



Quick Busbar Selector

Required Ampacity,* (Range) Amp	Busbar Dimensions, In.**		
	30 °C Rise	50 °C Rise	65 °C Rise
100 (100-149)	1/16x1/2,1/16x3/4	1/16x1/2	
150 (150-199)	1/16x1 1/8x1/2 3/16x1/2	1/16x3/4	1/16x1/2
200 (200-249)	1/8x3/4 1/4x1/2	1/8x1/2	1/16x3/4 1/8x1/2
250 (250-299)	1/16x1 1/2 1/8x1 3/16x3/4	1/16x1 1/8x3/4 3/16x1/2	1/16x1
300 (300-349)	1/16x2 3/16x1 1/4x3/4	1/4x1/2	1/8x3/4 3/16x1/2
350 (350-399)	1/8x1 1/2	1/16x1 1/2 1/8x1 3/16x3/4	1/4x1/2
400 (400-449)	1/4x3/4 3/8x3/4	1/4x3/4	1/4x1/2
400 (400-449)	1/4x1 3/8x3/4	1/4x3/4	1/16x1 1/2 1/8x1 3/16x3/4
450 (450-499)	1/8x2 3/16x1/2	1/16x2 3/16x1	1/4x3/4
500 (500-599)	1/4x1 1/2 3/8x1	1/8x1 1/2 1/4x1 3/8x3/4	1/16x2 1/8x1 1/2 3/16x1



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600 (600-699)	1/8x2 1/2 3/16x2 1/2x1 1/2x1	1/8x2 3/16x1 1/2 1/4x1	1/4x1 3/8x3/4
700 (700-799)	1/8x3 3/16x2 1/2 1/4x2 3/8x1 1/2	1/4x1 1/2	1/8x2 3/16x1 1/2 3/8x1
800 (800-899)	1/8x3 1/2 3/16x3 1/4x2 1/2 3/8x2	1/8x2 1/2 3/16x2 1/2x1	1/4x1 1/2
900 (900-999)	1/8x4 3/16x3 1/2 1/4x3	1/8x3 3/16x2 1/2 1/4x2 3/8x1 1/2	1/8x2 1/2 1/2x1
1000 (1000-1249)	3/16x4 1/4x3 1/2 3/8x2 1/2, 3/8x3 1/2x2, 1/2x2 1/2	1/8x4 3/16x3 1/4x2 1/2 3/8x2	1/8x3 3/16x2 1/2 1/4x2 3/8x1 1/2
1250 (1250-1499)	1/4x4 3/8x3 1/2 1/2x3	3/16x3 1/2, 3/16x4 1/4x3 3/8x2 1/2 1/2x2	1/8x4 3/16x3 1/4x2 1/2 3/8x2
1500 (1500-1749)	1/4x5 3/8x4 1/2x3 1/2, 1/2x4	1/4x3 1/2, 1/4x4 3/8x3 1/2x2 1/2	3/16x3 1/2, 3/16x4 1/4x3 3/8x2 1/2 1/2x2
1750 (1750-1999)	1/4x6 3/8x5	3/8x3 1/2 1/2x3	1/4x3 1/2, 1/4x4 3/8x3 1/2x2 1/2



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2000 (2000-2499)	1/4x8 3/8x6 1/2x5, 1/2x6 3/4x4, 3/4x5	1/4x6 3/8x5 1/2x4	1/4x5 3/8x4 1/2x3 1/2
2500 (2500-2999)	1/4x10 3/8x8 3/4x6	3/8x6 1/2x5 3/4x4	1/4x6 3/8x5 1/2x4
3000 (3000-3499)	1/4x12 3/8x10 1/2x8	1/4x8 1/2x6 3/4x5	1/4x8 3/8x6 1/2x5 3/4x4
3500 (3500-3999)	3/8x12 1/2x10 3/4x8	1/4x10 3/8x8 3/4x6	1/2x6 3/4x5
4000 (4000-4499)	1/2x12 3/4x10	1/4x12 3/8x10 1/2x8	1/4x10 3/8x8 3/4x6
4500 (4500-4999)	3/4x12	1/2x10 3/4x8	1/4x12 3/8x10 1/2x8
5000 (5000-5999)		3/8x12 1/2x12 3/4x10	3/8x12 1/2x10 3/4x8

* For 60 Hz current

** Table gives bus bar cross sections which will probably be large enough for ampacities within each range. Knowing required ampacity, determine possible bus bar dimensions from the table. Then check [Table 1](#) to verify that size selected has the necessary ampacity.

Example: Assume that required ampacity is 185 amp at 30 °C rise. Table 3 indicates that 1/16 x 1 in. size would probably be adequate. This is confirmed by [Table 1](#) which lists the ampacity of 1/16 x 1 in. bus bar as 187 amp.