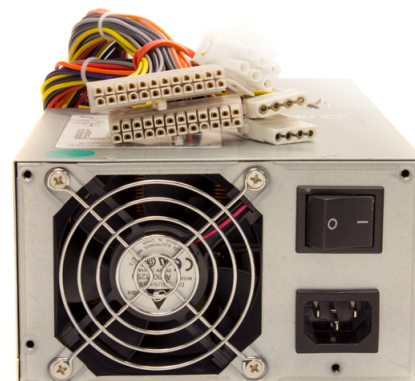


GX97028



REPLACEMENT PXI CHASSIS POWER SUPPLY

- Replacement PXI system power supply for GX70xx, GX73XX, GX760X, GX7800, and GX72X0 chassis
- Direct replacement for GX7000 / GX7300"C" version chassis and GX7100 chassis
- Supports +5, +3.3, +12 and -12 volt PXI voltages



DESCRIPTION

The GX97028 is a direct replacement power supply for the following PXI chassis models:

- GX7000C, GX7010C, GX7002C, GX7012C
- GX7100B, GX7110B, GX7102B, GX7112B
- GX7300C, GX7310C, GX7302C, GX7312C
- GX7200, GX7210, GX7202, GX7212
- GX7600, GX7610
- GX7800
- GX7016

The GX97028 supplies all of the PXI voltages for the chassis listed above. Additionally, this supply is used in the high power GX7005 / GX7015 PXI chassis and the GENASYS GX7016 / GX7017 chassis for supplying PXI voltages. Contact the factory if this supply is a replacement for these listed chassis. This supply will also replace the GX7300 and GX7000 supplies but requires a cable modification. Please contact the factory regarding your specific requirements.

The power supply includes a separate 12 volt output for powering chassis fans as well as a 5V standby output. Total output power for the four PXI voltages is 755W max. The supply has sufficient power to deliver more than the minimum required current per PXI slot for both PXI and PXI Express chassis configurations.

APPLICATIONS

- GX7000C, GX7010C, GX7002C, GX7012C
- GX7100B, GX7110B, GX7102B, GX7112B
- GX7300C, GX7310C, GX7302C, GX7312C
- GX7600, GX7610
- GX7200, GX7210
- GX7016
- GX7800

PXI supply for:

- GX7005, GX7015
- GX7017

Note: Does not replace VCC & VEE rail supplies.

GX97028



SPECIFICATIONS

PXI REPLACEMENT POWER SUPPLY SPECIFICATIONS	
Applicable Chassis Models	GX73x0C, GX731xC GX70x0C, GX701xC GX7016 GX71x0B, GX711xB GX760x GX7800 GX72x0, GX721x
Input AC Power	90 to 264 VAC, 12 A max (PFC) 47 to 63 Hz
DC current +5 V +3.3 V +12 V -12 V Note: Total power cannot exceed 755 W	60 A (max) 40 A (max) 35 A (max) 5 A (max)
Total Available DC Power	850 watts
DC Output Voltage Regulation	+12V, +5% / -3% +5V, +5% / -3% +3.3V, +5% / -3% -12V, +/- 5%
Max. Ripple (20 MHz meas BW) (10 uF // 0.1uF cap load)	+5V, 50 mVp-p +3.3V, 50 mVp-p +12V, 120 mVp-p -12V, 120 mVp-p
Max Ripple and Noise (10 uF // 0.1uF cap load) (10 Hz to 20 MHz BW meas)	+5V, 50 mVp-p +3.3V, 50 mVp-p +12V, 120 mVp-p -12V, 120 mVp-p
Weight	6 lbs
Dimensions	5.9" W x 5.6" L x 3.5" H
Cooling	Dedicated internal DC fan
ENVIRONMENTAL	
Operating Temperature	0 °C to +50 °C
Storage Temperature	-40 °C to +85 °C
Humidity	Operating: 10 % to 90%, non- condensing Non operating: 5% to 95%, non-condensing

COMPLIANCE

Safety	UL 60950-1 EN 60950-1 IEC 60950-1:2006
CE Compliance	EN 55022: 2006 Class B EN 61000-3-2: 20006 Class D EN 61000-3-3: 1995+A1: 2001+A2: 2005 EN 55024: 1998+A1: 2001+A2: 2003, including IEC 61000-4-2: Criterion A IEC 61000-4-3: Criterion A IEC 61000-4-4: Criterion A IEC 61000-4-5: Criterion A IEC 61000-4-6: Criterion A IEC 61000-4-11: Criterion A/B/B

Note: Specifications are subject to change without notice

ORDERING INFORMATION

GX97028	Replacement Power Supply for GX70xx, GX71x0B, GX73xxC, GX72x0, GX76x0 & GX7800 Chassis
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