



CONTACT

Market information
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- Low voltage cables 0.6/1 (1.2) V
- CST 74C068
- Zero halogen (SH)
- **Cables installed inside of the containment area (K1)**
- Unarmoured (NA)

STANDARDS

Produkt IEC 60228

Tests IEC 60332-3-23; IEC 60754-1; IEC 61034-2; NF C32-070/C1

APPLICATIONS

These low voltage cables are used for lighting system power supply, engine power supply and solenoid valve power supply.

DESIGN

Design

Conductor:

Stranded bare copper or aluminium (class 2)

Insulation:

Cross-linked halogen free (SH)

Covering (optional):

Halogen free

Outer sheath:

Low smoke, zero halogen (LSZH)

Colour: Blue

Core identification

According to HD308 S2

Marking

LYNXEO 279 Nber of cores & cross-section Cu/Al CST 74 C 068 00 K1 SH 0.6/1 (1.2) kV YYYY Manufacturing number + metric marking

STANDARD



Halogenfrei
 IEC 60754-1



Nennspannung Uo/
 U
 0.6/ 1 (1.2) kV



Standard
 IEC 60332-3-23(B)
 Flammwidrig
 NF C 32070 C1
 IEC 60332-3-23
 (cat.B)
 Rauchdichte
 EN/IEC 61034-2



Radiation resistant
 Ja



LOCA
 Ja



Life cycle 60years
 Ja



Max. Betriebstemp.
 am Leiter
 90 °C

CHARACTERISTICS

Konstruktionsmerkmale

Leitermaterial	blank
Leitertyp	Stranded, class 2
Isolierung	Halogen-free
Außenmantel	Halogen-free
Halogenfrei	IEC 60754-1

Abmessungsmerkmale

Leiterquerschnitt	1,5 mm ²
Aderanzahl	2
Leiterdurchmesser	1,55 mm
Durchmesser über Isolierung	2,95 mm
Außendurchmesser Mindestwert	9,8 mm
Maximaler Außendurchmesser	11,0 mm
Nettogewicht ca.	180 kg/km

Elektrische Eigenschaften

Nennspannung U ₀ /U	0.6/ 1 (1.2) kV
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Anwendungsmerkmale

Flammwidrig	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Rauchdichte	EN/IEC 61034-2
Radiation resistant	Ja
Loss of coolant accident resistant	Ja
Life cycle 60years	Ja
Max. Betriebstemperatur am Leiter	90 °C
Betriebstemperatur	-20 ... 60 °C
Nuclear Classification	Class 1 E LOCA /K1

SELLING AND DELIVERY INFORMATION

Minimum bending radius:

8 x outer diameter
To be doubled during laying operations



Halogenfrei
IEC 60754-1



Nennspannung U₀/U
0.6/ 1 (1.2) kV



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



Rauchdichte
EN/IEC 61034-2



Radiation resistant
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