REGULATED DC POWER SUPPLIES

PS Series

The PS1002 linear power supply incorporates the following:

* Accepts a 24 Vac input and outputs from a regulated adjustable 24 Vdc to power devices such as humidity or temperature transmitters, gas detectors or loop-powered transducers.
* The PS102 is field-selectable for full-wave or half-wave operation to suit various applications and features a power LED to indicate status.
* Full wave rectified so that the AC supply and DC output do not share the same ground

PRODUCT HIGHLIGHTS

* Dependable linear power supply
* Compact form factor
* DIN rail mounting

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| PS1002 SPECIFICATIONS |
| VOLTAGE INPUT | 24 Vac, 50/60 Hz |
| VOLTAGE OUTPUT | 24 Vdc (field adjustable 3-26 Vdc) |
| CURRENT INPUT | 3.5 Amps max. (full-wave)2.3 Amps max (half-wave) |
| CURRENT OUTPUT | 2.0 Amps max. (full-wave)1.0 Amps max (half-wave) |
| LOAD REGULATION | <1% at full rated current |
| LINE REGULATION | <0.5% at full rated current |
| OUTPUT RIPPLE | <20 mV at full rated current |
| INPUT FUSE SIZE | 5 Amps (AGC-5) |
| DEVICE STATUS | Green power ON LED |
| OPERATING TEMPERATURE | 0 to 50°C (32 to 122°F) |
| OPERATING HUMIDITY | 5 to 95 %RH, non-condensing |
| MOUNTING | Snap track included |
| DIMENSIONS | 102mm L x 88mm W x 43mm H (4.0” x 3.45” x 1.7”) |
| WEIGHT | 118gm (4.16oz) |
| COUNTRY OF ORIGIN | Canada |

SPECIFICATIONS