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



Application

As supply and connecting cable for medium mechanical stresses in fixed installations and forced movements in dry, moist and wet environments and for outdoor applications. Used in the industry , food industry, environmental engineering, packaging industry, toolmaking machinery, handling equipment, for
SOMIVERT drivers, they are particularly suitable for use with industrial pumps, ventilators, conveyor belts and air-conditioning installations and similar applications. Installation in hazardous areas.
EMC = Electromagnetic compatibility

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

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Standards

adapted to DIN VDE 0250

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

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Construction

Inner Conductor	fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
Core Insulation	polyethylene compound (PE)
Core Color	black, brown, grey and green-yellow earth core
Stranding Elements	cores stranded in concentric layers
Shielding	with special aluminium film
Overall Shielding	copper braiding, tinned copper, co-verage approx. 80 %
Outer Insulation Material	special-PVC
Constant Against	UV radiation

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Motorenanschlussleitungen
Motor Control Cables

Technical Data

Nominal Voltage	U_0/U: 600 /1000 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	4000 V
Bending Radius moved (xD)	10
Bending Radius fixed (xD)	5
Operating Temperature solid	-30 °C bis 70 °C
Operating Temperature moving	-5 °C bis 70 °C

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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)
07706001	4 x 1,5	black - black	220,0	10,6	18
07706002	4 x 2,5	black - black	280,0	12,6	26
07706003	4 x 4	black - black	390,0	14,5	34
07706004	4 x 6	black - black	460,0	16,4	44
07706005	4 x 10	black - black	750,0	20,1	61
07706006	4 x 16	black - black	1.050,0	23,4	82
07706007	4 x 25	black - black	1.500,0	25,5	108
07706008	4 x 35	black - black	1.910,0	27,8	135
07706009	4 x 50	black - black	2.750,0	35,0	168
07706010	4 x 70	black - black	3.650,0	40,0	207
07706011	4 x 95	black - black	4.500,0	42,0	250
07706012	4 x 120	black - black	5.700,0	49,5	292
07706013	4 x 150	black - black	7.040,0	54,0	335
07706014	4 x 185	black - black	8.380,0	59,0	382
07706015	4 x 240	black - black	11.100,0	65,0	453

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