YSLY-JZ 0,6/1kV



Application

Wiring cable for measuring and controlling purposes in tool machinery, conveyor belts and production lines, for plant installations, air conditioning and in steel production plants and rolling mills. Suitable for installation for flexible use for medium mechanical stresses with free movement without tensile stress or forced movements in dry, moist and wet rooms as well as outside (fixed installation). Is not suitable to be used as direct burrial- or as underwater cable. The cores have been numbered in such a way that the numbers are easily identifiable, even if the cable has only been stripped back a few cm. The core numbers have been underlined to avoid confusion. The earth core is located in the outer layer. The black, special PVC outer sheath is resistant to the ultra violet radiation. Mainly used in South-European, Eastern and Arabian countries.
Version with colored wires (-JB) available on request.

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

Standards

Adapted to DIN VDE 0262, DIN VDE 0285-525-2-51 / DIN EN 50525-2-51

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

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Steuerleitungen
Control Cables

Construction

Inner Conductor	fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
Core Insulation	special polyvinylchlorid compound (PVC) TI2 to DIN VDE 0281 part 1
Core Color	black cores with continuous white numbering according to DIN VDE 0293 green-yellow earth core in the outer layer (3 cores and above)
Stranding Elements	cores stranded in layers with optimalbr>lay-length
Outer Insulation Material	special PVC type TM2 to DIN VDE 0281 part 1
Constant Against	extensively oil resistant

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)	7.5
Bending Radius fixed (xD)	4
Operating Temperature solid	-40 °C bis 70 °C
Operating Temperature moving	-5 °C bis 70 °C
Short Circuit Temperature	150 °C
Short Circuit Duration	5 sek.
Fire Classes	Eca

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Inner Conductor	fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
Core Insulation	special polyvinylchlorid compound (PVC) TI2 to DIN VDE 0281 part 1
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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)	7.5
Bending Radius fixed (xD)	4
Operating Temperature solid	-40 °C to 70 °C
Operating Temperature moving	-5 °C to 70 °C
Short Circuit Temperature	150 °C
Short Circuit Duration	5 sek.
Fire Classes	Eca

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Steuerleitungen
Control Cables

Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
00926034	JZ	3 x 0,5	black - black	68,0	6,6
00926046	JZ	3 x 0,75	black - black	74,0	6,8
00926002	JZ	3 x 1	black - black	96,0	7,3
00926003	JZ	3 x 1,5	black - black	112,0	8,5
00926076	JZ	3 x 2,5	black - black	175,0	10,0
00926091	JZ	3 x 4	black - black	230,0	11,6
00926096	JZ	3 x 6	black - black	370,0	13,0
00926099	JZ	3 x 10	black - black	660,0	16,4
00926102	JZ	3 x 16	black - black	700,0	18,3
00926105	JZ	3 x 25	black - black	1.450,0	23,2
00926111	JZ	3 x 50	black - black	2.700,0	30,7
00926114	JZ	3 x 70	black - black	3.300,0	34,6
00926117	JZ	3 x 95	black - black	5.050,0	41,2
00926038	JZ	4 x 0,5	black - black	100,0	7,1
00926047	JZ	4 x 0,75	black - black	112,0	7,4
00926008	JZ	4 x 1	black - black	126,0	8,2
00926004	JZ	4 x 1,5	black - black	139,0	9,5
00926031	JZ	4 x 2,5	black - black	203,0	11,0
00926032	JZ	4 x 4	black - black	310,0	14,3
00926036	JZ	4 x 6	black - black	394,0	14,4
00926033	JZ	4 x 10	black - black	790,0	18,0
00926078	JZ	4 x 16	black - black	1.100,0	22,0
00926079	JZ	4 x 25	black - black	1.600,0	27,1
00926109	JZ	4 x 35	black - black	2.400,0	30,0

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Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
00926112	JZ	4 x 50	black - black	3.400,0	35,5
00926115	JZ	4 x 70	black - black	4.400,0	40,5
00926118	JZ	4 x 95	black - black	6.010,0	45,0
00926120	JZ	4 x 120	black - black	7.500,0	51,0
00926121	JZ	4 x 150	black - black	8.640,0	57,8
00926122	JZ	4 x 185	black - black	10.380,0	64,8
00926039	JZ	5 x 0,5	black - black	107,0	8,0
00926035	JZ	5 x 0,75	black - black	117,0	8,2
00926009	JZ	5 x 1	black - black	130,0	9,1
00926005	JZ	5 x 1,5	black - black	170,0	10,5
00926077	JZ	5 x 2,5	black - black	251,0	12,5
00926092	JZ	5 x 4	black - black	410,0	14,1
00926097	JZ	5 x 6	black - black	447,0	16,0
00926100	JZ	5 x 10	black - black	960,0	20,1
00926103	JZ	5 x 16	black - black	1.600,0	25,0
00926106	JZ	5 x 25	black - black	2.050,0	30,5
00926110	JZ	5 x 35	black - black	2.900,0	33,0
00926113	JZ	5 x 50	black - black	4.361,0	39,6
00926116	JZ	5 x 70	black - black	5.807,0	45,7
00926119	JZ	5 x 95	black - black	7.752,0	50,7
00926040	JZ	6 x 0,5	black - black	126,0	8,5
00926041	JZ	7 x 0,5	black - black	138,0	8,6
00926049	JZ	7 x 0,75	black - black	152,0	9,3
00926011	JZ	7 x 1	black - black	170,0	10,0

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00926006	JZ	7 x 1,5	black - black	225,0	11,5
00926080	JZ	7 x 2,5	black - black	330,0	14,0
00926093	JZ	7 x 4	black - black	540,0	16,0
00926098	JZ	7 x 6	black - black	760,0	17,6
00926101	JZ	7 x 10	black - black	1.300,0	22,5
00926104	JZ	7 x 16	black - black	1.890,0	27,2
00926107	JZ	7 x 25	black - black	2.900,0	33,5
00926054	JZ	8 x 1	black - black	230,0	10,8
00926067	JZ	8 x 1,5	black - black	250,0	12,0
00926055	JZ	9 x 1	black - black	250,0	11,4
00926068	JZ	9 x 1,5	black - black	300,0	14,5
00926052	JZ	10 x 0,75	black - black	238,0	11,0
00926056	JZ	10 x 1	black - black	270,0	12,5
00926028	JZ	10 x 1,5	black - black	300,0	15,0
00926137	JZ	10 x 2,5	black - black	477,0	16,6
00926044	JZ	12 x 0,5	black - black	200,0	11,1
00926053	JZ	12 x 0,75	black - black	257,0	12,1
00926012	JZ	12 x 1	black - black	290,0	12,9
00926001	JZ	12 x 1,5	black - black	370,0	16,5
00926082	JZ	12 x 2,5	black - black	553,0	18,0
00926095	JZ	12 x 4	black - black	860,0	21,3
00926170	JZ	14 x 0,75	black - black	286,0	12,9
00926013	JZ	14 x 1	black - black	320,0	13,6
00926021	JZ	14 x 1,5	black - black	400,0	17,4

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00926083	JZ	14 x 2,5	black - black	630,0	18,0
00926022	JZ	16 x 1,5	black - black	450,0	17,6
00926123	JZ	18 x 0,5	black - black	276,0	13,6
00926126	JZ	18 x 0,75	black - black	362,0	14,5
00926015	JZ	18 x 1	black - black	405,0	15,5
00926023	JZ	18 x 1,5	black - black	520,0	18,5
00926084	JZ	18 x 2,5	black - black	795,0	21,8
00926069	JZ	20 x 1,5	black - black	600,0	18,2
00926025	JZ	21 x 1,5	black - black	600,0	18,5
00926085	JZ	21 x 2,5	black - black	930,0	21,2
00926027	JZ	25 x 0,5	black - black	335,0	16,0
00926135	JZ	25 x 0,75	black - black	486,0	17,2
00926017	JZ	25 x 1	black - black	570,0	18,5
00926026	JZ	25 x 1,5	black - black	730,0	22,5
00926086	JZ	25 x 2,5	black - black	1.110,0	25,9
00926182	JZ	30 x 0,5	black - black	348,0	16,5
00926070	JZ	32 x 1,5	black - black	880,0	22,9
00926163	JZ	34 x 0,75	black - black	638,0	19,3
00926061	JZ	34 x 1	black - black	750,0	21,5
00926071	JZ	34 x 1,5	black - black	950,0	23,9
00926087	JZ	34 x 2,5	black - black	1.450,0	27,6
00926181	JZ	40 x 0,5	black - black	590,0	19,2
00926164	JZ	42 x 0,75	black - black	770,0	20,9
00926065	JZ	42 x 1	black - black	900,0	30,0

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00926073	JZ	42 x 1,5	black - black	1.120,0	25,6
00926165	JZ	50 x 0,75	black - black	895,0	22,8
00926074	JZ	50 x 1,5	black - black	1.400,0	28,2
00926183	JZ	61 x 0,75	black - black	1.060,0	28,2
00926178	JZ	61 x 1,5	black - black	1.700,0	32,6

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