



Reference: 10263807  
EAN 13: 3427580722431

### CONTACT

Markets and Products 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)
- Without Screen (SE)
- 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.

### DESIGN

#### Conductor:

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

#### Insulation:

- Zero halogen (SH), cross - linked

#### Assembling:

- Polyester tape (optional)

#### 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 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



IEC 61034 - 2



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



Life cycle 60years  
Yes



U.V resistance  
Yes



Radiation  
resistant  
Yes

## CHARACTERISTICS

		2 ( )
Halogen free		IEC 60754 - 1; IEC 60754 - 2
		1 mm <sup>2</sup>
		7
		1.3 mm
Diameter over insulation		2.5 mm
Minimum outer diameter		10.3 mm
Maximum outer diameter		11.9 mm
( )		185 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		0.1 Ohm/km
Short Circuit Current 0,3 s Max		0.26 kA
Short Circuit Current 1 s Max		0.14 kA
Voltage Drop		36.9 V/A.km
Impedance at 50 Hz		18.1 Ohm
Calorific Power		1.4 MJ/m
U <sub>o</sub> /U (U <sub>m</sub> )		0.3/0.5(0.6)kV
操作度范		- 20 ... 60 ° C
		IEC 61034 - 2
Fire retardant		NF C 32070 C1; IEC 60332 - 3 - 24 (cat.B)
Life cycle 60years		Yes
U.V resistance		Yes
Radiation resistant		Yes
Loss of coolant accident resistant		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