



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

Produkt IEC 60228

Tests 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



Halogenfrei
 IEC 60754-1; IEC 60754-2



Betriebstemp.
 -20 ... 60 °C



Rauchdichte
 IEC 61034-2



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



Elektromagnetisch
 geschirmt
 Ja



UV Beständigkeit
 Ja



Life cycle 60years
 Ja



Max. Betriebstemp.
 am Leiter
 90 °C

CHARACTERISTICS**Konstruktionsmerkmale**

Leitermaterial	blank
Isolierung	Halogen-free
Leitertype	Stranded, class 2
Schirm	blankes Kupfergeflecht
Außenmantel	LSZH, raucharm & halogenfrei
Halogenfrei	IEC 60754-1; IEC 60754-2

Elektrische Eigenschaften

Kurzschlussstrom	- kA
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Anwendungsmerkmale

Betriebstemperatur	-20 ... 60 °C
Rauchdichte	IEC 61034-2
Flammwidrig	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Elektromagnetisch geschirmt	Ja
UV Beständigkeit	Ja
Life cycle 60years	Ja
Max. Betriebstemperatur am Leiter	90 °C
Nuclear Classification	Class 1 E Non LOCA/K3

STRANDED CLASS 2

Reference Name	Querschnitt [mm ²]	Aderanzahl	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over screen [mm]	Min. Außendurchmesser [mm]	Max. Außendurchmesser [mm]	Gewicht ca. [kg/km]
10265083 74C068 SH C 0.6/1kV 3x6 Cu2 K3 EG NA	6	3	3,0	4,4	10,3	13,1	15,1	400
10265136 74C068 SH C 0.6/1kV 4x6 Cu2 K3 EG NA	6	4	3,0	4,4	11,6	14,2	16,4	485
10265134 74C068 SH C 0.6/1kV 3x10 Cu2 K3 EG NA	10	3	3,9	5,3	12,3	15,0	17,2	560
10265135 74C068 SH C 0.6/1kV 3x16 Cu2 K3 EG NA	16	3	4,9	6,3	14,7	17,1	19,7	795

SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter
To be doubled during laying operations

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