



Reference: 10253352
EAN 13: 3427580704758

CONTACT

Market information
 industryprojects.business@lynxgroup.com

- CST 74C068
- Quality insurance according to RCC-E
- Zero halogen (SH)
- Control cables 0.3/0.5(0.6)kV
- **Cables installed outside the containment area (K3)**
- 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).

CONSTRUCTION

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
 IEC 61034-2



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



Feuerbeständig
 EN 50200/362



Elektromagnetisch
 geschirmt
 Ja



UV Beständigkeit
 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

Abmessungsmerkmale

Leiterquerschnitt	0,5 mm ²
Aderanzahl	12
Leiterdurchmesser	0,9 mm
Durchmesser über Isolierung	3,0 mm
Durchmesser über Innenmantel	14,9 mm
Diameter over screen	16,2 mm
Außendurchmesser Mindestwert	19,1 mm
Maximaler Außendurchmesser	19,9 mm
Nettogewicht ca.	580 kg/km

Elektrische Eigenschaften

Max. Gleichstromwiderstand des Leiters bei 20° C	- Ohm/km
Maximum DC resistance of the conductor at 90°C	- Ohm/km
Reactance at 50 Hz	- Ohm/km
Short Circuit Current 0,3 s Max	- kA
Short Circuit Current 1 s Max	- kA
Impedance at 50 Hz	- Ohm
Spannungsabfall	- V/A.km
Calorific Power	- MJ/m
Nennspannung U _o /U	0.3/0.5(0.6)kV

Anwendungsmerkmale

Betriebstemperatur	-20 ... 60 °C
Rauchdichte	IEC 61034-2
Flammwidrig	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Feuerbeständig	EN 50200/362
Elektromagnetisch geschirmt	Ja
UV Beständigkeit	Ja
Life cycle 60years	Ja
Max. Betriebstemperatur am Leiter	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 EG CST 74 C 068 K3 SH 0.3/0.5(0.6) kV EN 50200/362
YYYY Manufacturing number + metric marking