

2XSL (ST) CYK-JB 0,6/1 kV



alkalmazás

This motor connection cable for frequency converters ensures EMC in systems and buildings, facilities with devices and equipment from which electromagnetic interference fields can have an impermissible effect on the environment. As a connection and joining cable for medium mechanical stress in fixed installations and occasional free movement in dry, damp, and wet rooms and outdoors. The XLPE core insulation has better transmission properties with the same cross-section.

EMC = Electromagnetic compatibility

The materials used are free from silicon and cadmium and free from varnish damaging substances.

szabványok

DIN VDE 0276-603,
CPR EU 305/11, CEI 20-29 EN IEC 60228, CEI 20-11,
HD 60364-5-54:2009 (AD7), ISO 4892-2 (QUV A test)

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

beállítások

belső vezető	bare copper class 5 flexible
magszigetelés	crosslinked polyethylene (XLPE)
Alapszínkód	Green/Yellow-Brown-Black-Grey
Fordító elem	cores stranded in concentric layers, polyester tape
Teljes árnyékolás	First screen: aluminium/polyester tape, Second screen: tinned copper braid
külső kabát anyaga	polyvinyl chloride (PVC), black
Ellenáll	UV resistant

Application

This motor connection cable for frequency converters ensures EMC in systems and buildings, facilities with devices and equipment from which electromagnetic interference fields can have an impermissible effect on the environment. As a connection and joining cable for medium mechanical stress in fixed installations and occasional free movement in dry, damp, and wet rooms and outdoors. The XLPE core insulation has better transmission properties with the same cross-section.

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Standards

DIN VDE 0276-603,
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HD 60364-5-54:2009 (AD7), ISO 4892-2 (QUV A test)

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Construction

Inner Conductor	bare copper class 5 flexible
Core Insulation	crosslinked polyethylene (XLPE)
Core Color	Green/Yellow-Brown-Black-Grey
Stranding Elements	cores stranded in concentric layers, polyester tape
Overall Shielding	First screen: aluminium/polyester tape, Second screen: tinned copper braid
Outer Insulation Material Constant Against	polyvinyl chloride (PVC), black UV resistant

Műszaki adatok

névleges feszültség	U ₀ /U: 600 /1000 Volt
Névleges feszültség DC DC	U ₀ /U: 900 /1800 Volt
Vizsgálati feszültség	4000 Volt
Hajlítási sugár bew. (xD)	15
Rögzített hajlítási sugár (xD)	5
Rögzített üzemi hőmérséklet	-25 °C bis 90 °C
Üzemi hőmérséklet mozgatható	-5 °C bis 90 °C
Rövidzárlat hőmérséklete	250 °C

Technical Data

Nominal Voltage	U ₀ /U: 600 /1000 Volt
Nominal Volatage DC	U ₀ /U: 900 /1800 Volt
Test Voltage	4000 Volt
Bending Radius moved (xD)	15
Bending Radius fixed (xD)	5
Operating Temperature solid	-25 °C to 90 °C
Operating Temperature moving	-5 °C to 90 °C
Short Circuit Temperature	250 °C

Művészet. nem. Prod. Nr.	méret Dimensions	festék Color	súly (kg/km) Weight (kg/km) approx.	Külső átmérő (mm) Outer-Diameter (mm) approx.	Levegőáram-teherbírás (A) Power Load Air (A)
07759002	4 x 1,5	fekete - black	220,0	10,6	23
07759003	4 x 2,5	fekete - black	280,0	12,3	32
07759004	4 x 4	fekete - black	390,0	14,0	42
07759005	4 x 6	fekete - black	460,0	15,8	54
07759006	4 x 10	fekete - black	750,0	18,9	75
07759007	4 x 16	fekete - black	1.050,0	21,9	100
07759008	4 x 25	fekete - black	1.500,0	26,2	127
07759009	4 x 35	fekete - black	2.010,0	29,6	158
07759010	4 x 50	fekete - black	2.750,0	34,1	192
07759001	4 x 70	fekete - black	3.650,0	39,5	246
07759011	4 x 95	fekete - black	4.600,0	44,3	298
07759012	4 x 120	fekete - black	5.700,0	48,7	346
07759013	4 x 150	fekete - black	7.040,0	54,4	395
07759014	4 x 185	fekete - black	8.380,0	60,0	450
07759015	4 x 240	fekete - black	11.100,0	68,3	538