

Convel 41000 Series DIN Rail Mounting Power Supplies for Instrumentation Applications

The 41000 Series range of power supplies are designed for quick and trouble-free installation onto 35mm profile DIN rails. With outputs ranging from 5V to 24V and maximum current capabilities from 100mA to 500mA, these units are ideal for most instrumentation and control systems.

Every model in the range is provided with output current foldback limiting and is fully short-circuit protected. Great attention has been taken to usability and safety. A green "supply on" LED is provided to clearly indicate the presence of power, and link selection allows the use of 110 or 230V supplies without derating.



GENERAL SPECIFICATIONS

Input	115 VAC or 230 VAC ($\pm 10\%$) link selectable
DC Output	See model chart
Ripple & Noise	less than 5mV rms.
Output Voltage Tolerance	$\pm 0.5\%$ max.
Load Regulation	$\pm 0.2\%$ for 50% load change
Line Regulation	$\pm 0.05\%$ for 10% line change
Isolation: Input to output	3750 VAC min.
Temperature Rating	Standard Range: 0°C to $+50^{\circ}\text{C}$ full-rated, derated linearly to 40% at 70°C
Safety	In accordance with EN60950; IEC950; UL1950; and CSA 22.2
Transformer	VDE 0551
Case Size	(l x w x h) 119.2 x 45 x 73.2mm. The case is rated to IP20
Case Material	Polycarbonate (self extinguishing to UL 94V-0)
Weight	0.37kg
	41245: 0.53kg

Model	Output Voltage Volts	Output Current mA
41052	5	200
41055	5	500
41121	12	100
41122	12	200
41124	12	400
41151	15	100
41153	15	300
41241	24	100
41242	24	200
41245	24	500

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