



Reference: 10265135
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CONTACT

Market information
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- CST 74C068
- Quality insurance according to RCC - E
- Zero halogen (SH)
- Control cables 0.6/1(1.2)kV
- Cables installed outside the containment area (K3)
- Overall screened (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).

DESIGN

Conductor:

- Stranded (class 2) or flexible (class 5) plain copper

Insulation:

- Zero halogen (SH), cross - linked

Assembling:

- An inner sheath acting as a filler or polyester tape

Screen:

- Copper wire braid (CWB) R 80%

Outer sheath:

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

CORE IDENTIFICATION

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 K3 SH
0.6/1(1.2) kV YYYY Manufacturing number + metric marking



Halogen free
IEC 60754 - 1; IEC
60754 - 2



U₀/U
(Um)
0.6/ 1 (1.2) kV



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

CHARACTERISTICS

	2 ()	
		Bare copper braid
Halogen free		IEC 60754 - 1; IEC 60754 - 2
		16 mm ²
		3
		4.9 mm
Diameter over insulation		6.3 mm
Diameter over screen		14.7 mm
Minimum outer diameter		17.1 mm
Maximum outer diameter		19.7 mm
()		795 kg/km
20 ° C	DC	1.15 Ohm/km
Maximum DC resistance of the conductor at 90 ° C		1.460 Ohm/km
Reactance at 50 Hz		0.076 Ohm/km
Short Circuit Current 0,3 s Max		4.2 kA
Short Circuit Current 1 s Max		2.6 kA
Voltage Drop		2.4 V/A.km
Impedance at 50 Hz		1.15 Ohm
Calorific Power		3.5 MJ/m
Permissible short circuit current		- kA
U _o /U (U _m)		0.6/ 1 (1.2) kV
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

Marking

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