °C

CHARACTERISTICS

	2	()
	Copper Braid	
Halogen free	IEC 60754 - 1; IEC 60754 - 2	
	0.44 mm ²	
	27	
	0.9 mm	
Diameter over insulation	1.8 mm	
Diameter over screen	12.5 mm	
Minimum outer diameter	16.5 mm	
Maximum outer diameter	19.0 mm	
()	520 kg/km	
20 ° C	DC	36 Ohm/km
Maximum DC resistance of the conductor at 90 ° C		45.900 Ohm/km
Reactance at 50 Hz		0.103 Ohm/km
Short Circuit Current 0,3 s Max		0.13 kA
Short Circuit Current 1 s Max		0.07 kA
Impedance at 50 Hz		36 Ohm
Voltage Drop		73.6 V/A.km
Calorific Power		5.1 MJ/m
操作度范	- 20 ... 60 ° C	
	IEC 61034 - 2	
Fire retardant	NF C 32070 C1; IEC 60332 - 3 - 24 (cat.B)	
Electro magnetic interference resistance	Yes	
U.V resistance	Yes	
Life cycle 60years	Yes	
Max. conductor temperature in service	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