YSLYCY-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. Mainly used in South-European, Eastern and Arabian countries. Interference- free transmission of signals and pulses is assured by the high degree of screening.

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

Standards

Adapted to DIN VDE 0262/12.95 and DIN EN 50525-2-51 VDE 0285-525-2-51:2012-01,
self-extinguishing and flame retardant acc. to VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1

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

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ACS Handels GmbH
Kabel - Leitungen - Zubehör
Bahnhofstraße 1, 4531 Kematen / Krems

Tel.: +43 7228 200 880
E-Mail: office@acs.at

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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
Inner Sheath Material	special PVC inner sheath, TM2 to DIN VDE 0281 part 1
Overall Shielding	braid shield copper tinned
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)	10
Bending Radius fixed (xD)	5
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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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.
00927020	JZ	3 x 0,5	black - black	115,0	8,6
00927026	JZ	3 x 0,75	black - black	128,0	9,0
00927002	JZ	3 x 1	black - black	142,0	9,8
00927005	JZ	3 x 1,5	black - black	182,0	10,9
00927147	JZ	3 x 1,5/6	black - black	182,0	10,9
00927034	JZ	3 x 2,5	black - black	228,0	12,2
00927042	JZ	3 x 4	black - black	286,0	15,1
00927048	JZ	3 x 6	black - black	326,0	17,0
00927058	JZ	3 x 16	black - black	920,0	23,5
00927065	JZ	3 x 35	black - black	1.800,0	32,7
00927021	JZ	4 x 0,5	black - black	127,0	9,4
00927027	JZ	4 x 0,75	black - black	138,0	9,9
00927007	JZ	4 x 1	black - black	156,0	10,8
00927013	JZ	4 x 1,5	black - black	193,0	12,2
00927035	JZ	4 x 2,5	black - black	266,0	13,4
00927043	JZ	4 x 4	black - black	356,0	16,7
00927116	JZ	4 x 4/16	grey - grey	356,0	16,7
00927049	JZ	4 x 6	black - black	580,0	18,7
00927054	JZ	4 x 10	black - black	820,0	21,9
00927059	JZ	4 x 16	black - black	1.450,0	26,4
00927079	JZ	4 x 25	black - black	1.945,0	31,3
00927080	JZ	4 x 35	black - black	2.200,0	33,5
00927068	JZ	4 x 50	black - black	3.210,0	40,2
00927071	JZ	4 x 70	black - black	4.256,0	48,3

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00927074	JZ	4 x 95	black - black	5.100,0	51,4
00927077	JZ	4 x 120	black - black	6.850,0	56,0
00927078	JZ	4 x 150	black - black	8.231,0	63,3
00927137	JZ	4 x 185	black - black	18.470,0	69,5
00927001	JZ	5 x 0,5	black - black	138,0	10,1
00927028	JZ	5 x 0,75	black - black	165,0	10,8
00927008	JZ	5 x 1	black - black	184,0	11,4
00927004	JZ	5 x 1,5	black - black	208,0	13,3
00927146	JZ	5 x 1,5/6	black - black	208,0	14,3
00927036	JZ	5 x 2,5	black - black	298,0	14,9
00927044	JZ	5 x 4	black - black	480,0	18,6
00927050	JZ	5 x 6	black - black	685,0	20,7
00927055	JZ	5 x 10	black - black	985,0	24,1
00927060	JZ	5 x 16	black - black	1.950,0	28,8
00927063	JZ	5 x 25	black - black	2.450,0	35,7
00927066	JZ	5 x 35	black - black	3.000,0	40,0
00927069	JZ	5 x 50	black - black	3.750,0	44,6
00927072	JZ	5 x 70	black - black	5.650,0	52,5
00927075	JZ	5 x 95	black - black	6.523,0	55,7
00927022	JZ	7 x 0,5	black - black	177,0	12,1
00927029	JZ	7 x 0,75	black - black	323,0	13,0
00927009	JZ	7 x 1	black - black	225,0	14,5
00927014	JZ	7 x 1,5	black - black	256,0	16,0
00927145	JZ	7 x 1,5/6	black - black	256,0	16,0

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00927109	JZ	7 x 1,5/16	grey - grey	532,0	17,7
00927037	JZ	7 x 2,5	black - black	356,0	17,9
00927045	JZ	7 x 4	black - black	579,0	19,0
00927051	JZ	7 x 6	black - black	790,0	23,0
00927056	JZ	7 x 10	black - black	1.316,0	26,8
00927061	JZ	7 x 16	black - black	2.253,0	31,9
00927023	JZ	12 x 0,5	black - black	233,0	14,7
00927030	JZ	12 x 0,75	black - black	410,0	15,8
00927010	JZ	12 x 1	black - black	339,0	17,4
00927015	JZ	12 x 1,5	black - black	436,0	19,6
00927140	JZ	12 x 1,5/6	black - black	563,0	18,7
00927038	JZ	12 x 2,5	black - black	712,0	21,9
00927046	JZ	12 x 4	black - black	912,0	24,4
00927024	JZ	18 x 0,5	black - black	331,0	17,3
00927031	JZ	18 x 0,75	black - black	560,0	17,9
00927011	JZ	18 x 1	black - black	455,0	20,7
00927016	JZ	18 x 1,5	black - black	588,0	23,4
00927152	JZ	18 x 1,5/6	black - black	595,0	224,0
00927039	JZ	18 x 2,5	black - black	876,0	26,1
00927025	JZ	25 x 0,5	black - black	425,0	20,6
00927032	JZ	25 x 0,75	black - black	730,0	22,8
00927012	JZ	25 x 1	black - black	618,0	21,6
00927017	JZ	25 x 1,5	black - black	763,0	28,2
00927149	JZ	25 x 1,5/16	black - black	830,0	24,8

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00927040	JZ	25 x 2,5	black - black	1.143,0	31,9
00927132	JZ	34 x 1	black - black	950,0	24,0
00927110	JZ	34 x 1,5/16	grey - grey	1.250,0	27,6
00927122	OZ	34 x 1,5/16	grey - grey	1.250,0	27,6
00927118	JZ	34 x 1,5/16	black - black	1.250,0	27,6
00927135	JZ	40 x 1,5/6	black - black	1.555,0	30,0
00927150	JZ	40 x 1,5/16	black - black	1.555,0	31,1
00927108	JZ	41 x 0,75	black - black	1.949,0	27,4
00927151	OZ	47 x 1,5/6	black - black	1.755,0	32,1

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