Convel 90000 Series Chassis Mounting AC/DC Unregulated Linear Power Supplies

A range of DC power supplies manufactured to a high standard suitable for a wide range of industrial control applications. All models feature detachable terminal covers to provide easy access for connection to the input and output terminals. This cover is recommended to be secured back in position prior to use.

◆ 12, 24 or 48V DC output
◆ 120 to 360 Watt
◆ Suitable for many industrial applications e.g. relays, solenoids, DC motors etc.
◆ Universal input
◆ 3.75kV isolation safety transformer
◆ Quality UK design and manufacture

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GENERAL SPECIFICATIONS

Input	115/230VAC 50/60Hz
D.C. Output	See Model Chart
Load Regulation	20% or 3V whichever is the greater for 20 to 100% load change
Output Ripple & Noise	1.5Vrms maximum
Operating Temperature	0°C to +40°C
Isolation	Input to ground: 3750VAC min.
	Input to output: 3750VAC min.
	Output to ground: 500VAC min.
Output overcurrent	Circuit breakers

Model	Output Voltage	Output Current	Output Power
91210	12V	10A	120W
91220	12V	20A	240W
92405	24V	5A	120W
92410	24V	10A	240W
92415	24V	15A	360W
94805	48V	5A	240W

MECHANICAL

Overall Dimensions	l x w x h: 210 x 152.1 x 140.1mm
Weight	91210: 3.9kg
	91220: 5.8kg
	92405: 3.9kg
	92410: 5.8kg
	92415: 7.7kg
	94805: 5.8kg
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 5.6mm (0.2in) mounting holes 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 terminal block links

OUTLINE DRAWING

All dimensions are nominal and are in mm.

155
100
27.5
10
230
250

2 cable glands
Output
Input
100
27.5
92
142

4 fixing holes
5.6 DIa

Ventilation