



17W Universal Input Adaptor

PSA-30U Series Triple Output



Features

- Enclosed Packaging
- Compact Case
- Meets IEC Directives
- ISO 9001 Quality System

Applications

- Networking
- Micro Based Products
- Compact Peripherals
- Portable Instruments

Safety Approvals

- UL1950
- CSA 22.2 234
- IEC 950, TUV
- Nordic, Japan MITI (-301 only)

Mechanical Characteristics

- Dimensions:
- Length: 140mm (5.5in)
 - Width: 60mm (2.36in)
 - Height: 39mm (1.53in)
 - Weight: 360gm (12.5oz)

Output Specifications

Model	DC Output Voltage	Load			Ripple (1) P-P	Regulation	
		Min.	Max.	Peak*		Line	Load
PSA-30U-301A	+5V	0.3A	1.0A		50mV	±1%	±5%
	+12V	0.2A	0.7A	0.8A	120mV	±1%	±5%
	-12V	0.1A	0.2A		120mV	±1%	±10%
PSA-30U-303D	+5V	0.3A	1.0A		50mV	±1%	±5%
	+12V	0.0A	0.7A	0.8A	120mV	±1%	±5%
	-5V	0.1A	0.3A		50mV	±1%	±5%

* 2 seconds.

(1) Measured at full load by using a 12 inch twisted pair terminated with a 10mfd capacitor and a 0.1mfd ceramic in parallel.

AC Input Voltage

90 to 264 VAC

AC Input Frequency

47 to 63Hz

AC Input Current (Full Load)

0.4Arms (120VAC)

0.2Arms (240VAC)

AC Inrush Current (Cold, Full Load)

20A max. (120VAC)

40A max. (240VAC)

AC Surge Immunity

IEC 1000-4-5; IEC 801-5, Level 3

Leakage Current

Less than 3.5mA

Dielectric Withstand (Hipot)

1500VAC, 1 min., 10mA

Hold-up Time (Full Load)

20msec, 120VAC

Overcurrent Protection

Short Circuit, Auto Restart

Operation Temperature

0 to 40°C

Storage Temperature

-40 to +70°C

MTBF100,000 hrs. minimum
(full load, 240VAC, 25°C)**Emissions**

FCC Class B

EN 50081-1: EN 55022 B

Immunity

EN 50082-1: IEC 801-2 Level 3

IEC 801-3 Level 2

IEC 801-4 Level 4

AC Mating Connector

Cord, IEC EN 60320/C13 (3 wire)

DC Output Connector

-301A

8 Pin Mini-DIN

Pins 1,2,3 =5V

Pin 4 = +12V

Pin 5 = -12V

Pins 6,7,8

= Return

-303D

5 Pin DIN

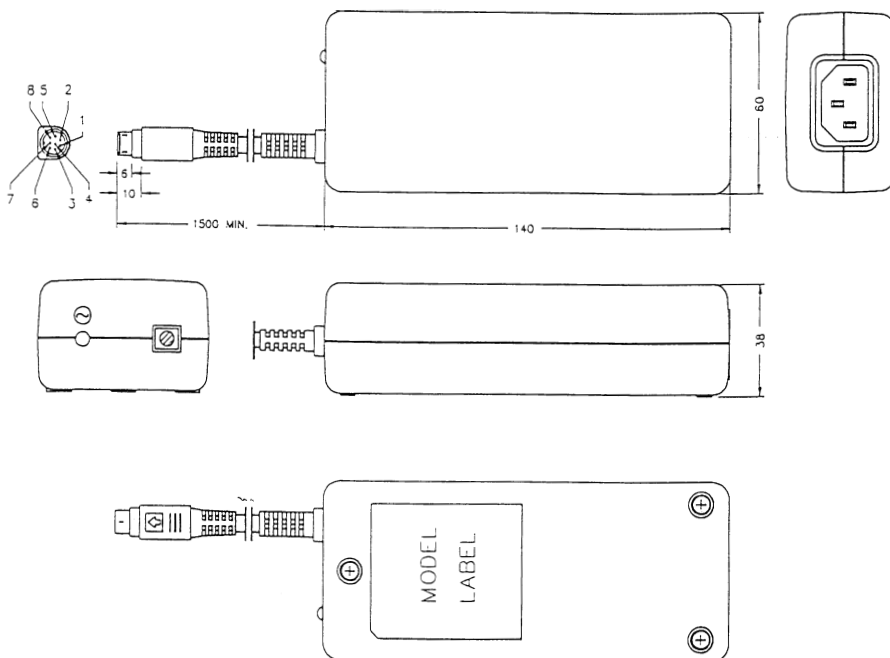
Pins 1 & 2

=Return

Pin 3 = +5V

Pin 4 = -5V

Pin 5 = +12V

Dimension Diagram Unit: mm (inch)

Mouser Electronics

Authorized Distributor

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[PSA-30U-301A-R](#)