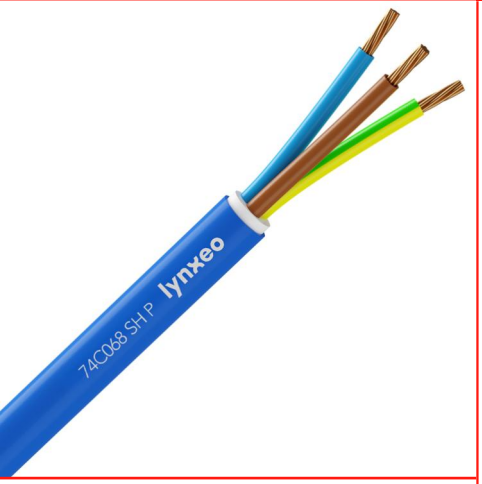
74C068 SH P ... K3 NA

74C068 SH P 1X185 Cu2 K3 NA



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

CONTACT

Market information
industryprojects.business@lynxeogroup.com

Halogen free
IEC 60754-1

Rated Voltage Uo/U (Um)
0.6/ 1 (1.2) kV

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

Smoke density
EN/IEC 61034-2

Operating temp.
-20 ... 60 °C

Max.conductor temp.in service
90 °C

74C068 SH P ... K3 NA

74C068 SH P 1X185 Cu2 K3 NA

CHARACTERISTICS

Construction characteristics	
Conductor material	Plain copper
Type of conductor	Stranded, class 2
Insulation	Halogen-free
Outer sheath	Halogen-free
Halogen free	IEC 60754-1
With Green/Yellow core	No
Dimensional characteristics	
Conductor cross-section	185 mm²
Number of cores	1
Conductor diameter	15.85 mm
Diameter over insulation	19.05 mm
Minimum outer diameter	25.9 mm
Maximum outer diameter	28.5 mm
Approximate weight	2184 kg/km
Electrical characteristics	
Rated Voltage Uo/U (Um)	0.6/ 1 (1.2) kV
Usage characteristics	
Fire retardant	NF C 32070 C1; IEC 60332-3-24 (cat.B)
Smoke density	EN/IEC 61034-2
Operating temperature, range	-20 ... 60 °C
Max. conductor temperature in service	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

Halogen free
IEC 60754-1


Rated Voltage Uo/U (Um)
0.6/ 1 (1.2) kV


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


Smoke density
EN/IEC 61034-2


Operating temp.
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