74C068 SH C 500V ... Cu2/5 K1 EG NA

CONTACT

Market information
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- CST 74C068
- Quality insurance according to RCC-E
- Zero halogen (SH)
- Control cables 0.3/0.5 (0.6) kV
- Cables installed inside of the containment area (K1)
- Overall Screen (EG)
- Unarmoured (NA)

STANDARDS

Product IEC 60228

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

APPLICATIONS

These control cables allow connection to a variety of industrial equipement from control room. Many of them require anti-inductive screen (EMI).

CONSTRUCTION

Conductor:
- Stranded (class 2) or flexible (class 5) plain copper

Insulation:
- Zero halogen (SH), cross-linked

Assembling:
- Polyester tape (optional)

Inner sheath:
- Low smoke, zero halogen (LSZH)

Overall screen:
- Copper wire braid (CWB) R ⩾ 80%

Outer sheath:
- Low smoke, zero halogen (LSZH)
- Colour: Grey

Core identification

Black cores printed with white numbers
Optional: with G/Y core

Marking

LYNXEO 279 Nber of cores & cross-section Cu EG CST 74 C 068 K1 SH 0.3/0.5 (0.6) kV YYYY Manufacturing number + metric marking

无卤	操作温度	烟密度	阻燃	抗电磁干扰	Life cycle	耐辐射	LOCA
IEC 60754-1; IEC 60754-2	-20 ... 60 ° C	-	NF C 32070 C1; IEC 60332-3-24 (cat.B)	是	60years 是	Yes	是

CHARACTERISTICS

结构特性	
导体材料	裸铜
绝缘	无卤
内护套	LSZH
屏蔽	Copper Braid
外护套	低烟无卤
无卤	IEC 60754-1; IEC 60754-2
使用特性	
操作温度范围	-20 ... 60 ° C
烟密度	-
阻燃	NF C 32070 C1; IEC 60332-3-24 (cat.B)
抗电磁干扰	是
Life cycle 60years	是
耐辐射	Yes
Loss of coolant accident resistant	是
抗UV	是
芯线最高静止温度	90 ° C
Nuclear Classification	Class 1 E LOCA /K1

STRANDED CLASS 2

Reference	Name	Cross section [mm²]	Nb. of cores	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over inner sheath [mm]	Diam. over screen [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
10176306	74C068 SH C 500V 2x1 Cu2 K1 EG NA	1	2	1.3	2.5	6.6	7.6	9.5	11.0	185
10176308	74C068 SH C 500V 3x1 Cu2 K1 EG NA	1	3	1.3	2.5	6.9	8.0	10.1	11.4	205
10176310	74C068 SH C 500V 4x1 Cu2 K1 EG NA	1	4	1.3	2.5	7.6	8.6	10.6	12.2	230
10176314	74C068 SH C 500V 7x1 Cu2 K1 EG NA	1	7	1.3	2.5	9	10.0	11.8	13.6	295
10176316	74C068 SH C 500V 9x1 Cu2 K1 EG NA	1	9	1.3	2.5	11.1	12.1	13.7	16.5	400
10176318	74C068 SH C 500V 12x1 Cu2 K1 EG NA	1	12	1.3	2.5	12.4	13.4	15.1	18.0	470
10176320	74C068 SH C 500V 14x1 Cu2 K1 EG NA	1	14	1.3	2.5	13.1	14.4	16.3	19.5	550

Reference	Name	Cross section [mm²]	Nb. of cores	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over inner sheath [mm]	Diam. over screen [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
10176330	74C068 SH C 500V 2x1,5 Cu2 K1 EG NA	1.5	2	1.5	2.7	6.9	8.0	10.1	11.5	205
10176332	74C068 SH C 500V 3x1,5 Cu2 K1 EG NA	1.5	3	1.5	2.7	7.3	8.4	10.4	12.0	235
10176334	74C068 SH C 500V 4x1.5 Cu2 K1 EG NA	1.5	4	1.5	2.7	8	9.1	10.9	12.8	267
10176342	74C068 SH C 500V 12x1,5 Cu2 K1 EG NA	1.5	12	1.5	2.7	13.3	14.6	16.7	19.9	610
10176346	74C068 SH C 500V 19x1,5 Cu2 K1 EG NA	1.5	19	1.5	2.7	15.8	17.1	19.4	22.9	860

FLEXIBLE CLASS 5

Reference	Name	Cross section [mm²]	Nb. of cores	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over inner sheath [mm]	Diam. over screen [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]
10176402	74C068 SH C 500V 27x0,5 Cu5 K1 EG NA	0.5	27	0.9	2.1	15.8	16.8	18.3	21.7	726
10263790	74C068 SH C 500V 2x1 Cu5 K1 EG NA	1	2	1.3	2.5	6.6	7.7	9.5	11.0	185
10243990	74C068 SH C 500V 3x1 Cu5 K1 EG NA	1	3	1.3	2.5	7	8.0	10.1	11.4	200

SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter
To be doubled during laying operations