



Reference: 10213052
EAN 13: 3427580629686

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 (K2)**
- Overall screened (EG)
- Unarmoured (NA)

STANDARDS

Produkt IEC 60228

Tests 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)
- Colour: grey

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 K2 SH 0.3/0.5 (0.6) 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



Radiation resistant
Ja

CHARACTERISTICS**Konstruktionsmerkmale**

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

Abmessungsmerkmale

Leiterquerschnitt	0,5 mm ²
Aderanzahl	37
Leiterdurchmesser	0,9 mm
Durchmesser über Isolierung	2,2 mm
Durchmesser über Innenmantel	17,2 mm
Diameter over screen	18,5 mm
Außendurchmesser Mindestwert	20,5 mm
Maximaler Außendurchmesser	24,1 mm
Nettogewicht ca.	830 kg/km

Elektrische Eigenschaften

Max. Gleichstromwiderstand des Leiters bei 20° C	36 Ohm/km
Maximum DC resistance of the conductor at 90°C	45,900 Ohm/km
Reactance at 50 Hz	0,112 Ohm/km
Short Circuit Current 0,3 s Max	0,13 kA
Short Circuit Current 1 s Max	0,07 kA
Impedance at 50 Hz	36 Ohm
Spannungsabfall	73,6 V/A.km
Calorific Power	5,8 MJ/m

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
Radiation resistant	Ja
Max. Betriebstemperatur am Leiter	90 °C
Nuclear Classification	K2

SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter
To be doubled during laying operations

Marking

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