



### 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

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. 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

LYNCEO 279 Nber of cores & cross-section Cu/Al Armé CST 74 C 068 00 K3 SH 0.6/1  
 (1.2) kV YYYY Manufacturing number + metric marking



无卤  
 IEC 60754-1



额定电压U<sub>o</sub>/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

### STANDARD

#### Standard

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Lynxéo is indicative only and shall not be binding on Lynxéo or be treated as constituting a representation of the actual product. Quantity insurance according to RCC-E

## CHARACTERISTICS

## 结构特性

导体类型	Stranded, class 2
绝缘	无卤
外护套	无卤
无卤	IEC 60754-1

## 电气特性

额定电压 $U_0/U$	0.6/ 1 (1.2) kV
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## 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

## 1 CONDUCTOR

Reference Name	导体材料	Cross section [mm <sup>2</sup> ]	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]	Green/ Yellow core
74C068 SH P 1x240 Cu2 K3 AR	裸铜	240	18.3	21.7	27.0	30.1	33.9	2883	无

## 2 CONDUCTORS

Reference Name	导体材料	Cross section [mm <sup>2</sup> ]	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]	Green/ Yellow core
10176143 74C068 SH P 2x2,5 Cu2 K3 AR	裸铜	2.5	1.91	3.27	10.1	12.8	15.0	335	无
10176149 74C068 SH P 2x6 Cu2 k3 AR	裸铜	6	2.95	4.31	12.5	15.3	17.8	475	无
10176155 74C068 SH P 2x16 Cu2 k3 AR	裸铜	16	4.8	6.16	15.8	18.4	21.2	801	无



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## 3 CONDUCTORS

Reference Name	导体材料	Cross section [mm <sup>2</sup> ]	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]	Green/ Yellow core
10176144 74C068 SH P 3x2,5 Cu2 K3 AR	裸铜	2.5	1.91	3.27	11.0	13.8	15.6	378	无
10219595 74C068 SH P 3G2,5 Cu2 K3 AR	裸铜	2.5	1.91	3.27	11.0	13.8	15.6	378	是
10176150 74C068 SH P 3x6 Cu2 k3 AR	裸铜	6	2.95	4.31	12.8	15.5	18.0	544	无
10176162 74C068 SH P 3x35 Cu2 k3 AR	裸铜	35	7.0	8.76	22.4	25.3	28.7	1746	无
10221827 74C068 SH P 3x95 Cu2 K3 Ar	裸铜	95	11.4	13.6	33.1	36.5	41.0	3985	无
10221827 74C068 SH P 3x240 Alu2 k3 AR	铝	240	18.0	46.1	52.6	56.9	63.2	5647	无

## 4 CONDUCTORS

Reference Name	导体材料	Cross section [mm <sup>2</sup> ]	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]	Green/ Yellow core
10176145 74C068 SH P 4x2,5 Cu2 K3 AR	裸铜	2.5	1.91	3.27	11.8	14.6	17.0	428	无
10224741 74C068 SH P 4G2,5 Cu2 k3 AR	裸铜	2.5	1.91	3.27	11.8	14.6	17.0	428	是
10176151 74C068 SH P 4x6 Cu2 k3 AR	裸铜	6	2.95	4.31	14.0	17.1	19.8	648	无
10176157 74C068 SH P 4x16 Cu2 k3 AR	裸铜	16	4.8	6.16	18.8	21.6	24.7	1256	无



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Reference Name	导体材料	Cross section [mm <sup>2</sup> ]	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]	Green/Yellow core
10176163	74C068 SH P 4x35 Cu2 K3 AR 裸铜	35	7.0	8.8	25.1	28.2	31.9	2240	无

## 5 CONDUCTORS

Reference Name	导体材料	Cross section [mm <sup>2</sup> ]	Conductor diam. [mm]	Diam. over insulation [mm]	Diam. over armour [mm]	Min. outer diam. [mm]	Max. outer diam. [mm]	Approx. weight [kg/km]	Green/Yellow core
10221775	74C068 SH P 5G2, 5 Cu2 k3 AR 裸铜	2.5	1.91	3.27	12.8	15.6	18.1	479	是
10224781	74C068 SH P 5G6 Cu2 k3 AR 裸铜	6	2.95	4.31	15.6	18.3	21.1	748	是

## SELLING AND DELIVERY INFORMATION

Minimum bending radius:

10 x outer diameter

To be doubled during laying operations



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