

# DMC POWER SUPPLY ISOLATION DIODE CARD RETROFIT

PRODUCT INFORMATION BULLETIN #6955

PS DIODE CARD KIT #4450

**This option prevents a power signal back feed that may keep the red LED illuminated on a failed board. With this Isolation Diode Card in place the LED will go out indicating to the operator that the board has failed.**

**Purpose:** The DMC power supply Isolation Diode Card is installed in the power supply to prevent a failed power supply from damaging the remaining power supplies.

When one DMC power supply board fails, the remaining two boards will back feed a power signal to the malfunctioning board. Because of this back feed, the red LED on the failed board will continue to stay lit. In some cases the drain off of power from the malfunctioning board can cause damage to the remaining boards, although this has been fairly rare. The isolation diode eliminates the path of the back feed. Once the diode card is installed the indicator light on the failed card will no longer stay lit.

Installation requires simply installing the new diode card on the power supply, disconnecting wires and connecting the new wiring. No special tools are required.

Order PS Diode Card Kit #4450

Manufactured in U.S.A by Design & Manufacturing, Inc. Fisher, IL 61843  
[www.design-mfg.net](http://www.design-mfg.net) or Phone:217/897-1172