

# PSD243

## Power Supply

## AUDAC

### ► Features

- 24 V DC / 2 A
- Universal AC input (100-240 V AC / 50-60 Hz)
- DIN rail mounting
- DIN screw terminal connections
- High efficiency and reliability
- Power on indication
- Protections: Overload, Over Voltage, Over Temperature and Short Circuit
- CE approval

### ► Applications

- Any application which needs 24 V DC



The AUDAC's PSD243 is a versatile DIN mounting switching power supply with an industrial grade design. Hereby, it can be used in small simple applications as well as industrial environments and hazardous locations.

It accepts a wide range of input voltage (90 - 264 V AC) and provides up to 2 A output current at 24 V DC.

The output voltage is adjustable over a minimum range of 10%, and a power indicator LED is provided on front of the PSD243.

When an overload or short circuit occurs at the output terminals, the internal protection circuit will be enabled to avoid damage. The input is fitted with a fuse, which protects against internal faults.

The in- and output connections are made with DIN screw terminal connectors.

The PSD243 can be used for all kinds of applications which need an external power of 24 V DC at a maximum current rating of 2A.

Other AUDAC DIN rail power supply's:

- PSD124: 12 V DC / 4 A
- PSD246: 24 V DC / 6.3 A

### ► Specifications

SYSTEM SPECIFICATIONS	
Power output	24 V DC +/- 2%
Power supply	Normal: 100 - 240 V AC 50/60 Hz Operating: 90 - 264 V AC 47/63 Hz
DC output current	2 A
Max. power	48 W
DC adjustment range	21.5 to 26.5 V DC
Ripple and Noise	120 mV
Efficiency	85%
Inrush current full load cold start	35 Amp @ 230 VAC
Overload protection	105% - 150% rated output power
Over voltage protection	115% - 135% rated output voltage
Set-up, Rise, Hold up time	1000 ms, 60 ms, 50 ms @ full load and 230 V AC
Working Temperature	-10 to 70 °C
Storage Temperature	-40 to 85 °C
Safety standard	EN60950 EN61000-3-2 EN61000-4-2, 3, 4, 5, 6
Mean Time Between Failures	1.000.000 H @ 25 °C
PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	32 x 125 x 100 mm
Weight net	310 g
Construction	DIN rail
Connections	Input: 3 pole screw DIN terminal Output: 4 pole screw DIN terminal
SHIPPING & ORDERING	
Packaging	Carton box
Shipping weight & volume	310 g - 0.000?? Cbm
*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our product	