



# PS24-5A

## Switch Mode Power Supply

### Features

- 120W rated power
- Compact Size
- LED Indicate For Power ON
- Din Rail Mount
- Cooling by free air convection

### Protection Available

- ▶ Overload, Over voltage, Output short circuit, Over Temperature

### Input Specification

<b>Supply Voltage</b>	100 to 270V AC±10%,(L-N)
<b>Frequency Range</b>	50/60 Hz
<b>AC Current (TYP.)</b>	1.8A@115V AC 1.1A@230V AC
<b>Efficiency (TYP.)</b>	>85%@230VAC
<b>Start UP time</b>	<1 sec@230VAC & <3 sec@115VAC (Full Load)

### Output Specification

<b>Output Voltage</b>	22-28V DC
<b>Output Current</b>	5A at 24V; 4.29A at 28V
<b>Ripple &amp; noise</b>	<1% of Vout*
<b>Line &amp; Load Regulation</b>	±1%
<b>Hold UP Time</b>	<60ms at 230VAC & >15ms at 115VAC (Full Load)

### LED Indication

**LED 1** Power On

### Protection

<b>Input Fused</b>	3.15A-250V AC Internal
<b>Output Over Load</b>	110% to 140% of rated output Current protection Protection Type : hiccup mode; recover automatically after fault condition is removed
<b>Output Short Circuit</b>	Hiccup mode when output is shorted;Recovers automatically after fault condition is removed.
<b>Output Over Voltage</b>	SMPS Latches off if output voltage Exceeds the specified output voltage Limits.
<b>Over Temperature</b>	Power supply shuts down when the temperature goes above specified limit; Turns on automatically after temperature goes back to Normal operating conditions.

## Physical

Mounting Type	Din Rail Mount
Size ( H x W x D )mm	105 X 45 X 110
Material	ABS

## Environmental

Working Temperature	-25 °C to 50 °C * De-rate output power at 3w/°C above +50 °C Ambient
Storage Temperature	-40 °C to 85 °C
Relative Humidity	95% RH Non-condensing
Warm up time	5 minutes

## Dimension



## Terminal Connection



Multispan reserves the right to change specifications without prior notice. Printing and typographical errors reserved.  
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