




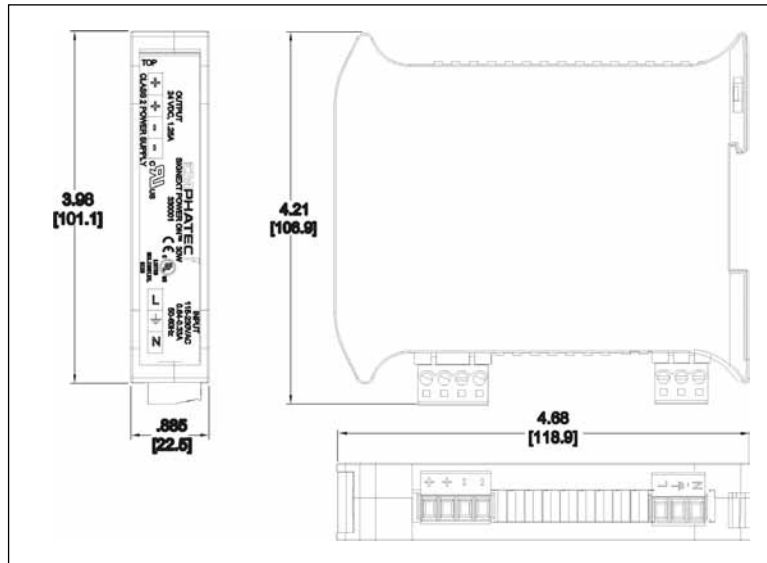


- Universal Input
- 24Vdc @ 1.25A output
- 22.5mm wide
- Plug and Socket Connectors



The DC Plus™ 30W Power Supply was designed specifically to reduce the amount of panel space required to install an AC/DC power supply. At just 22.5mm wide it is ideal for retrofits and for applications where a small control cabinet is used.

The input is 120/230Vac and the output is rated 24Vdc @ 1.25A. The high efficiency regulation circuit minimizes power dissipation and allows for the compact package. The output is adjustable from 23.5 - 28.5Vdc. All connections are via plug and socket connectors. Approvals include  to UL508A and CSA 22.2 No.14,  recognized to UL1310 and CSA 22.2 No. 223, and the .

Ordering information
Catalog Number: 330001



SPECIFICATIONS

		DC Plus™ 30W
Catalog Number		330001
Input Voltage	Minimum: Typical: Maximum:	85Vac 115Vac - 230Vac±10%, 50-60Hz 265Vac
Input current (avg.)	@115Vac @230Vac @125Vdc @250Vdc	530mA RMS 310mA RMS 300mA DC 150mA DC
	Inrush current:	37.5Apk max. (1 cycle)
	Input protection:	2A slow blow fuse (internal)
	Overvoltage (transient) protection:	MOV
	Output voltage:	24Vdc (adjustable from 23.5 to 28.5Vdc)
	Current max.:	1.25A @ 24Vdc, 1.07A @28Vdc
	Short current current:	6.8A peak for 40ms before power supply switches off
	Switching frequency:	100KHz PWM
	Efficiency @ max. load:	80%
	Maximum output ripple:	0.1% of Vout (0.024Vrms @ 24Vdc)
	Regulation load (10-100%):	0.3%
	Line:	0.3%
	Overload protection:	Overcurrent shutdown with auto restart
	Max. load capacitance:	10,000µF
Hold time	@115Vac @ 230Vac	10ms 55ms
	Temperature storage:	-40 to +85°C
	Operating:	-40 to +45°C @ 1.25A, de-rates linearly to 1A @ 55°C
	Humidity storage:	20-95% RH non-condensing
	Operating:	20-85% RH non-condensing
Galvanic isolation	Input to output:	3000V
	Input / output to rail:	4000V
	Input to ground:	1500V
	Output to ground:	500V
	Terminations pitch:	5.08mm
	Wire size:	22-12 AWG (0.5-2.5mm ²)
	Torque:	0.4-0.5Nm
Approvals:		 LISTED, (UL508, CSA C22.2 No. 14-95), E252394  LISTED (UL60950-1:2003, CSA C22.2 No.60950-1-03), E251523