



# Ms Excel Tutorials Guide

**Evan Berman,Xiaohu Wang**



## **Ms Excel Tutorials Guide:**

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web may 10 2021 turn on the ignition and delete the dme adaptations and the fault code memory press the accelerator pedal to wide open throttle wot 4 times the mdk control function is integrated into the siemens ms42 0 ecm the ecm carries this function out by regulating the engine throttle valve



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web in case of copper bus bar the current carrying capacity is 1 2 max the bus bar 100mm x25mm x1 5mm is suitable for incoming current 100 25 1 5 1 2 4500a in case of aluminium bus bar the current carrying capacity is 0 8 max so the bus bar 100x25x1 5 is suitable for 100 25 1 5 0 8 3000a incoming current

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web desire maximum current rating of bus bar 630amp fault current i sc 50ka fault duration t 1sec the operating temperature rises for the busbar is operating temperature of bus bar  $\theta$  85 c final temperature of bus bar during fault  $\theta$  1 185 c temperature rise of bus bar bar during fault  $\theta$  t  $\theta$  1  $\theta$  100 c ambient

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web circuit board pcb this board is then placed into a cutout hole or slot located in the center of a bus bar figure 1 shows the alternate approach using two drv425 devices when a cutout hole or slot is placed in the center of the bus bar the current is split in two equal parts each side of the cutout will generate

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web knowing required ampacity determine possible bus bar dimensions from this table then check the ampacity table to verify that size selected has the necessary ampacity example assume that required ampacity is 185 amps at 30 c rise this table indicates that 1 16 x 1 in size would probably be adequate this is confirmed by the ampacity

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web nov 24 2019 busbar can be very large or small busbar basically how big and how thick it depends on the current ampere of the busbar one thing to keep in mind busbar height and width are very important in calculations measurements in millimeters must be calculated in millimeters bus bar calculations

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