

European Ampacity Rating Table for Bundles up to 3 Conductors (ISO)



	Max. Amperage for Single Conductor with an Insulation Temperature Rating of					
area (mm²)	60 °C	70 °C	85 to 90 °C	105 °C	125 °C	200 °C
0.75	6	10	12	16	20	25
1	8	14	18	20	25	35
1.5	12	18	21	25	30	40
2.5	17	25	30	35	40	45
4	22	35	40	45	50	55
6	29	45	50	60	70	75
10	40	65	70	90	100	120
16	54	90	100	130	150	170
25	71	120	140	170	185	200
35	87	160	185	210	225	240
50	105	210	230	270	300	325
70	135	265	285	330	360	375
95	165	310	330	390	410	430
120	190	360	400	450	480	520
150	220	380	430	475	520	560

Courtesy ISO 13297, Table A1. Used with permission.

Derating Factors for Bundles

Number of Conductors Bundled	correction factor
4 to 6	0.7
7 to 24	0.6
25 or more	0.5

Courtesy ISO 13297, Table A2. Used with permission.

Installation in Engine Rooms

insulation temperature rating	correction factor
70 °C	0.75
85 bis 90 °C	0.82
105 °C	0.86
125 °C	0.89
200 °C	1

Courtesy ISO 13297, Table A1. Used with permission.

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Minimum Number of Strands for Wires (ISO)															
area (mm ²)	0.75	1	1.5	2.5	4	6	10	16	25	35	50	70	95	120	150
ISO Type A	16	19						37	49	127			259	418	
ISO Type B	-	-	26	41	65	105	168	266	420	665	1064	1323	1666	2107	

Courtesy ISO 13297, Table A1. Used with permission.

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