

MODEL:- IPS-1A-SL/xx xxx
 Linear Power Supply 120/240V to 12V or 24V at 1AMP



GENERAL DESCRIPTION

The IPS-1A-SL replaces the IPS-1A industrial power supply and is the smallest and most compact in the IPS-...series.

The newly developed IPS-1A-SL is a low cost combined switch-mode/linear power supply utilizing a mains toroidal isolation transformer, thus giving the user low thermal dissipation and high transformer utilization factor. A switch-mode first stage reduces the DC voltage and the second stage linear regulator stage 'slices' off the majority of the switch-mode noise.

Special voltage outputs also available.

TECHNICAL DATA

Power Supply (Input)

120Vac or /240 Vac +/- 10% (nominal)
 Frequency 40 - 60Hz
 Power 35VA

Output:

Supply Nominal 24 Vdc @ 1A continuous
 24 Vdc @ 1.25A peak
 Ripple & Noise Less than 5mV RMS less than 35mV peak

Hold up time 20mSec @ Full Load
 Other outputs 5Vdc, 12Vdc, 15Vdc

GENERAL SPECIFICATION

Overall Efficiency 73% or better

Isolation (Input/Output) 4kV rms (VDE 0550 and BS415 Class 2)
 Operating Temp 0 to 60 Deg C
 Storage Temp -25 to 60 Deg C
 Mounting Style DIN Rail
 Terminals Self-opening 2.5mm/12AWG (plug on/off)
 Housing Material KRILEN
 Dimensions 105mm X 45mm X 75mm
 Weight 700 grams

FEATURES

- ◆ Fuse Protected Mains Input
- ◆ Plug Off Terminals (4 for +ve / 4 for -ve)
- ◆ Output Healthy LED
- ◆ 1A continuous output
- ◆ 1.25A short term overload capability
- ◆ Short circuit protected output
- ◆ Low output noise and ripple
- ◆ C-tick / CE marking

