



Reference: 10257547
EAN 13: 3427580713804

CONTACT

Markets and Products Information
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Control cables CST 74C068 for nuclear power plants, 500V halogen - free. These cables, installed outside the containment area (K3), are unarmed and without shielding.

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 Y/G core



Halogen free



U₀/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)



U.V resistance
Yes



Life cycle 60years
Yes



Max. conductor
temp.in service
90 °C

CHARACTERISTICS

	2 ()
Halogen free	-
	1 mm ²
	9
	1.3 mm
Diameter over insulation	2.5 mm
Minimum outer diameter	11.1 mm
Maximum outer diameter	12.8 mm
()	220 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
Impedance at 50 Hz	18.1 Ohm
Voltage Drop	36.9 V/A.km
Calorific Power	1.7 MJ/m
U _o /U (U _m)	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)
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

LYNXEO 279 Nber of cores & cross - section Cu CST 74 C 068 K3 SH 0.3/0.5(0.6)
kV YYYY Manufacturing number + metric marking