



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)
- **Fire resistant**

STANDARDS

Produkt IEC 60228

Tests a; EN 50200; EN 50362; 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

Flame barrier:

- Mica tape (MGT)

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.



Halogenfrei
IEC 60754-1; IEC 60754-2



Nennspannung U₀/U
0.3/0.5(0.6)kV



Betriebstemp.
-20 ... 60 °C



Rauchdichte
EN/IEC 61034-2



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



Feuerbeständig
EN 50200/362



Elektromagnetisch
geschirmt
Ja



Life cycle 60years
Ja

CHARACTERISTICS

Konstruktionsmerkmale

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

Elektrische Eigenschaften

Nennspannung U ₀ /U	0.3/0.5(0.6)kV
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Anwendungsmerkmale

Betriebstemperatur	-20 ... 60 °C
Rauchdichte	EN/IEC 61034-2
Flammwidrig	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Feuerbeständig	EN 50200/362
Elektromagnetisch geschirmt	Ja
Life cycle 60years	Ja
Radiation resistant	Ja
UV Beständigkeit	Ja
Max. Betriebstemperatur am Leiter	90 °C
Nuclear Classification	K2

STRANDED CLASS 2

Reference Name	Querschnitt [mm²]	Aderanzahl	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over inner sheath [mm]	Diam. over screen [mm]	Min. Außen- durch- messer [mm]	Max. Außen- durch- messer [mm]	Gewicht t ca. [kg/km]
10213642 74C068 SH C 500V 14x1 Cu2 K2 EG NA EN 50200/362	1	14	1,3	3,5	18	19,3	20,0	24,0	805
10213643 74C068 SH C 500V 19x1 Cu2 K2 EG NA EN 50200/362	1	19	1,3	3,5	20,1	21,3	23,3	26,7	1030
10257531 74C068 SH C 500V 37x1,5 Cu2 K2 EG NA EN 50200/362	1,5	37	1,5	3,6	28,6	30,1	31,5	36,3	1925

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 EG CST 74 C 068 K2 SH 0.3/0.5(0.6) kV EN 50200/362
YYYY Manufacturing number + metric marking