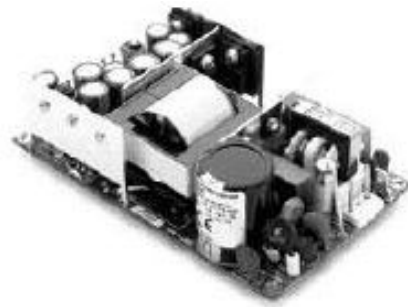


- Universal 85-264 VAC Input
- High Efficiency
- Compact 108 x 63.5 x 30.5 mm
- 2-Year Warranty
- Fits 1U Applications
- One to Four Outputs
- Industrial & Medical Approvals
- Optional Chassis & Cover



Specification

| | |
|------------------------------|---|
| AC Input Range..... | 85~260 VAC, 47~63 Hz |
| Output Voltage..... | See table below, (plus +/-5% adjust. range on output 1) |
| Output Power..... | 40 Watts convection cooled open frame or cased |
| Over Load Protection..... | Minimum 110%, recovers automatically |
| Over Voltage Protection..... | Output 1: 110~150% |
| Minimum Load..... | 10% required on O/P1 for regulation of auxiliary outputs |
| Start Up Time..... | 1 second (230VAC input @ full load) |
| Hold Up Time..... | 10 ms min, 40 W Output, 120 V Input |
| Isolation Voltage..... | Input ~ output: 4 kVAC |
| Operating Temperature..... | 0 to +50 °C @ full power (derate linearly from 50 °C to 50% power @ 70 °C) |
| Storage Temperature..... | -40~+85 °C |
| Safety Standard..... | UL60950-1, TUV EN60950-1, EN60601-1 |
| EMC Standard..... | EN55011/22 Class B, EN61000-4-2, 3, 4, 5, 6, 11 |
| MTBF..... | 100 khrs (MIL-HDBK-217F) @ 25 °C, ground benign |

Models and Ratings

| Model | Output 1 | Output 2 | Output 3 | Output 4 |
|--------------|---------------|---------------|---------------|---------------|
| SRP-40A-1001 | 3.3 V / 10 A | | | |
| SRP-40A-1002 | 5 V / 8 A | | | |
| SRP-40A-1007 | 9 V / 4.45 A | | | |
| SRP-40A-1003 | 12 V / 3.33 A | | | |
| SRP-40A-1004 | 15 V / 2.67 A | | | |
| SRP-40A-1005 | 24 V / 1.67 A | | | |
| SRP-40A-1006 | 48 V / 0.83 A | | | |
| SRP-40A-2001 | +5 V / 5 A | +24 V / 1.5 A | | |
| SRP-40A-2002 | +5 V / 5 A | +12 V / 3 A | | |
| SRP-40A-2003 | +5 V / 5 A | -5 V / 4 A | | |
| SRP-40A-2004 | +12 V / 3 A | -12 V / 3 A | | |
| SRP-40A-2005 | +15 V / 2.5 A | -15 V / 2 A | | |
| SRP-40A-2007 | +3.3 V / 5 A | +5 V / 0.7 A | | |
| SRP-40A-3001 | +5 V / 5 A | +12 V / 2 A | -12V / 0.7A | |
| SRP-40A-3002 | +5 V / 5 A | +15 V / 2 A | -15 V / 0.7 A | |
| SRP-40A-4001 | +3.3 V / 5 A | +5 V / 3 A | +12 V / 0.7 A | -12 V / 0.7 A |
| SRP-40A-4002 | +5 V / 5 A | +3.3 V / 3 A | +12 V / 0.7 A | -12 V / 0.7 A |
| SRP-40A-4003 | +5 V / 5 A | -5 V / 3 A | +12 V / 0.7 A | -12 V / 0.7 A |
| SRP-40A-4004 | +5 V / 5 A | -5 V / 3 A | +15 V / 0.7 A | -15 V / 0.7 A |
| SRP-40A-4005 | +5 V / 5 A | +24 V / 1.5 A | +12 V / 0.7 A | -12 V / 0.7 A |
| SRP-40A-4006 | +5 V / 5 A | +24 V / 1.5 A | +15 V / 0.7 A | -15 V / 0.7 A |

Options:

For chassis and cover, add “-CHCO” to the model number

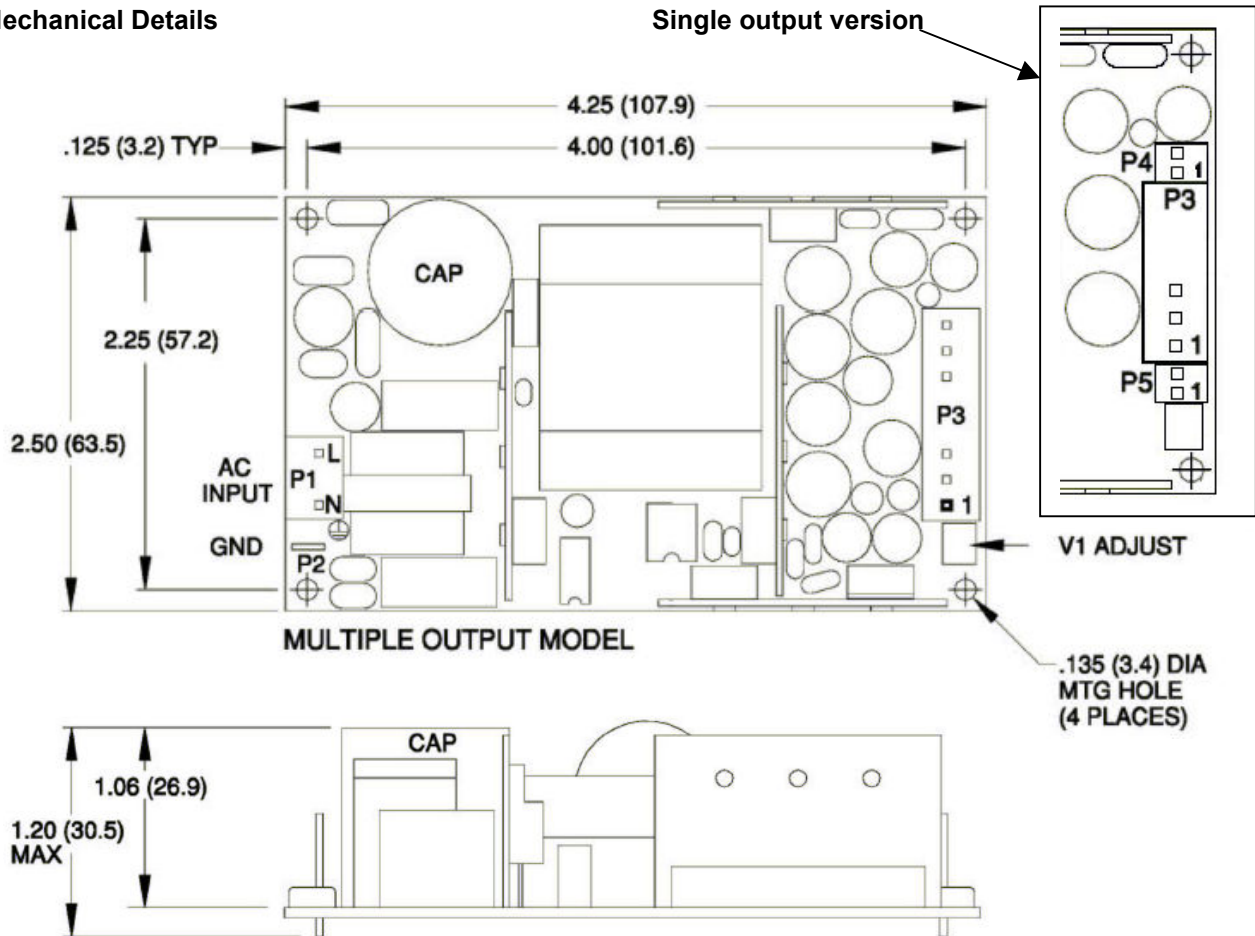
For screw terminals add “-TS” to the model number

For isolated output, add “IO” to the model number

40 Watt, SRP40A Series, Open Frame, (Single & Multi Output)

ALL PSU LTD
Electronic Power Solutions

Mechanical Details



| Pin (Connector P3) | Function | |
|-----------------------|------------|-----------|
| | Single O/P | Multi O/P |
| 1 | -V Out | +V4 Out |
| 2 | -V Out | -V4 Out |
| 3 | -V Out | +V3 Out |
| 4 | +V Out | -V3 Out |
| 5 | +V Out | +V2 Out |
| 6 | +V Out | -V2 Out |
| 7 | | +V1 Out |
| 8 | | -V1 Out |
| Connector P4 | | |
| 1 | +V Out | |
| 2 | + Sense | |
| Connector P5 | | |
| 1 | -V Out | |
| 2 | - Sense | |

Input connector P1 mates with Molex 09-50-3031 or equivalent and 08-50-0189 crimp terminal

Output connector P3 mates with Molex 09-50-3061 or equivalent and 08-50-0189 crimp terminal

Output connectors P4 & P5 mate with Molex 22-01-2027 or equivalent and 08-50-01114 crimp terminal

Notes:

Maximum temperature (without derating) with chassis and cover fitted is 40 °C

With optional chassis and cover fitted, dimensions increase to: 113(L) x 71.4(W) x 43.2(H)

This product only includes one fuse on the input circuit. In consideration of UL60601-1, a second fuse may be required in the end equipment.

Specifications can change without notice, E&OE. ALL PSU Terms & Conditions apply.

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