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



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.

Standards

adapted to DIN VDE 0250

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

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 divided into 3)
Stranding Elements	3+3 cores stranded in concentricbr>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)
07713001	3x1,5 x 3G 0,25	black - black	140,0	10,5	18
07713002	3x2,5 x 3G 0,50	black - black	220,0	11,5	26
07713003	3x 4+ x 3G 0,75	black - black	323,0	13,5	34
07713004	3x 6+ x 3G 1,0	black - black	672,0	15,0	44
07713005	3x10+ x 3G 1,5	black - black	535,0	16,5	61
07713006	3x16+ x 3G 2,5	black - black	749,0	19,3	82
07713007	3x25+ x 3G 4,0	black - black	1.125,0	22,3	108
07713020	3x35+ x 3G 6,0	black - black	1.618,0	27,2	135
07713009	3x50+ x 3G10	black - black	2.099,0	30,5	168
07713010	3x70+ x 3G10	black - black	2.856,0	35,1	207
07713011	3x95+ x 3G16	black - black	3.602,0	39,1	250
07713012	3x120+ x 3G16	black - black	5.074,0	46,0	292
07713013	3x150+ x 3G25	black - black	6.128,0	48,1	335
07713014	3x185+ x 3G35	black - black	7.189,0	55,0	382
07713021	3x240+ x 3G50	black - black	10.040,0	59,0	453

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