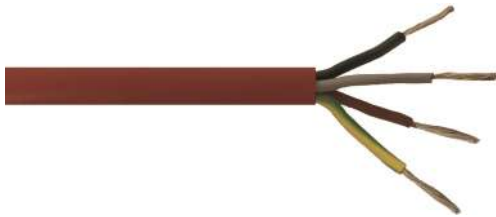


Heat-resistant cables - SIHF

Silicone ignition cable, halogen-free



Technical attributes

Standards	adapted to DIN VDE 0282-1
Conductor material	Cu, bare
Conductor type	strands tinned
Conductor standard	DIN VDE 0295
Conductor category	5
Core insulation	Silicone
Core colours	DIN VDE 0293 ≤ 5 cores: colour-coded, GN/YE-protection conductor; ≥ 6 cores: black, number-coded, GN/YE-protection conductor
Outer sheath	Silicone
Outer sheath colour	red-brown
Temperature range min., mobile operation	-60 °C
Temperature range max., mobile operation	+180 short-term up to +250 °C
Nominal voltage U ₀ /U	300/500 V
Test voltage	2000 V
Insulation resistance	2 mind. MΩ x km
Bending radius	7,5 x cable-Ø
oil-resistant	extensively
RoHS-compliant	ja yes

Description

Applicable as heat- and cold-resistant cable for use as a control, connection cable with high and fluctuating temperatures in electrical equipment, for free and fixed laying and flexible applications without tensile stress and forced guidance in dry, damp and wet rooms. The cables are halogen-free and suitable for use in power plants.

Note

Silicone ignition cable, halogen-free

Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00907073	SIHF-O 2 x 0,5	39,00	9,60	5,50	red/brown
00907064	SIHF-J 3 x 0,5	48,00	14,40	5,80	red/brown
00907065	SIHF-J 4 x 0,5	56,00	19,20	6,20	red/brown
00907066	SIHF-J 5 x 0,5	66,00	24,00	6,80	red/brown
00907067	SIHF-J 7 x 0,5	84,00	33,60	7,40	red/brown
00907111	SIHF-J 10 x 0,5	124,00	48,10	10,00	red/brown
00907086	SIHF-J 12 x 0,5	141,00	57,60	9,80	red/brown
00907098	SIHF-J 18 x 0,5	211,00	86,50	12,90	red/brown
00907105	SIHF-J 25 G 0,5	271,00	120,00	15,20	red/brown
00907001	SIHF-O 2 x 0,75	53,00	14,40	6,40	red/brown

Heat-resistant cables - SIHF

Silicone ignition cable, halogen-free

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00907003	SIHF-J 3 x 0,75	63,00	21,60	6,80	red/brown
00907004	SIHF-J 4 x 0,75	83,00	29,00	7,80	red/brown
00907005	SIHF-J 5 x 0,75	101,00	36,00	8,50	red/brown
00907006	SIHF-J 6 x 0,75	115,00	43,00	9,20	red/brown
00907007	SIHF-J 7 x 0,75	124,00	50,00	9,20	red/brown
00907093	SIHF-J 12 x 0,75	185,00	87,00	11,10	red/brown
00907068	SIHF-O 2 x 1	59,00	19,00	6,70	red/brown
00907009	SIHF-J 3 x 1	77,00	29,00	7,50	red/brown
00907010	SIHF-J 4 x 1	94,00	38,40	8,10	red/brown
00907011	SIHF-J 5 x 1	115,00	48,00	8,90	red/brown
00907012	SIHF-J 6 x 1	134,00	58,00	9,60	red/brown
00907013	SIHF-J 7 x 1	144,00	67,00	9,60	red/brown
00907014	SIHF-O 2 x 1,5	81,00	29,00	7,60	red/brown
00907015	SIHF-J 3 x 1,5	98,00	43,00	8,00	red/brown
00907032	SIHF-J 4 x 1,5	148,00	58,00	8,60	red/brown
00907016	SIHF-J 5 x 1,5	147,00	72,00	9,60	red/brown
00907017	SIHF-J 6 x 1,5	173,00	86,00	10,40	red/brown
00907018	SIHF-J 7 x 1,5	187,00	101,00	10,40	red/brown
00907019	SIHF-J 8 x 1,5	213,00	115,00	11,60	red/brown
00907020	SIHF-J 10 x 1,5	263,00	144,00	13,10	red/brown
00907021	SIHF-J 12 x 1,5	314,00	173,00	13,60	red/brown
00907022	SIHF-J 14 x 1,5	379,00	202,00	14,80	red/brown
00907023	SIHF-J 16 x 1,5	438,00	231,00	16,20	red/brown
00907024	SIHF-J 18 x 1,5	490,00	259,00	17,00	red/brown
00907025	SIHF-J 20 x 1,5	527,00	288,00	17,50	red/brown
00907026	SIHF-J 24 x 1,5	613,00	346,00	20,40	red/brown
00907035	SIHF-O 2 x 2,5	134,00	48,00	9,30	red/brown
00907034	SIHF-J 3 x 2,5	152,00	72,00	9,70	red/brown
00907036	SIHF-J 4 x 2,5	188,00	96,00	17,00	red/brown
00907037	SIHF-J 5 x 2,5	228,00	120,00	11,70	red/brown
00907039	SIHF-J 6 x 2,5	269,00	144,00	12,70	red/brown
00907040	SIHF-J 7 x 2,5	293,00	168,00	12,70	red/brown
00907041	SIHF-J 12 x 2,5	490,00	288,00	16,20	red/brown

Heat-resistant cables - SIHF
 Silicone ignition cable, halogen-free

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
00907070	SIHF-O 2 x 4	180,00	77,00	10,80	red/brown
00907043	SIHF-J 3 x 4	224,00	115,00	11,40	red/brown
00907044	SIHF-J 4 x 4	295,00	154,00	12,50	red/brown
00907031	SIHF-J 5 x 4	359,00	192,00	14,40	red/brown
00907045	SIHF-J 6 x 4	442,00	230,00	15,60	red/brown
00907046	SIHF-J 7 x 4	479,00	269,00	15,60	red/brown
00907047	SIHF-O 2 x 6	274,00	115,00	12,20	red/brown
00907048	SIHF-J 3 x 6	338,00	173,00	13,00	red/brown
00907049	SIHF-J 4 x 6	441,00	230,00	14,20	red/brown
00907050	SIHF-J 5 x 6	535,00	288,00	16,20	red/brown
00907051	SIHF-J 6 x 6	631,00	346,00	17,70	red/brown
00907052	SIHF-J 7 x 6	685,00	403,00	17,70	red/brown
00907053	SIHF-J 4 x 10	707,00	384,00	19,80	red/brown
00907054	SIHF-J 4 x 16	989,00	614,00	22,20	red/brown
00907055	SIHF-J 4 x 25	1446,00	960,00	27,70	red/brown
00907071	SIHF-O 2 x 10	400,00	192,00	17,60	red/brown
00907057	SIHF-J 3 x 10	577,00	288,00	18,70	red/brown
00907058	SIHF-J 5 x 10	900,00	480,00	22,50	red/brown
00907072	SIHF-O 2 x 16	400,00	308,00	20,40	red/brown
00907060	SIHF-J 3 x 16	500,00	462,00	22,00	red/brown
00907061	SIHF-J 5 x 16	850,00	770,00	26,70	red/brown
00907062	SIHF-J 4 x 35	2100,00	1344,00	32,80	red/brown