

Convel 92401 Chassis Mounting AC/DC Regulated Linear Power Supply

This high quality linear regulated power supply provides outstanding value and is designed for ease of application and long trouble free life.

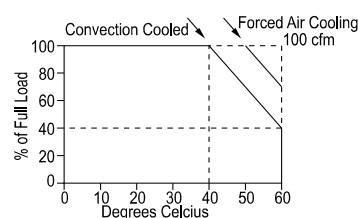
- ◆ Universal AC input 100 - 240VAC
- ◆ 24VDC 1.25A output
- ◆ 3.75kV Isolation safety transformer
- ◆ Short circuit and overload protection
- ◆ Quality UK design and manufacture



GENERAL SPECIFICATIONS

A.C. Input	100/120/220/240VAC +10%, -12%, 47 to 440Hz
D.C. Output	24V at 1.25A
Line Regulation	±2.0% for a 10% line change.
Load Regulation	±2.0% for a 100% load change.
Output Ripple	0.2% PK-PK maximum
Short Circuit and Overload Protection	Automatic current limit/foldback
Temperature Rating	0°C to +40°C full-rated, derated linearly to 40% at 60°C

TEMPERATURE DERATING CURVE



Efficiency (typical)	60%
Isolation	Input to ground: 3750VAC min. Input to output(s): 3750VAC min. Output to ground: 500VAC min. Leakage current (live to ground): 5µA max.

MECHANICAL

Overall dimensions (l x w x h)	179 x 118.6 x 88mm
Weight	2.3kg
Mechanical Format	All units are supplied fully enclosed as standard
Mounting Orientation	Units may be mounted horizontally as shown on the outline drawing overleaf, or vertically with the cables entering from below.
Ventilation and Cooling	Units are convection cooled and therefore require free air flow around the chassis.
Fixings	Units have 4 x M3 ISO standard threaded inserts provided
Connectors	The following connectors are provided on the power supply: Screw terminals are provided for input and output connections Input voltage selection is achieved using links on the transformer

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OUTLINE DRAWING

All dimensions are nominal and are in mm.

