

YSLYCY-JZ UL/CSA



Application

UL and CSA approved flexible control cable up to 600 V, for all machinery in tooling and plant construction, suitable for installation in dry, moist or wet environment for medium mechanical loads. Designed for the export-orientated machinery manufacturer, specifically for USA and Canada. The thick braiding screen ensures compliance with electromagnetic requirements.

Standards

UL-AWM Style 2587; CSA-AWM I A/B II A/B

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	polyvinylchlorid compound (PVC)
Core Color	black cores with continuous white numbering acc. to DIN VDE 0293 green-yellow earth core in the outer layer (3 cores and above)
Stranding Elements	cores stranded in layers with optimal laylength
Inner Sheath Material	polyvinylchlorid compound (PVC)
Overall Shielding	braid shield copper tinned
Outer Insulation Material	polyvinylchlorid compound (PVC)
Constant Against	extensively oil resistant

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Technical Data

Nominal Voltage	U ₀ /U: 600 /600 V
Nominal Volatage DC	U ₀ /U: 0 /0
Test Voltage	3000 V
Bending Radius moved (xD)	10
Bending Radius fixed (xD)	5
Operating Temperature solid	-40 °C bis 90 °C
Operating Temperature moving	-5 °C bis 90 °C

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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.
00930088	OZ	2 x 0,5 (AWG 20)	grey - grey	93.0	7.8
00930099	OZ	2 x 0,75 (AWG 19)	grey - grey	107.0	8.2
00930107	OZ	2 x 1 (AWG 18)	grey - grey	107.0	8.2
00930118	OZ	2 x 1,5 (AWG 16)	grey - grey	136.0	8.8
00930136	OZ	2 x 4 (AWG 12)	grey - grey	209.0	12.6
00930089	JZ	3 x 0,5 (AWG 20)	grey - grey	124.0	8.1
00930078	JZ	3 x 1 (AWG 18)	grey - grey	130.0	8.5
00930119	JZ	3 x 1,5 (AWG 16)	grey - grey	165.0	9.3
00930160	OZ	3 x 1,5 (AWG 16)	grey - grey	165.0	9.3
00930085	JZ	3 x 2,5 (AWG 14)	grey - grey	220.0	10.9
00930137	JZ	3 x 4 (AWG 12)	grey - grey	310.0	13.2
00930090	JZ	4 x 0,5 (AWG 20)	grey - grey	133.0	8.7
00930108	JZ	4 x 1 (AWG 18)	grey - grey	155.0	9.2
00930120	JZ	4 x 1,5 (AWG 16)	grey - grey	192.0	10.1
00930129	JZ	4 x 2,5 (AWG 14)	grey - grey	270.0	11.9
00930086	JZ	4 x 4 (AWG 12)	grey - grey	456.0	14.6
00930142	JZ	4 x 6 (AWG 10)	grey - grey	572.0	16.7
00930146	JZ	4 x 10 (AWG 8)	grey - grey	988.0	21.3
00930150	JZ	4 x 16 (AWG 6)	grey - grey	1,662.0	27.4
00930154	JZ	4 x 25 (AWG 4)	grey - grey	2,591.0	33.5
00930158	JZ	4 x 35 (AWG 2)	grey - grey	3,277.0	37.9
00930079	JZ	4 x 50 (AWG 1)	grey - grey	3,960.0	40.5
00930080	JZ	4 x 70 (AWG 2/0)	grey - grey	4,882.0	46.1
00930159	JZ	4 x 95 (AWG 3/0)	grey - grey	6,368.0	51.2

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00930091	JZ	5 x 0,5 (AWG 20)	grey - grey	153.0	9.3
00930109	JZ	5 x 1 (AWG 18)	grey - grey	181.0	10.1
00930087	JZ	5 x 1,5 (AWG 16)	grey - grey	224.0	10.9
00930130	JZ	5 x 2,5 (AWG 14)	grey - grey	319.0	13.3
00930138	JZ	5 x 4 (AWG 12)	grey - grey	532.0	15.9
00930143	JZ	5 x 6 (AWG 10)	grey - grey	732.0	18.5
00930147	JZ	5 x 10 (AWG 8)	grey - grey	1,202.0	23.9
00930151	JZ	5 x 16 (AWG 6)	grey - grey	2,021.0	30.8
00930092	JZ	7 x 0,5 (AWG 20)	grey - grey	191.0	10.6
00930110	JZ	7 x 1 (AWG 18)	grey - grey	209.0	11.4
00930121	JZ	7 x 1,5 (AWG 16)	grey - grey	273.0	13.0
00930131	JZ	7 x 2,5 (AWG 14)	grey - grey	428.0	15.7
00930094	JZ	12 x 0,5 (AWG 20)	grey - grey	322.0	13.1
00930113	JZ	12 x 1 (AWG 18)	grey - grey	341.0	13.9
00930123	JZ	12 x 1,5 (AWG 16)	grey - grey	461.0	15.7
00930114	JZ	18 x 1 (AWG 18)	grey - grey	473.0	16.3
00930124	JZ	18 x 1,5 (AWG 16)	grey - grey	674.0	18.4
00930115	JZ	25 x 1 (AWG 18)	grey - grey	650.0	19.6
00930125	JZ	25 x 1,5 (AWG 16)	grey - grey	950.0	22.4