

PW132

ITE 101 WATT SERIES



PW132 SWITCH-MODE POWER SUPPLY

- 100-240 VAC Universal Input
- Desktop Style
- Single Output to 101W
- Regulated Output With Low Ripple
- Meets Safety Agency Requirements
- Complies With EMI/RFI Regulations
- CE Compliant
- Impact Resistant Polycarbonate Enclosure
- Private Label Marking Available
- 1 Year Warranty
- Modified and Custom Designs Also Available

PW132

Ault Part No.	Voltage DC	Max Amps	Max Watts
PW132RA1251F01	12V	8.15	98
PW132RA1551F01	15V	6.5	97.5
PW132RA2403F01	24V	4.21	101
PW132RA4803F01	48V	2.08	101

Ault Part No. Key

PW132	R	A	12	51	F	01
Product Family Name	Manufacturing Location (volume dependent)	Design Revision Changes	Voltage DC	Connector #51 - standard on 12V and 15V models; connector #3 standard on the 24V and 48V models	Input Configuration/ Model Type (see pg. 2)	Standard (no modifications, special artwork or special packaging)



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Input

Rated Voltage	100-240 VAC -10%, +6%
Line Frequency	47 - 63 Hz
Current	2.2 A max. at 90 VAC input
Protection	Internal primary current fuse, Inrush limiting

Output

Combined Line and Load Voltage Regulation	±1% excluding cord
Ripple	1% V p-p max
Transient Response	0.5 msec. for 50% load change typical
Holdup Time	20 msec min. over entire input range
Protection	Overcurrent protection Short circuit protection Optional overvoltage crowbar
Cord and Connector	Ault #51 connector standard on 12V and 15V models; Ault #3 connector standard on 24V and 48V models. Other cable options available.

Safety Approvals

Agency Listings	cULus60950, TUV/IEC EN60950
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Input Configuration



IEC320
w/ground
C14
(F)

Electrical

Dielectric Withstand	3000 VAC, 4250 VDC primary-secondary 1500 VAC, 2150 VDC primary-ground 500 VDC secondary-ground
Spacing	6.4mm primary-secondary
Efficiency	85% Typical
EMI	Complies with EMC Directives
CE	CE Compliant
MTBF	Min. 100,000 Hours

Environmental

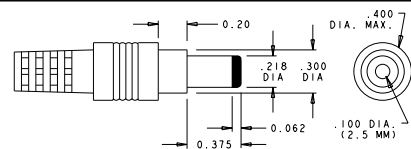
Operating Temperature	0° to 40° C with no derating
Storage Temperature	-30° to +85° C
Relative Humidity	5% to 95% non-condensing
Altitude	0-10,000 feet
Cooling	Convectational - non vented case

Mechanical

Case and Dimensions	9.0L x 2.9W x 2.0H (in) 229L x 74W x 51H (mm)
Case Material	Black 94V0 polycarbonate
Weight	24 ounces, 684 grams (excluding cord)

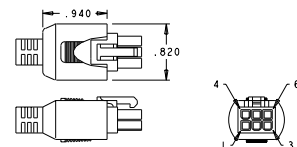
Connector

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Pinout Code	Center contact: positive
Description	Switchcraft 760 plug or equivalent
Suggested Mating	Switchcraft 712A jack or equivalent
Other Connectors are available by special order	

51



Pinout Code	Molded Mini Fit Receptacle
Description	Overmolded by Ault 6 pos, Molex 39-01-2060 max. wire 18AWG or equivalent
Suggested Mating	Plug Molex 39-01-2060 or 3063
Other Connectors are available by special order	



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