

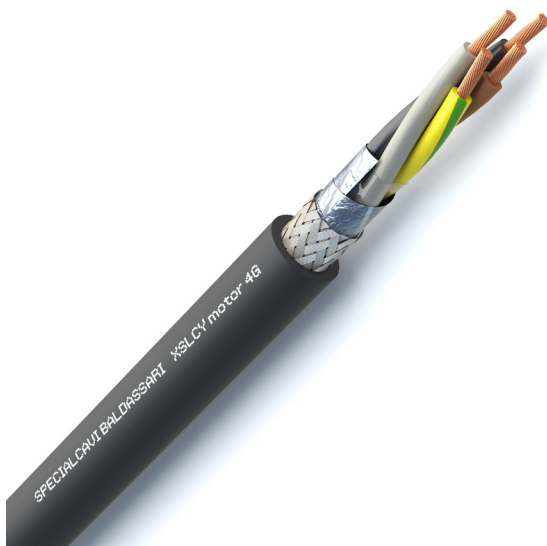


SPECIALCAVI BALDASSARI

POWER, CONTROL AND SIGNALLING

## XSLCY-J MOTOR | 4G

Marking: <meters> CE 0987 SPECIALCAVI BALDASSARI XSLCY-J <formation> <lot> <year> CCA-S2,D0,A3



### MANUFACTURING CHARACTERISTICS

#### Conductor:

Flexible bare copper, class 5

#### Insulation:

Cross-linked LSZH compound

#### Stranding:

Cores stranded in concentric layers

#### Wrapping and protection:

Overall polyester tape

#### Shield:

1st shield:

Overall aluminium/polyester tape

2nd shield:

Overall tinned copper braid

#### Outer sheath:

Flame retardant PVC compound

#### Colours:

Cores identification:

Brown + Black + Grey + Green/Yellow

Outer sheath colour:

Black (based on RAL 9005)

### ELECTRICAL CHARACTERISTICS

Nominal operating voltage: 0.6/1kV

Maximum operating voltage: 1.8kV DC and 1.2kV AC

Testing voltage: 4000V

### APPLICATIONS

Cable conforms to the requirements in the Construction Products Regulations (CPR EU 305/11), aimed at limiting the production and diffusion of fire and smoke.

Shielded cable used to power motors with frequency converters when full electromagnetic compatibility (EMC) is required. Suitable for both static and dynamic connections (occasional movement) in industrial plants, process lines and machines operating in dry or damp environments.

Direct or indirect underground laying is permitted.



### STANDARDS

IEC 60228

IEC 60332-3-24 Cat.C

### REACTION TO FIRE CLASS

EN 50575:2016 C<sub>ca</sub> - s2, d0, a3

### TEMPERATURES

Minimum working temperature:

- Fixed laying -25°C
- Occasional mobile laying w/o stress -5°C

Maximum working temperature:

- Fixed laying +90°C
- Occasional mobile laying w/o stress +90°C

Maximum short circuit temperature: +250°C

### LAYING CONDITIONS



Minimum installation temperature -5°C



Min. bending radius:  
d8 (fixed laying)  
d15 (occasional mobile laying)



Max tensile stress:  
50N/mm<sup>2</sup> (during installation)  
15N/mm<sup>2</sup> (static stress)



Fixed laying



Occasional mobile laying w/o stress



In open air



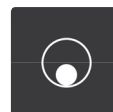
In duct or cable tray



In buried trough



Buried with protection



In buried duct



Directly buried

### ON REQUEST

- Customized cores identification/outer sheath colours



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PART NUMBER	FORMATION	OUTER DIAMETER <sup>1</sup>	WEIGHT <sup>1</sup>	MAX PHASE CONDUCTOR RESISTANCE AT 20°C
[n°]	[n° x mm <sup>2</sup> ]	[mm]	[kg/km]	[Ohm/km]
*2CZYK15004	4G 1.50	10.6	178	13.30
*2CZYK25004	4G 2.50	11.9	240	7.98
*2CZYK40004	4G 4.00	13.9	352	4.95
*2CZYK60004	4G 6.00	15.1	452	3.30
*2CZYK100004	4G 10.00	17.8	668	1.91
*2CZYK160004	4G 16.00	20.5	963	1.21
*2CZYK250004	4G 25.00	24.6	1434	0.78
*2CZYK350004	4G 35.00	27.8	1916	0.554
*2CZYK500004	4G 50.00	32.0	2644	0.386
*2CZYK700004	4G 70.00	38.7	3731	0.272
*2CZYK950004	4G 95.00	43.4	4919	0.206
*2CZYK1200004	4G 120.00	49.2	6216	0.161
*2CZYK1500004	4G 150.00	53.1	7581	0.129
*2CZYK1850004	4G 185.00	59.4	9375	0.106
*2CZYK2400004	4G 240.00	67.0	12027	0.0801

\* According to in-stock availability, cable which must be produced on request and minimum quantity

<sup>1</sup> Unless otherwise specified, the values for weight and diameter are indicative.

Note: other values, if available and released for publication, are available on request.