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APPLICATION NOTE #02-A

INDUCTIVE/MAGNETIC LOADS

Argantix programmable DC power supplies are used in numerous applications. Many of these applications require testing of magnetic and inductive loads. Magnetic and inductive loads store energy that can damage DC power supplies if the proper precautions are not taken.

To protect the DC supply, externally mount a freewheeling diode across the DC power supply's output terminals. The anode is connected to the negative terminal and the cathode to the positive terminal. The diode may be required to handle the maximum voltage/current delivered by the DC supply. Be sure to select a diode with the proper rating.

