SiD



Application

This wire is suited for use at high temperatre surroundings, especially for internal wiring in lamps and instruments as well and to distributors for low mechanicals stress particularly at high ambient temperatures.

Standards

adapted to DIN VDE 0250 Teil 1 und Teil 502,
VDE 0482-332-1-2

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

Construction

Inner Conductor	tinned copper conductor, solid to DIN VDE 0295 cl. 1, BS 6360 cl. 1 and IEC 60228 cl. 1
Core Insulation	silicone
Core Color	acc. DIN VDE 0293 or HD 308 S2
Constant Against	high molecular oils, greases from vegetables and animals, alcohols, plasticizers and clophenes, diluted acids, lyes and salt dissolution, oxidation substances, tropical influences and weather, lake water, oxygen and UV

Technical Data

Nominal Voltage	U_0/U: 300 /500 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	2000 V
Bending Radius fixed (xD)	15
Operating Temperature solid	-60 °C bis 180 °C
Operating Temperature moving	0 °C bis 0 °C

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Aderleitungen
Insulated Wires

Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
01203028	1 x 0,5	black - black	7,6	1,8
01203032	1 x 0,5	brown - brown	7,6	1,8
01203033	1 x 0,5	blue (similar RAL 5015) - blue (similar RAL 5015)	7,6	1,8
01203034	1 x 0,5	green/yellow - green/yellow	7,6	1,8
01203036	1 x 0,5	red - red	7,6	1,8
01203039	1 x 0,5	white - white	7,6	1,8
01203040	1 x 0,5	grey - grey	7,6	1,8
01203001	1 x 0,75	black - black	10,4	2,0
01203004	1 x 0,75	brown - brown	10,4	2,0
01203002	1 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	10,4	2,0
01203003	1 x 0,75	green/yellow - green/yellow	10,4	2,0
01203007	1 x 0,75	white - white	10,4	2,0
01203006	1 x 0,75	red - red	10,4	2,0
01203005	1 x 0,75	grey - grey	10,4	2,0
01203008	1 x 1	black - black	13,0	2,2
01203011	1 x 1	brown - brown	13,0	2,2
01203009	1 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	13,0	2,2
01203010	1 x 1	green/yellow - green/yellow	13,0	2,2
01203013	1 x 1	white - white	13,0	2,2
01203038	1 x 1	grey - grey	13,0	2,2
01203012	1 x 1	red - red	13,0	2,2
01203014	1 x 1,5	black - black	19,0	2,6
01203015	1 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	19,0	2,6
01203017	1 x 1,5	brown - brown	19,0	2,6

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01203016	1 x 1,5	green/yellow - green/yellow	19,0	2,6
01203035	1 x 1,5	grey - grey	19,0	2,6
01203019	1 x 1,5	white - white	19,0	2,6
01203020	1 x 2,5	black - black	31,0	3,2
01203021	1 x 2,5	blue (similar RAL 5015) - blue (similar RAL 5015)	31,0	3,2
01203022	1 x 2,5	green/yellow - green/yellow	31,0	3,2
01203025	1 x 2,5	white - white	31,0	3,2
01203026	1 x 4	black - black	48,0	3,7
01203041	1 x 6	black - black	70,0	5,2

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