

# Current-carrying capacity of cables with silicone insulation

Cross section [mm <sup>2</sup> ]	Group A current-carrying capacity [A]	Group B current-carrying capacity [A]	Group C current-carrying capacity [A]
0,25	2,8	–	5
0,5	6	7	10
0,75	9	12	15
1	12	15	19
1,5	16	18	24
2,5	21	26	32
4	28	34	42
6	36	44	54
10	49	61	73
16	65	82	98
25	85	108	129
35	105	135	158
50	140	168	198
70	175	207	245
95	210	250	292
120	250	292	344
150	–	335	391
185	–	382	448
240	–	453	528
300	–	523	608

**Group A:** Single-conductor cables placed singularly or in bundles in cable ducts

**Group B:** Multicore cables routed in the air or in ventilated cable ducts

**Group C:** Single-conductor cables routed in the air installed with a space equal to at least the outer diameter of the cable.

## Correction factors for an ambient temperature in exceeding of 150 °C

Temperature [°C]	Correction factor
up to 150	1
151 up to 155	0,91
156 up to 160	0,82
161 up to 165	0,71
166 up to 170	0,58
171 up to 175	0,41