



Reference: 10272415
EAN 13: 3427580736704

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 outside of the containment area (K3)
- Without Screen (SE)
- Armoured by braid (TZ) or tapes (AR)

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:

- Polyester tape (optional)

Inner sheath:

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

Armour:

- Galvanized steel braid (Tz) 4 conductors
- Steel tapes (Ar) > 4 conductors

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 ARME CST 74 C 068 K3 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



Mechanical
resistance to
impacts
Good



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

CHARACTERISTICS

	2 ()
Armour type	LSZH
Halogen free	IEC 60754 - 1; IEC 60754 - 2
	1.5 mm ²
	12
	1.6 mm
Diameter over insulation	2.7 mm
Diameter over inner sheath	13.5 mm
Diameter over armour	14.4 mm
Minimum outer diameter	16.8 mm
Maximum outer diameter	19.4 mm
()	595 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	0.092 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	24.8 V/A.km
Calorific Power	5.5 MJ/m
U ₀ /U (U _m)	0.3/0.5(0.6)kV
Mechanical resistance to impacts	Good
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