

Silicone insulated wire SiD



CPR-performance:	Eca
Conductor material:	tinned copper
Conductor class:	class 1 = solid
Insulation:	silicone rubber
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Halogen-free:	DIN EN 50267/IEC 60754
Maximum permitted conductor temperature:	180 °C
Permitted outer cable temperature, fixed:	-60 - +180 °C
Bending radius, moving application:	6 x DA
Nominal voltage U₀:	300 V
Nominal voltage U:	500 V
Test voltage:	2 kV

Application: For operation in ambient temperatures above 55 °C, for internal wiring of lamps, heating equipment and electrical appliances as well as for switching boxes and distribution boards.



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Table: Technical characteristics SiD

p/n	part name	R _i [Ω/km]	W _i [mm]	I _{bl} [A]	D _A [mm]	Cu [kg/km]	G [kg/km]
034750	SiD 01X0,75 WS	24,8	0,6	15	2,1	7,2	13
034753	SiD 01X0,75 OR	24,8	0,6	15	2,9	7,2	13
031939	SiD 01X1 SW	18,2	0,6	19	2,3	9,6	13
031940	SiD 01X1 WS	18,2	0,6	19	2,3	9,6	13
031941	SiD 01X1,5 BL	12,2	0,7	24	2,6	14,4	19
031942	SiD 01X1,5 BR	12,2	0,7	24	2,6	14,4	19
031943	SiD 01X1,5 GG	12,2	0,7	24	2,6	14,4	19
032653	SiD 01X1,5 GR	12,2	0,7	24	2,6	14,4	19
031944	SiD 01X1,5 SW	12,2	0,7	24	2,6	14,4	19
036091	SiD 01X1,5 WS				2,6	14,4	19
033886	SiD 01X2,5 BL	7,41	0,8	32	3,2	24	29
033887	SiD 01X2,5 BR	7,41	0,8	32	3,2	24	29
033889	SiD 01X2,5 GR	7,41	0,8	32	3,2	24	29
033885	SiD 01X2,5 RT	7,41	0,8	32	3,2	24	29
033884	SiD 01X2,5 SW	7,41	0,8	32	3,2	24	29
033888	SiD 01X2,5 WS	7,41	0,8	32	3,2	24	29

RI	Conductor resistance
Wi	Insulation wall thickness
Ibl	Ampacity in air (30 °C)
DA	Outer diameter approx.
Cu	Copper weight (GER)
G	weight