



Reference: 10176346
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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 (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 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



Halogen free
IEC 60754 - 1; IEC
60754 - 2



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



Operating temp.
- 20 ... 60 ° C



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



Electro magnetic
interference
resistance
Yes



Life cycle 60years
Yes



Radiation
resistant
Yes

CHARACTERISTICS

	2	()
	LSZH	
	Copper Braid	
Halogen free	IEC 60754 - 1; IEC 60754 - 2	
	1.5 mm ²	
	19	
	1.5 mm	
Diameter over insulation	2.7 mm	
Diameter over inner sheath	15.8 mm	
Diameter over screen	17.1 mm	
Minimum outer diameter	19.4 mm	
Maximum outer diameter	22.9 mm	
()	860 kg/km	
20 ° C	DC	12.1 Ohm/km
Maximum DC resistance of the conductor at 90 ° C		15.400 Ohm/km
Reactance at 50 Hz		0.096 Ohm/km
Short Circuit Current 0,3 s Max		0.39 kA
Short Circuit Current 1 s Max		0.21 kA
Impedance at 50 Hz		12.1 Ohm
Voltage Drop		21.4 V/A.km
Calorific Power		8 MJ/m
U ₀ /U (U _m)		0.3/0.5(0.6)kV
操作度范		- 20 ... 60 ° C
		-
Fire retardant	NF C 32070 C1; IEC 60332 - 3 - 24 (cat.B)	
Electro magnetic interference resistance		Yes
Life cycle 60years		Yes
Radiation resistant		Yes
Loss of coolant accident resistant		Yes
U.V resistance		Yes
Max. conductor temperature in service		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