

DSA-24PAG-24-3,5A

24V / 2.5A Constant Voltage desktop type AC/DC adaptor



■ Features:

- Universal AC input / Full range
- Desktop type, Isolation class II design
- ErP step II / CEC level V compliance
- Protections: Overload / Short circuit



ELECTRICAL SPECIFICATION

MODEL	DSA-24PAG-24-3,5A
OUTPUT	
<i>Rated Voltage</i>	24V
<i>Rated Current</i>	3.5A
<i>Current Range</i>	0 ÷ 3.5A
<i>Rated Power</i>	84W
<i>Line Regulation</i>	± 2%
<i>Load Regulation</i>	± 5%
<i>Tolerance [3]</i>	± 8%
<i>Ripple & Noise (max.) [2]</i>	240mV _{p-p}
<i>Setup, Rise Time [4]</i>	1000ms, 50ms / 230VAC at full load
<i>Hold up Time (typ.)</i>	8ms / 230VAC at full load
INPUT	
<i>Voltage Range</i>	90 ÷ 264VAC
<i>Frequency Range</i>	47 ÷ 63Hz
<i>Efficiency (typ.)</i>	89%
<i>AC Current (typ.)</i>	1.3 A / 115VAC, 0.60 A / 230VAC
PROTECTIONS	
<i>Overload</i>	Range: 110 ÷ 150% rated current Type: hiccup mode, auto-recovery.
<i>Short Circuit</i>	Type: hiccup mode, auto-recovery.
WORKING ENVIRONMENT	
<i>Working Temperature</i>	0°C ÷ 40°C
<i>Working Humidity</i>	10 ÷ 90% RH non-condensing
<i>Storage Temperature and Humidity</i>	-20°C ÷ 85°C, 5 ÷ 90% RH non-condensing

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SAFETY and EMC REGULATIONS

Safety Standards	Compliance to EN 60950-1
Withstand Voltage	IN/OUT: 3.6kVAC
Isolation Resistance	IN/OUT: 50M Ω /500VDC/25°C/70%
EMC Emission	Compliance to EN55032
EMC Immunity	Compliance to EN55024
Harmonic Current	Compliance to EN61000-3-3; EN61000-3-2

OTHERS

DC wire and plug	Wire: 21AWG*2C, length = 100mm	Plug: 2.1/5.5, positive inside
Dimensions	115 x 50.5 x 31mm (L x W x H)	
Net Weight	290g	

1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 μ F i 47 μ F parallel capacitor.
3. Tolerance includes set up tolerance, line regulation and load regulation.
4. Setup and rise time is measured from 0 to 90% rated output voltage.
5. Power supply is considered as component not indented to apply by end-user. Power supply meets safety and EMC standards however the final equipment with power supply must be re-quality to comply with EMC Directives.

MECHANICAL SPECIFICATION

