2XSL(St)CYK-J 0,6/1 kV 3 Plus



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	Brown-Black-Grey + 3 Core Green/Yellow-
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 V
Nominal Volatage DC	U_0/U: 900 /1800 V
Test Voltage	4000 V
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)
07714025	3x2,5 x 3G 0,50	black - black	220,0	11,6	31
07714024	3x 4+ x 3G 0,75	black - black	323,0	13,1	42
07714003	3x 6+ x 3G 1,0	black - black	420,0	14,9	54
07714008	3x10+ x 3G 1,5	black - black	615,0	17,9	75
07714009	3x16+ x 3G 2,5	black - black	819,0	20,5	100
07714010	3x25+ x 3G 4,0	black - black	1.325,0	24,5	127
07714011	3x35+ x 3G 6,0	black - black	1.718,0	27,5	158
07714012	3x50+ x 3G10	black - black	2.399,0	32,2	192
07714013	3x70+ x 3G10	black - black	2.399,0	36,7	246
07714014	3x95+ x 3G16	black - black	4.162,0	40,2	298
07714015	3x120+ x 3G16	black - black	5.074,0	44,2	346
07714020	3x120+ x 3x70	orange - orange	4.810,0	44,5	346
07714001	3x150+ x 3G25	black - black	6.128,0	47,0	395
07714016	3x185+ x 3G35	black - black	7.189,0	53,1	450
07714017	3x240+ x 3G50	black - black	9.540,0	58,8	538

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