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**MODEL 596SGFI**

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**DUAL CURRENT SENSING GROUND FAULT INDICATOR MODULE**

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The Model 596SGFI is a dual channel current sensing ground fault detector module. In conjunction with any IED Monitor/Test System, it can be used to monitor the current in any speaker circuit, as well as to detect a fault to ground in either side of an amplifier such as the IED Models 6270L/H or 6208L/H.

Figure 1 shows wiring of the 596SGFI using the 8000 Monitor/Test System. The 596SGFI is connected to the an 8081MT Monitor/Test card through the 8048TBM Rear Terminal Module.

Figure 2 shows the 596SGFI connected to the IED Model 596 Monitor/Test System. The 596SGFI is wired to the Model 596 Monitor/Test System rear panel screw terminal connectors.

When multiple 596SGFI modules are powered from a single power supply, they can be plugged together and mounted in a Snap Track as illustrated in figure 3.



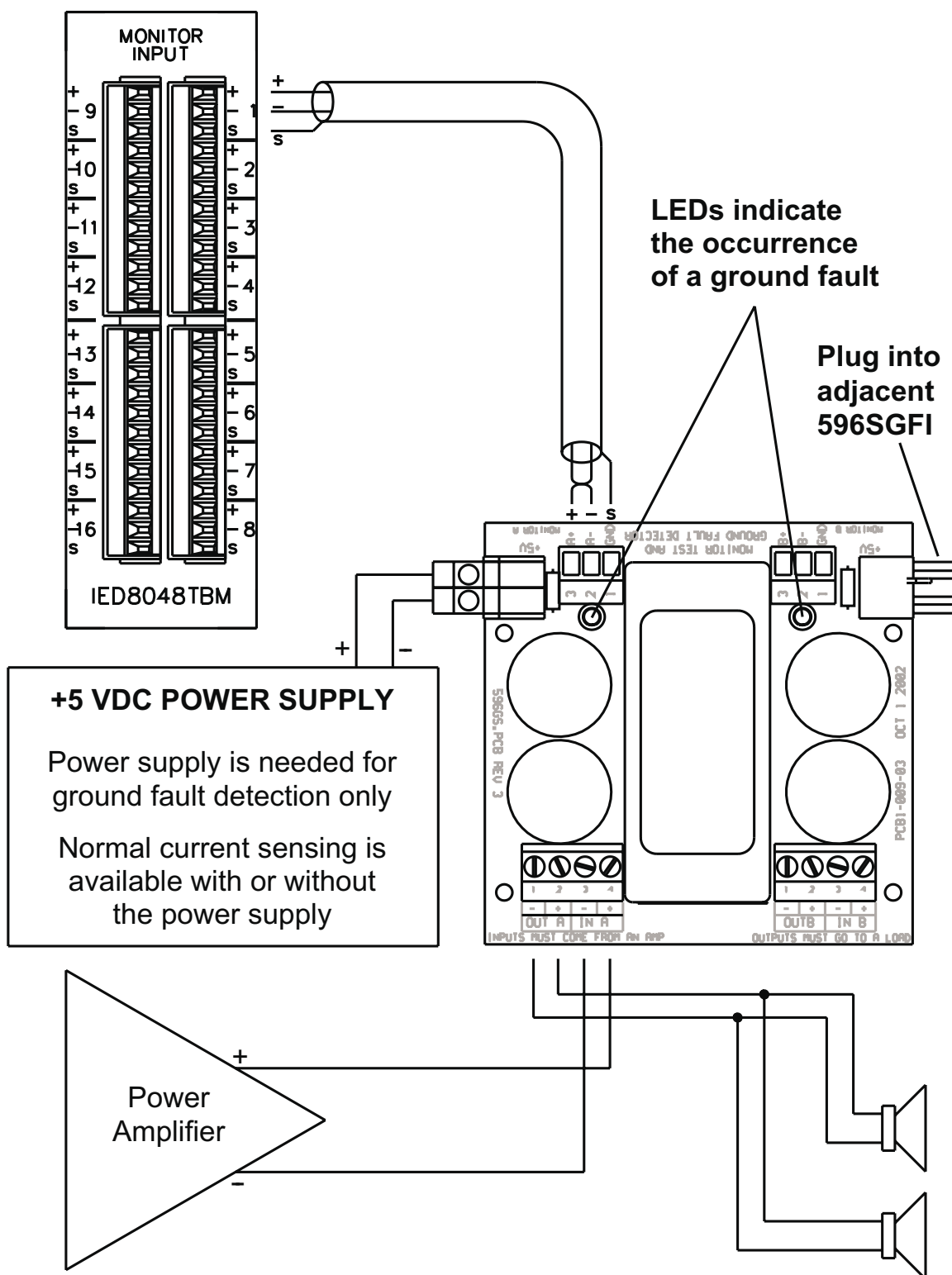


Figure 1 - Connecting the 596SGFI to the 8000 Series

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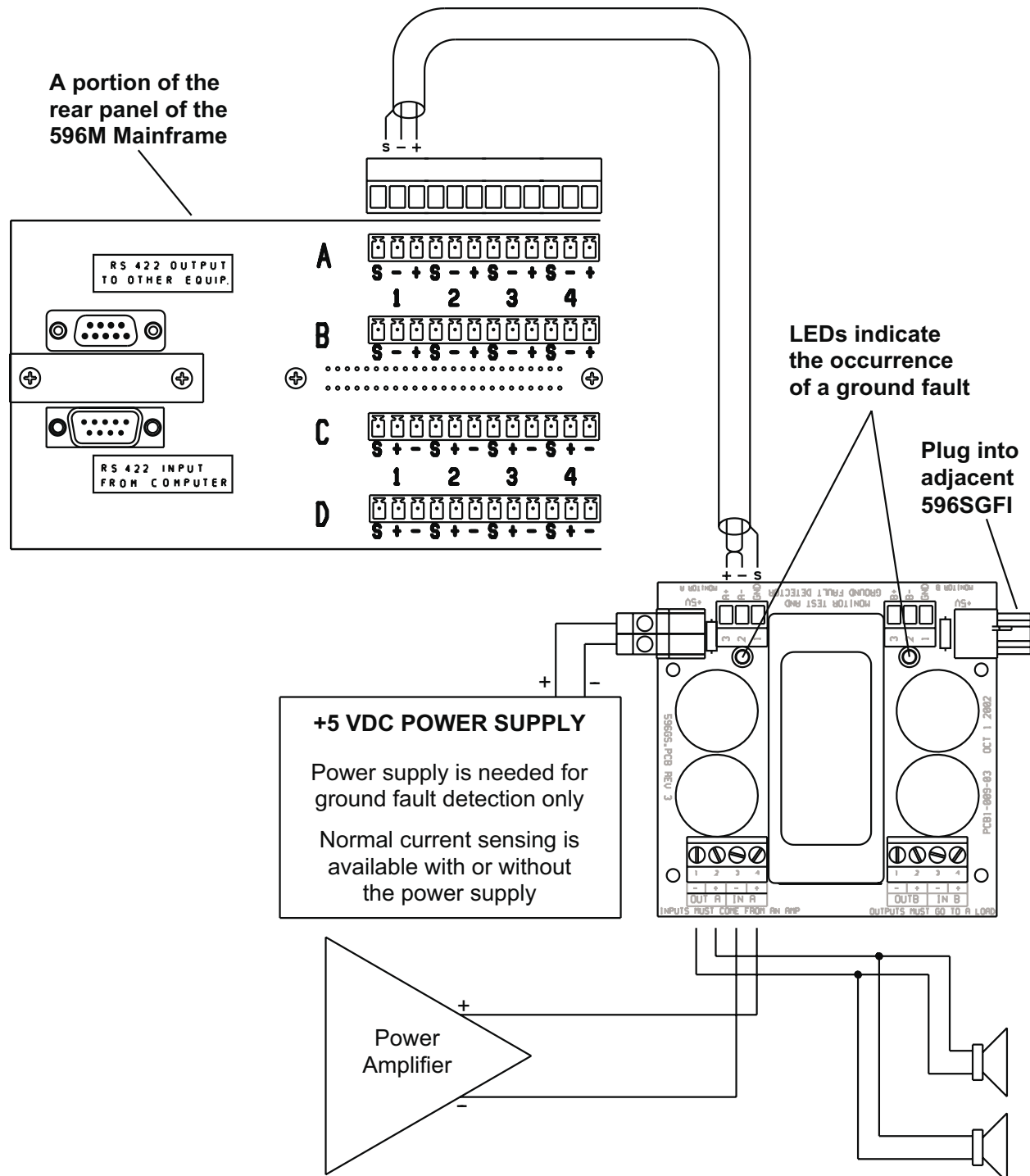


Figure 2 - Connecting the 596SGFI to the 596

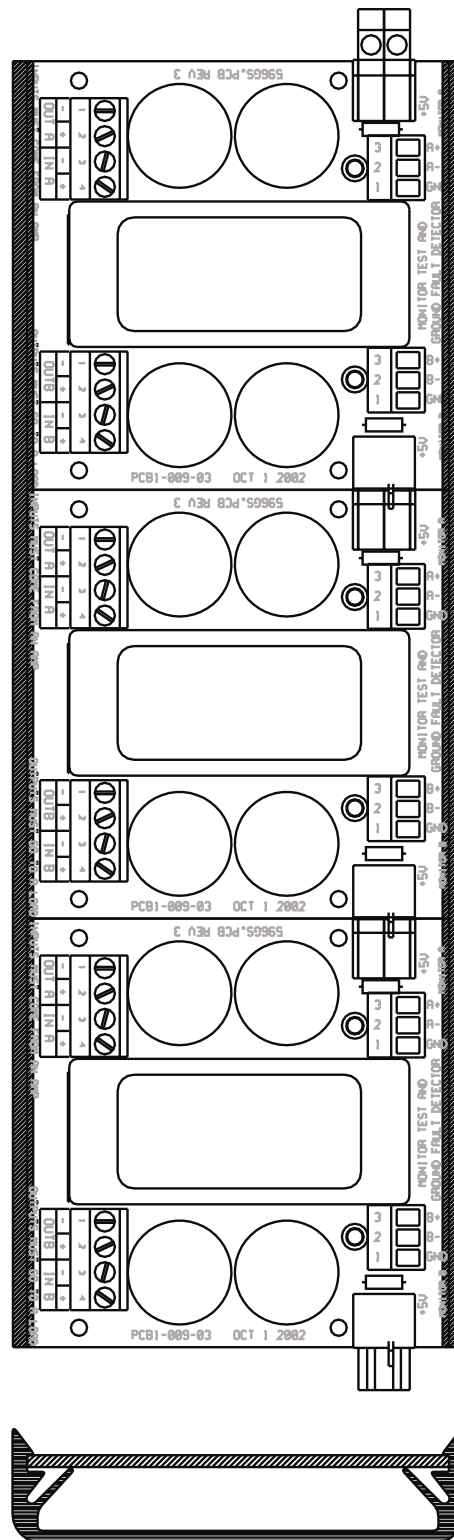


Figure 3 - 3 596SGFIs mounted in Snaptrack™ and interconnected to share a power supply

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