Subject: Re: Non Metalic Chassis
Posted by Wayne Parham on Wed, 21 Nov 2007 02:47:46 GMT
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The problem of the eddy currents in covers of magnetic devices is very real. Larger currents create larger fluxes which make larger eddy curents. I did industrial control designs for most of my early career and they had high-power circuits controlled by computers, often in the same physical chassis. Most of them had to have isolated grounds, with high current devices electrically isolated. The chassis grounds were separate because noise in the high current side would disrupt the low current side. Transformers, motors and solenoids were the worst offenders.