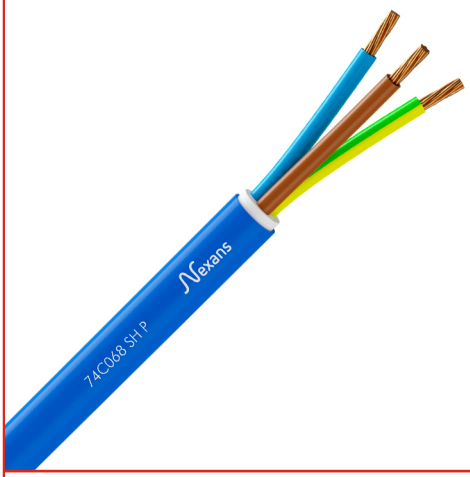
74C068 SH P ... K3 NA

74C068 SH P 1X400 Cu2 K3 NA

Contact
Market information
industryprojects.business@nexans.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).

DESCRIPTION

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

NEXANS 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

STANDARDS

International IEC 60228; IEC 60332-3-23; IEC 60754-1; IEC 61034-2

National NF C 32-070/C1

Halogen free	Rated Voltage Uo/U (Um)	Fire retardant	Smoke density	Operating temp.	Max.conductor temp.in service
IEC 60754-1	**0.6/ 1 (1.2) kV**	**NFC 32070 C1/IEC 60332-3-23(B)**	**EN/IEC 61034-2**	**-20 - 60 °C**	**90 °C**

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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	400 mm²
Number of cores	1
Conductor diameter	23.7 mm
Diameter over insulation	27.7 mm
Minimum outer diameter	34.6 mm
Maximum outer diameter	38.2 mm
Approximate weight	4286 kg/km
Electrical characteristics	
Rated Voltage Uo/U (Um)	0.6/ 1 (1.2) kV
Usage characteristics	
Fire retardant	NFC 32070 C1/IEC 60332-3-23(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
NFC 32070 C1/IEC 60332-3-23(B)


Smoke density
EN/IEC 61034-2


Operating temp.
-20 - 60 °C


Max.conductor temp.in service
90 °C