



## 24.75 STS-3 High Density, Miniature Power Pack for 4 to 20 mA Process Loop Applications

The Series 2400 Process Power Pack is designed to drive up to eight 4 to 20 mA process loops as well as acting as a general purpose power supply.

### Specifications

|                              |   |
|------------------------------|---|
| <b>Input</b>                 | User Selectable<br>105 VAC to 125 VAC -<br>Nominal 115 VAC<br>210 VAC to 250 VAC -<br>Nominal 230 VAC |
| <b>Output Voltage</b>        | 24 V  |
| <b>Output Current</b>        | .175 A  |
| <b>Regulation</b>            | Line: $\pm .1\%$ Load $\pm .1\%$  |
| <b>Ripple and Noise</b>      | 1 mV RMS  |
| <b>Operating Temperature</b> | Case $-20^{\circ}\text{C}$ to $+70^{\circ}\text{C}$   |
| <b>Size</b>                  | Chassis Mounted<br>3" x 2.7" x 1"   |
| <b>Weight</b>                | 10 oz.  |



## MEC 24-1000 Linear Power Supply

Martel Model MEC 24-1000 is a cost effective 24 V linear power supply that provides 24 V power to drive up to fifty, 4 to 20 mA process current loops, or power transducers, display devices, and other process instruments.

It features 1 Amp output current, user selectable 120 VAC or 220 VAC power, rated components for high reliability, and fused overload protection.

### Specifications

|                              |  |
|------------------------------|--|
| <b>Input Power</b>           | 120 VAC or 220 VAC<br>$\pm 10\%$               |
| <b>Output Voltage</b>        | 24 V $\pm 5\%$                                 |
| <b>Output Current</b>        | 1 Amp (max.)                                   |
| <b>Regulation</b>            | Line: $\pm .2\%$ Load $\pm .2\%$               |
| <b>Input Protection</b>      | 0.5 Amp fuse                                   |
| <b>Output Protection</b>     | Current Limited and<br>Thermal Limited         |
| <b>Operating Temperature</b> | $-20^{\circ}\text{C}$ to $+60^{\circ}\text{C}$ |
| <b>Storage Temperature</b>   | $-30^{\circ}\text{C}$ to $+70^{\circ}\text{C}$ |
| <b>Size</b>                  | 7.625" x 3.00" x 2.520"                        |
| <b>Weight</b>                | 1.5 lbs.                                       |



## MECPS Loop Power Supplies

This compact power supply may be used to power various DC operated peripherals and input/output modules on PLC's or transmitters in process control. It is small, economical, and easy to mount.

### Specifications

|                    |  |
|--------------------|--|
| <b>Input Power</b> | 115 VAC $\pm 5\%$ /60Hz  |
| <b>Output</b>      | MECPS-5 5 V $\pm 0.2$ VDC @ 300 mA<br>MECPS-12 12 V $\pm 0.5$ VDC @ 200 mA<br>MECPS-24 24 V $\pm 1$ VDC @ 100 mA |
| <b>Size</b>        | 3" x 2.2" x 1.4"   |
| <b>Weight</b>      | 7 oz.  |