## MEI 1-009-125 Characteristics

Input Voltage 100 - 200 VDC

Output Voltage 24 VDC

Output Current 1.5 A -20 to +60° C

1.0 A -20 to +70° C

Output Accuracy 1%
Load/Line Regulation 0.2%
No Load Power Dissipation 2W

Efficiency 80 - 90% Storage Temperature -40 to +100° C

Operating Temperature -20 to +70° C

Meets IEEE/ANSI 37.90.1 SWC

# MEI

## 125 Volt DC Power Supply

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#### General

The MEI 1-009-125 power supply is a 125 Volt DC input power supply which supplies 24 Volts DC at a current of up to 1.5 Amps. The power supply mounts in the I/O rack of a Modicon Compact 984 PLC.

The module provides a remote shutdown input for control of the output voltage. When the Shutdown input (pin 21) is unconnected, the output is turned on. When the Shutdown pin is connected to the 125 Volt Return input (pin 20), the output is turned off. The Shutdown pin can be controlled by an external contact or an open collector transistor driver.

Two earth ground connections are provided on the module. These points are the ground connection for the input and output noise filtering circuits. For maximum EMI/RFI protection one or both of these points should be wired to earth ground.

Two LED's are provided for indication of power. The upper LED indicates that the 24 volt DC output is active and the lower LED indicates that the 125 volt DC input power is present.

### **Field Connections**

MEI 1-009
+24
24 RETURN
EARTH GND
+125
125 RETURN
SHUTDOWN
EARTH GND

Pin 1	24 Volt Output
Pin 2	24 Volt Return
Pin 3	Earth Ground
Pin 19	125 Volt Input
Pin 20	125 Volt Return
Pin 21	Shutdown
Pin 22	Earth Ground