

- **24V DC High Power (up to 48W) Output**
- **Auto Ranging Power Supply/ Inserter**
- **Overload and Short Circuit Protection**
- **Minimum Cross Talk and Insertion Loss**
- **Advanced Switching Technology – Runs cool**
- **Complies with IEEE 802.3af POE Standard**



### Description

The MD4000 24V POE is an advanced 802.3af compliant power inserter. The power supply is auto-ranging on the input and has a regulated 24VDC voltage output with overload and short circuit protection. It will function with all MD4000 products and is compliant with the IEEE 802.3af POE standards.

The power is supplied on Ethernet pins 4/5 (V+) and 7/8 (V-), compliant with standard conventions.

The POE comes with a standard North American 115VAC power cord. International cords are available upon request.

### Specifications

<b>Size (L x W x H)</b>	4.88" x 2.88" x 1.47" (124 x 74 x 38mm)
<b>Weight</b>	8oz (227gm)
<b>Operating Temperature</b>	-15 to +60 deg C
<b>Storage Temperature</b>	-40 to +85 deg C
<b>Input Voltage</b>	90 – 264VAC @ 47 – 63Hz
<b>Input Current @ Full Load</b>	0.6A @ 120 VAC, 0.35A @ 230 VAC
<b>Efficiency</b>	80% Min.
<b>Output Voltage</b>	24VDC regulated
<b>Minimum Load</b>	0.1A Min
<b>Maximum Load</b>	2.0A Max (48W)
<b>Output Ripple</b>	1% Max
<b>Line Regulation</b>	1%
<b>Load Regulation</b>	2%
<b>AC Connector</b>	IEC 320 EN 60320 C13 (F)
<b>Data IN Conn.</b>	RJ45 Shielded Socket
<b>Data/POE OUT Conn.</b>	RJ45 Shielded Socket
<b>LED</b>	(amber) Green