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



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.

EMC = Electromagnetic compatibility

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

Standards

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.

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,br>polyester tape
Overall Shielding	First screen: aluminium/polyester tape, Second screen: tinned copper braid
Outer Insulation Material	polyvinyl chloride (PVC), black
Constant Against	UV resistant

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Motorenanschlussleitungen
Motor Control Cables

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 bis 90 °C
Operating Temperature moving	-5 °C bis 90 °C
Short Circuit Temperature	250 °C

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Motorenanschlussleitungen
Motor Control Cables

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

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