Current-carrying capacity - BiT1000®Power i BiT1000®H Power

Current- carrying capacity of 3, 4 and 5-wire cables, individually laid in the air or in the ground, working in three-phase systems with symmetric load

Cross section [mm^2]	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240
in the air 30 °C	23	32	42	53	75	100	133	162	197	250	308	359	412	475	564
in the ground 20 °C	31	40	52	64	86	112	145	174	206	254	305	348	392	444	517

Current- carrying capacity of 1-core cables, laid out individually in the air or in the ground, working in DC systems with a distant return conductor

Cross section [mm^2]	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300	400
in the air 30 °C	33	43	57	72	99	131	177	217	265	336	415	485	557	646	774	900	1060
in the ground 20 °C	41	63	82	102	136	176	229	275	326	400	480	548	616	698	815	927	1064

Current- carrying capacity of 1-core cables, arranged in a triangle in the air or in the ground, working in three-phase systems with symmetric load

Cross section [mm^2]	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300	400
in the air 30 °C	26	34	44	56	77	102	138	170	207	263	325	380	437	507	604	697	811
in the ground 20 °C	33	42	54	67	89	115	148	177	209	256	307	349	393	445	517	583	663

Correction factors for ambient temperature other than 30 °C

Temperatura otoczenia °C	10	15	20	25	30	35	40	45	50	55	60	65	70	75
Correction factors	1,18	1,14	1,10	1,05	1,00	0,95	0,89	0,84	0,77	0,71	0,63	0,55	0,45	0,32