

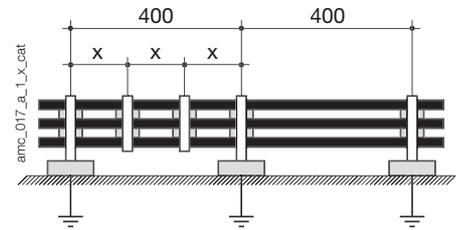
## References

I x N x e (mm)	L (mm)	Permissible amperage for $\Delta T$ (°C) <sup>(1)</sup>			To be ordered in multiples of	Reference
		40°C (A)	50°C (A)	60°C (A)		
9 x 2 x 0.8	2000	113	129	143	4	4518 0902
9 x 3 x 0.8	2000	140	160	178	4	4518 0903
9 x 4 x 0.8	2000	165	188	209	4	4518 0904
9 x 5 x 0.8	2000	187	214	238	4	4518 0905
9 x 6 x 0.8	2000	208	238	264	4	4518 0906
13 x 3 x 0.5	2000	142	162	180	4	4518 1303
13 x 4 x 0.5	2000	165	189	210	4	4518 1304
13 x 5 x 0.5	2000	186	213	237	4	4518 1305
13 x 6 x 0.5	2000	206	235	261	4	4518 1306
15.5 x 2 x 0.8	2000	167	191	212	4	4518 1502
15.5 x 3 x 0.8	2000	207	237	263	4	4518 1503
15.5 x 4 x 0.8	2000	242	277	308	4	4518 1504
15.5 x 6 x 0.8	2000	304	347	386	4	4518 1506
15.5 x 8 x 0.8	2000	358	409	455	4	4518 1508
15.5 x 10 x 0.8	2000	408	466	519	4	4518 1510
20 x 2 x 1	2000	228	261	290	4	4518 2002
20 x 3 x 1	2000	283	324	360	4	4518 2003
20 x 4 x 1	2000	331	378	421	4	4518 2004
20 x 5 x 1	2000	374	428	476	4	4518 2005
20 x 6 x 1	2000	415	474	527	4	4518 2006
20 x 8 x 1	2000	488	558	621	4	4518 2008
20 x 10 x 1	2000	556	635	705	4	4518 2010
24 x 2 x 1	2000	263	301	335	4	4518 2402
24 x 3 x 1	2000	326	373	414	4	4518 2403
24 x 4 x 1	2000	380	435	483	4	4518 2404
24 x 5 x 1	2000	429	491	546	4	4518 2405
24 x 6 x 1	2000	475	542	603	4	4518 2406
24 x 8 x 1	2000	557	636	708	4	4518 2408
24 x 10 x 1	2000	632	722	803	4	4518 2410
32 x 2 x 1	2000	331	379	421	4	4518 3202
32 x 3 x 1	2000	409	468	520	4	4518 3203
32 x 4 x 1	2000	476	544	605	4	4518 3204
32 x 5 x 1	2000	536	612	681	4	4518 3205
32 x 6 x 1	2000	591	675	751	4	4518 3206
32 x 8 x 1	2000	689	787	876	4	4518 3208
32 x 10 x 1	2000	777	887	987 <sup>(1)</sup>	4	4518 3210
40 x 2 x 1	2000	398	455	506	2	4518 4002
40 x 3 x 1	2000	490	560	623	2	4518 4003
40 x 4 x 1	2000	569	650	723	2	4518 4004
40 x 5 x 1	2000	639	730	812	2	4518 4005
40 x 6 x 1	2000	703	803	893	2	4518 4006
40 x 8 x 1	2000	815	932	1036	2	4518 4008
40 x 10 x 1	2000	915	1045	1163	2	4518 4010
50 x 3 x 1	2000	589	673	749	2	4518 5003
50 x 4 x 1	2000	682	780	867	2	4518 5004
50 x 5 x 1	2000	764	873	971	2	4518 5005
50 x 6 x 1	2000	838	957	1062	2	4518 5006
50 x 8 x 1	2000	967	1105	1229	2	4518 5008
50 x 10 x 1	2000	1080	1234	1373	2	4518 5010
63 x 3 x 1	2000	715	816	908	2	4518 6303
63 x 4 x 1	2000	825	943	1048	2	4518 6304
63 x 5 x 1	2000	921	1052	1171	2	4518 6305
63 x 6 x 1	2000	1041	1187	1324	2	4518 6306
63 x 8 x 1	2000	1157	1321	1470	2	4518 6308
63 x 10 x 1	2000	1286	1469	1634	2	4518 6310
80 x 3 x 1	2000	874	998	1110	2	4518 8003
80 x 4 x 1	2000	1006	1149	1278	2	4518 8004
80 x 5 x 1	2000	1119	1279	1422	2	4518 8005
80 x 6 x 1	2000	1220	1393	1550	2	4518 8006
80 x 8 x 1	2000	1393	1592	1771	2	4518 8008
80 x 10 x 1	2000	1543	1763	1961	2	4518 8010
100 x 4 x 1	2000	1211	1383	1538	2	4518 9004
100 x 5 x 1	2000	1343	1534	1707	2	4518 9005
100 x 6 x 1	2000	1460	1668	1855	2	4518 9006
100 x 8 x 1	2000	1660	1897	2110	2	4518 9008
100 x 10 x 1	2000	1833	2094	2329	2	4518 9010
100 x 12 x 1	2000	1993	2277	2531	2	4518 9012

(1) For ambient air temperature of 40 °C  
Important: max. busbar temperature = 105 °C.  
L: length of bar in metres.

I: width of bare busbar in mm.  
N: number of copper layers.  
e: copper layer thickness in mm.

## Implementation



Flexible bars should be mounted on insulated supports with a maximum distance of 400 mm. Bars should also be held together with straps, as shown in the above diagram. The distance between successive straps depends on the electro-dynamic constraints in the event of a short-circuit. The table below gives the recommended distances between straps.

I <sub>cc</sub> max. (kA rms)	Distance x between straps (mm) <sup>(1)</sup>
20	350
25	200
35	100
45	70

(1) 9 mm straps, load 80 kg.