



CONTACT

Market information
industryprojects.business@lyn
xeogroup.com

Low voltage cables CST 74C068 for nuclear power plants, 0.6/1kV halogen-free. These cables are intended to be installed outside the containment area (K1).

STANDARDS

Product IEC 60228

Test 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

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 K3 SH 0.6/1 (1.2) kV YYYY Manufacturing number + metric marking

STANDARD

IEC 60332-3-23(B)

Quality insurance according to RCC-E



无卤
IEC 60754-1



额定电压U₀/U
0.6/ 1 (1.2) kV



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



烟密度
EN/IEC 61034-2



操作温度
-20 ... 60 ° C



芯线最高静止温度
90 ° C

CHARACTERISTICS

结构特性

| | |
|--------|-------------------|
| 导体材料 | 裸铜 |
| 导体类型 | Stranded, class 2 |
| 绝缘 | 无卤 |
| 外护套 | 无卤 |
| 无卤 | IEC 60754-1 |
| 有绿/黄芯线 | 无 |

尺寸特性

| | |
|------------------------|---------------------|
| 导线截面 | 240 mm ² |
| 芯线数 | 3 |
| 导线直径 | 18.2 mm |
| 绝缘外径 | 21.6 mm |
| 外径最小值 | 54.2 mm |
| Maximum outer diameter | 59.8 mm |
| 近似重量 | 9106 kg/km |

电气特性

| | |
|-----------------------|-----------------|
| 额定电压U ₀ /U | 0.6/ 1 (1.2) kV |
|-----------------------|-----------------|

使用特性

| | |
|------------------------|--|
| 阻燃 | NF C 32070 C1; IEC 60332-3-24 (cat. B) |
| 烟密度 | EN/IEC 61034-2 |
| 操作温度范围 | -20 ... 60 ° C |
| 芯线最高静止温度 | 90 ° C |
| Nuclear Classification | Class 1 E Non LOCA/K3 |

SELLING AND DELIVERY INFORMATION

Minimum bending radius:

8 x outer diameter

To be doubled during laying operations



无卤
IEC 60754-1



额定电压U₀/U
0.6/ 1 (1.2) kV



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



烟密度
EN/IEC 61034-2



操作温度
-20 ... 60 ° C



芯线最高静止温度
90 ° C