

**MAXIMUM PERMISSIBLE CURRENT
IN PERMANENT MODE**

SILICOUL® DI 6.6 KV • FT 10203b

Ambient temperature (°C)	2.5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	25 mm ²	35 mm ²	50 mm ²	70 mm ²	95 mm ²	120 mm ²	150 mm ²	185 mm ²	240 mm ²	300 mm ²
0	71	94	120	169	223	296	365	459	575	689	807	925	1065	1270	1473
10	68	91	116	164	216	287	353	444	556	666	781	895	1030	1228	1425
20	66	88	112	158	208	277	341	429	537	643	753	864	994	1186	1376
30	64	84	108	152	201	266	328	413	517	619	726	832	958	1142	1325
40	61	81	104	146	193	256	315	397	497	595	697	799	920	1097	1273
50	59	78	99	140	185	245	302	380	476	570	668	765	881	1051	1219
60	56	74	95	134	176	234	288	362	454	543	637	731	841	1003	1163
70	53	71	90	127	168	222	274	345	431	517	605	694	799	954	1105
80	50	67	85	120	159	210	259	326	408	488	573	657	755	902	1045
90	47	63	80	113	149	198	244	306	384	459	538	618	710	848	983
100	44	59	75	106	139	184	227	286	358	429	502	576	663	792	917
110	41	54	69	98	129	171	210	265	331	396	464	533	613	732	848
120	37	50	63	89	118	156	192	242	302	362	424	487	560	669	774
130	34	45	57	80	106	140	173	217	271	325	381	438	502	601	695
140	30	39	50	70	93	123	151	190	238	285	334	384	440	527	610
150	25	33	42	59	78	103	128	161	201	240	282	324	371	444	514
160	20	26	33	47	61	81	100	126	158	189	221	255	292	350	404
170	13	17	22	31	41	54	66	84	104	125	146	169	193	231	267

SILICOUL® DI 13.8 KV • FT 10204a

Ambient temperature (°C)	2.5 mm ²	4 mm ²	6 mm ²	10 mm ²	16 mm ²	25 mm ²	35 mm ²	50 mm ²	70 mm ²	95 mm ²	120 mm ²	150 mm ²	185 mm ²	240 mm ²	300 mm ²
0	71	94	120	168	221	293	360	453	565	676	792	904	1042	1241	1436
10	69	91	116	163	214	283	349	438	547	654	766	875	1008	1201	1390
20	66	88	112	157	207	274	337	423	528	632	740	845	973	1160	1342
30	64	85	108	152	200	264	325	408	509	609	713	815	938	1118	1293
40	62	82	104	146	192	254	312	392	489	585	686	783	902	1075	1243
50	59	78	100	140	184	243	299	376	469	561	657	751	864	1030	1191
60	57	75	95	134	176	232	286	359	448	536	627	717	825	984	1138
70	54	71	91	127	167	221	272	341	426	509	597	682	785	936	1082
80	51	68	86	121	158	209	257	323	403	482	565	646	742	886	1024
90	48	64	81	114	149	197	242	304	379	454	531	608	699	834	964
100	45	60	76	106	139	184	226	284	354	424	496	568	653	779	900
110	42	55	70	98	129	170	210	263	328	392	459	526	604	721	833
120	38	51	64	90	118	156	192	241	300	359	420	481	552	659	762
130	34	46	58	81	106	140	173	217	270	323	378	433	497	593	685
140	30	40	51	71	94	123	152	190	237	283	332	380	436	521	602
150	26	34	43	60	79	104	128	161	200	239	280	321	368	440	508
160	20	27	34	48	63	82	101	127	158	189	221	254	290	347	401
170	14	18	23	32	42	55	67	84	105	125	147	169	193	231	266

- All values in the tables are expressed in Amperes (A).
- Calculations are based on methods issued from IEC 60287 standard.
- 1 single cable in free air without heat source in it surrounding environment.
- DC supply or AC supply (F ≤ 60 Hz).
- Maximum temperature of core: +180°C.

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LES CABLES DE L'EXTREME

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For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.
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