



CONTACT

Market information
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- Low voltage cables 0.6/1 (1.2) V
- CST 74C068
- Zero halogen (SH)
- **Cables installed outside of the containment area (K3)**
- Armoured (NA)

STANDARDS

Producto IEC 60228

Ensayo 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. They are well adapted to under ground use.

DESIGN

Design

Conductor:

Stranded bare copper or aluminium (class 2)

Insulation:

Cross-linked halogen free (SH)

Covering (optional):

Flame retardant filler material

Inner sheath:

Low smoke, zero halogen (LSZH)

Armour:

Steel tape (STA) or aluminium tape (ATA) for 1 core cable

Outer sheath:

Low smoke, zero halogen (LSZH)

Colour: Blue

Core identification

According to HD308 S2

Marking

LYN^{EO} 279 Nber of cores & cross-section Cu/Al Armé CST 74 C 068 00 K3 SH 0.6/1
 (1.2) kV YYY Y Manufacturing number + metric marking



Libre de halógenos
 IEC 60754-1



Tensión nominal de servicio
 Uo/U
 0.6/ 1 (1.2) kV



No propagador del incendio
 NF C 32070 C1; IEC
 60332-3-23 (cat.B)



Densidad de los humos
 EN/IEC 61034-2



Temp. ambiente de
 utilización
 -20 ... 60 °C



Max.conductor temp.in
 service
 90 °C

STANDARD

Standard

All drawings, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynx^{eo} is indicative only and shall not be binding on Lynx^{eo} or be treated as constituting a representation on the part of Lynx^{eo}.
 Quality insurance according to ISO 9001

CHARACTERISTICS

Características de construcción

Material del conductor	Plain copper
Type of conductor	Stranded, class 2
Aislamiento	Halogen-free
Cubierta exterior	Halogen-free
Libre de halógenos	IEC 60754-1
Con conductor amarillo/verde	No

Características dimensionales

Sección del conductor	95 mm ²
Número de conductores	3
Diámetro del conductor	11,4 mm
Diámetro sobre aislamiento	13,6 mm
Diameter over armour	33,1 mm
Diámetro exterior mínimo	36,5 mm
Diámetro exterior máximo	41,0 mm
Peso aproximado	3985 kg/km

Características eléctricas

Tensión nominal de servicio U _o /U	0.6/ 1 (1.2) kV
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Características de uso

No propagador del incendio	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Densidad de los humos	EN/IEC 61034-2
Temperatura ambiente de utilización (rango)	-20 ... 60 °C
Temperatura máxima del conductor	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



Libre de halógenos
IEC 60754-1



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Densidad de los humos
EN/IEC 61034-2



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