

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 substances.

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
Stranding Elements	cores stranded in concentric layers
Shielding	with special aluminium film
Overall Shielding	copper braiding, tinned copper, coverage approx. 80 %
Outer Insulation Material	special-PVC
Constant Against	UV radiation

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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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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	19
07706002	4 x 2,5	black - black	280.0	12.6	25
07706003	4 x 4	black - black	390.0	14.5	33
07706004	4 x 6	black - black	460.0	16.4	43
07706005	4 x 10	black - black	750.0	20.1	60
07706006	4 x 16	black - black	1,050.0	23.4	80
07706007	4 x 25	black - black	1,500.0	25.5	105
07706008	4 x 35	black - black	2,010.0	27.8	132
07706009	4 x 50	black - black	2,750.0	35.0	168
07706010	4 x 70	black - black	3,650.0	40.0	196
07706011	4 x 95	black - black	4,600.0	43.0	235
07706012	4 x 120	black - black	5,700.0	49.5	289
07706013	4 x 150	black - black	7,040.0	54.0	335
07706014	4 x 185	black - black	8,380.0	59.0	385
07706015	4 x 240	black - black	11,100.0	65.0	453