**Specifications**

|  |  |  |
| --- | --- | --- |
| **Application** | : | Microprocessor circuits, process controls, control circuits, noise sensitive circuits, instrumentation, CNC machinery, analog circuits  |
| **Brand/Series** | : | [83 Series](http://www.alliedelec.com/power-products/power-supply-ac-dc-power-supplies-/?navigation=4294684344&customfilter=Brand%2fSeries%3a83+Series)  |
| **Configuration** | : | Open Frame  |
| **Current Rating** | : | 2.5 A  |
| **Current, Output** | : | 2.5 A  |
| **Frequency** | : | 50 to 60 Hz  |
| **Input Voltage** | : | 115/230 VAC  |
| **Load Regulation** | : | ±0.1 %  |
| **Mounting Type** | : | Panel Mount  |
| **Number of Outputs** | : | 1  |
| **Operation** | : | Linear  |
| **Power, Output** | : | 60 W  |
| **Regulation, Line** | : | ±0.1 %  |
| **Special Features** | : | Remote Sense  |
| **Standards** | : | UL Recognized, CSA Certified  |
| **Temperature Coefficient** | : | 0.03 %⁄°C  |
| **Temperature, Operating** | : | 0 to +50 °C  |
| **Type** | : | Embedded  |
| **Voltage, Output** | : | 24 VDC  |

**Overview**

104 to 127⁄208 to 254 VAC, 0 to +50 °C Operating Temperature, Linear OEM Single Output Power Supply

Regulated linear DC power supplies give you a precise integrated circuit regulator with superior drift characteristics. Features short circuit protection, automatic foldback current limiting, automatic reset, and isolated, floating output. Low noise and ripple (pard). Designed for both bench and rack use. **Specifications Input. Input Voltage:** 104-127 VAC, 208-254 VAC. **Input Frequency:** 50-60 Hz. **Output. Source and Load Effect Combined:** Condition — Regulation Line and Load; Limit — ±0.1%. **Pard (Ripple and Noise):** Limit — 0.1% pk/pk. **Periodic Deviations (Ripple):** Limit — 10 mv RMS. **Output Voltage Adjustment:** Limit — ±5% Minimum. **Overvoltage Protection:** Limit — Available for all models as an option. Provides both transient and power supply malfunction protection. **Transient Recovery Time:** Condition — (1⁄2 L to FL.); Limit — Less than 50 ms. **General. Storage Ambient Temp.:** Limit — –40°C to +85°C. **Operating Ambient Temp.:** Limit —0°C to +55°C. Temp. **Effect Coefficient:** Limit — 0.03%°C. **Polarity:** Limit — May be used positive or negative. **Short Circuit Protection:** Limit — Protected with automatic recovery. Max. **Allowable Lead Drop For Remote Sensing:** Limit — 5%. **Max. Output Current:** Limit — 120% rated current. **Max. Short Circuit Current:** Limit — 30% rated current. **Input/Output Isolation:** Limit — 1000 Megohms D.C., 2500 VAC. Specifications are typical, contact factory for more information.

**Features**

 Low Noise Output

 Remote Sensing

 115/230 VAC

 Isolated Floating Output

 Current Limiting — Automatic Reset

 UL Recognized, CSA Certified

 Warranty for One Full Year

 Built-In OVP on 5 Volt Models

 Terminal Block on Case D Models (24 V/6 A)
**Applications**

 Microprocessor Circuits

 Process Controls

 Control Circuits

 Noise Sensitive Circuits

 Instrumentation

 CNC Machinery

 Analog Circuits

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| **Configuration** | : | Open Frame  |
| **Current Rating** | : | 2.5 A  |
| **Current, Output** | : | 2.5 A  |
| **Frequency** | : | 50 to 60 Hz  |
| **Input Voltage** | : | 115/230 VAC  |
| **Load Regulation** | : | ±0.1 %  |
| **Mounting Type** | : | Panel Mount  |
| **Number of Outputs** | : | 1  |
| **Operation** | : | Linear  |
| **Power, Output** | : | 60 W  |
| **Regulation, Line** | : | ±0.1 %  |
| **Special Features** | : | Remote Sense  |
| **Standards** | : | UL Recognized, CSA Certified  |
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