

**MAXIMUM PERMISSIBLE CURRENT
IN PERMANENT MODE**

SILICOUL® DI STYLE 3661 - 1.1 KV • FT 10205c

Ambient temperature (°C)	1.5 mm ²	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	53	71	96	123	168	224	299	370	467	584	701	824	943	1085	1307	1506
10	52	68	92	119	163	216	289	358	451	565	677	796	911	1049	1263	1456
20	50	66	89	115	157	208	278	345	435	545	653	768	879	1012	1219	1405
30	48	64	86	111	151	201	268	332	419	524	629	739	847	974	1173	1352
40	46	61	82	106	145	192	257	318	402	503	604	710	813	935	1126	1298
50	44	58	79	102	138	184	246	305	385	482	578	679	778	895	1078	1242
60	42	56	75	97	132	175	234	290	367	459	551	647	742	854	1028	1185
70	40	53	71	92	125	167	222	276	348	436	523	615	705	811	976	1125
80	38	50	67	87	118	157	210	260	329	412	494	581	666	766	922	1064
90	35	47	63	82	111	148	197	244	309	387	464	546	626	720	866	999
100	33	44	59	76	103	138	184	228	288	361	433	509	584	671	808	931
110	30	40	54	70	95	127	170	210	266	333	399	470	539	620	746	860
120	28	37	50	64	87	116	155	191	242	304	364	428	492	565	680	785
130	25	33	44	57	78	104	138	172	217	272	327	384	441	507	610	704
140	22	29	39	50	68	91	121	150	190	238	286	336	386	444	534	616
150	18	24	33	42	57	76	102	126	159	200	240	283	325	373	449	518
160	14	19	26	33	45	60	80	99	125	157	188	221	255	293	352	406
170	9	12	17	22	29	39	52	65	82	103	124	146	168	193	232	268

SILICOUL® DI STYLE 3662 - 4.2 KV • FT 10206c

0	55	73	97	125	169	224	298	368	463	580	692	812	932	1076	1283	1490
10	53	70	94	121	163	216	288	355	447	561	670	786	901	1041	1241	1441
20	51	68	91	116	158	209	278	343	432	542	646	758	870	1004	1198	1390
30	49	65	87	112	152	201	267	330	416	521	622	730	838	967	1154	1339
40	47	63	84	108	146	193	257	317	399	501	598	701	805	929	1108	1285
50	45	60	80	103	140	185	246	303	382	479	572	671	770	889	1061	1231
60	43	57	77	98	133	176	234	289	365	457	546	640	735	848	1012	1174
70	41	55	73	93	126	167	223	275	346	434	519	609	699	806	962	1115
80	39	52	69	88	120	158	210	260	327	410	490	575	661	761	909	1054
90	37	48	65	83	112	149	198	244	308	386	461	541	621	716	855	991
100	34	45	60	78	105	139	184	228	287	360	430	504	579	667	798	924
110	32	42	56	72	97	128	170	210	265	332	397	466	536	617	737	854
120	29	38	51	65	88	117	155	192	242	303	363	426	489	563	673	780
130	26	34	46	59	79	105	139	172	217	272	325	382	439	505	604	700
140	23	30	40	51	69	92	122	151	190	238	285	335	385	442	529	613
150	19	25	34	43	59	77	103	127	160	200	240	282	324	372	446	516
160	15	20	26	34	46	61	81	100	126	157	189	221	255	292	351	405
170	10	13	17	23	30	40	53	66	83	104	124	146	168	193	232	267

- 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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The information provided in this document is indicative. Laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies.

In no way OMERIN SAS shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force.

For an optimum use of our cables, 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.