

SIAF / GL

Flexible single core silicone rubber insulated electric cables, with external fiberglass braid.



Packing



Wire description

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Construction

Wire core:	Flexible copper class 5 CEI EN 60228
Insulation:	Silicone rubber / Fiberglass braid
Min. bending radius:	Fixed installation: 4 x outer diameter

Standards and approvals



Charakteristics

Operating temperature: -60° C to 180° C on the conductor

Max. temperature of short circuit 350 °C on the conductor

Rated voltage: 300 / 500 V for size up to 6 mm²
0,6 / 1kV for size over 6 mm²

Internal Wiring of Appliances where totally enclosed

Nominal size	Class of conductor	Insulation thickness	Outer diameter	Max cond.resist. at 20° C	Cable weight	
mm ²		mm	mm	Ohm/km	kg/km	
1x0,25	5	0,55	2,0	83,8	86,0	8
1x0,35	5	0,55	2,1	54,4	55,5	9
1x0,5	5	0,55	2,2	39,0	40,1	11
1x0,75	5	0,55	2,4	26,0	26,70	14
1x1	5	0,55	2,6	19,50	20,00	17
1x1,5	5	0,55	2,9	13,30	13,70	22
1x2,5	5	0,65	3,6	7,98	8,21	37
1x4	5	0,80	4,4	4,95	5,09	55
1x6	5	0,80	4,9	3,30	3,39	74
1x10	5	1,00	6,3	1,91	1,95	116
1x16	5	1,00	7,3	1,21	1,24	172
1x25	5	1,20	9,0	0,78	0,795	261
1x35	5	1,30	10,2	0,554	0,565	354
1x50	5	1,40	12,0	0,386	0,393	511
1x70	5	1,50	14,1	0,272	0,277	725
1x95	5	1,70	15,8	0,206	0,210	923
1x120	5	1,70	17,6	0,161	0,164	1189
1x150	5	2,00	19,7	0,129	0,132	1464
1x185	5	2,20	21,8	0,106	0,108	1803
1x240	5	2,40	24,3	0,0801	0,0817	2375
1x300	5	2,60	27,2	0,0641	0,0654	3020