

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

CM, P, PA Series



AC/DC

6 Watts

Single/Dual Outputs

- **High performance design**
- **Ultra-low noise**
- **Continuous short circuit protection**

Specifications

INPUT

Voltage and Frequency

Standard	105 to 125 Vac - 50 to 440 Hz
Suffix I	200 to 252 Vac - 50 to 60 Hz
Suffix N	90 to 110 Vac - 50 to 60 Hz
Suffix K	200 to 252 Vac - 50 to 60 Hz
Suffix K2	105 to 125/210 to 250 Vac

OUTPUT

Voltage Tolerance	± 1%
Ripple and Noise (PARD)	1mV RMS
Short Circuit Protection	Current Limiting
Temperature Coefficient	0.02% / °C

GENERAL

I/O Isolation	1500 Vac
Suffix I	2500 Vac

ENVIRONMENTAL

Operating Temperature	-25°C to +71°C No Derating
Storage Temperature	-25°C to +85°C
Cooling	Free-air Convection

All specifications are typical at nominal line and full load at 25°C unless otherwise noted and are subject to change without notice.

The CM, P and PA Series boast over a decade of reliable, field proven service and are the recognized industry standard for high performance AC/DC power supplies. The PA Series is equipped with industry standard 2.2” pin spacing while the P Series is 2.0”.

The CM Series are high performance chassis mount versions employing a top-mounted, five terminal barrier strip for power entry and exit. These units are ideal for systems that are best implemented with “hard wire” power cabling techniques. Features include MTBF’s of greater than 150,000 hours, lower case temperature rise (to 18°C cooler) and the high in-circuit performance. This higher efficiency results in lower ambient temperatures and greater system reliability. Dual output tracking is standard.

CM, P and PA Series Ordering Information

Output Voltage	Output Current	Regulation Line / Load	AC Pin Spacing Inches (mm)	Fig.	Model Number
5Vdc	500mA	0.05% / 0.05%	2.0 (51)	1-A	P11-050
5Vdc	500mA	0.05% / 0.05%	2.2 (56)	1-A	PA11-050
5Vdc	1000mA	0.05% / 0.1%	2.0(51)	1-B	P11-100
5Vdc	1000mA	0.05% / 0.1%	2.2 (56)	1-B	PA11-100
5Vdc	1000mA	0.05% / 0.1%	--	2-C	CM11-100
12Vdc	500mA	0.05% / 0.1%	2.0 (51)	1-B	P12-050
12Vdc	500mA	0.05% / 0.1%	--	2-C	CM12-050
±5Vdc	±500mA	0.05% / 0.05%	2.0 (51)	1-B	P21-100
±5Vdc	±500mA	0.05% / 0.05%	2.2(56)	1-B	PA21-100
±12Vdc	±100mA	0.1% / 0.05%	2.0 (51)	1-A	P22-020
±12Vdc	±100mA	0.1% / 0.05%	2.2 (56)	1-A	PA22-020
±12Vdc	±200mA	0.05% / 0.1%	2.0 (51)	1-B	P22-040
±12Vdc	±200mA	0.05% / 0.1%	2.2 (56)	1-B	PA22-040
±12Vdc	±200mA	0.05% / 0.1%	--	2-D	CM22-040
±12Vdc	±300mA	0.01% / 0.05%	2.0(51)	1-C	P22-060
±12Vdc	±300mA	0.01% / 0.05%	2.2 (56)	1-C	PA22-060
±12Vdc	±300mA	0.05% / 0.1%	--	2-C	CM22-060
±15Vdc	±100mA	0.01% / 0.05%	2.0 (51)	1-A	P23-020
±15Vdc	±100mA	0.01% / 0.05%	2.2 (56)	1-A	PA23-020
±15Vdc	±200mA	0.01% / 0.05%	2.0 (51)	1-B	P23-040
±15Vdc	±200mA	0.01% / 0.05%	2.2 (56)	1-B	PA23-040
±15Vdc	±200mA	0.05% / 0.1%	--	2-C	CM23-040
±15Vdc	±300mA	0.01% / 0.05%	2.0 (51)	1-C	P23-060
±15Vdc	±300mA	0.01% / 0.05%	2.2 (56)	1-C	PA23-060
±15Vdc	±300mA	0.05% / 0.1%	--	2-D	CM23-060

Dimensions and Connections

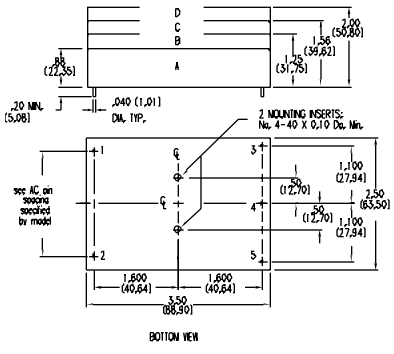


FIG. 1

PIN CONNECTIONS
Dual Outputs (Fig. 1)
2.0" and 2.2" AC Pin Spacing

1. VAC in high
2. VAC in neutral
3. -Output
4. Common
5. +Output

PIN CONNECTIONS
Single Output (Fig. 1)
2.0" AC Pin Spacing

1. VAC in high
2. VAC in neutral
3. Common
4. No connect
5. +Output

PIN CONNECTIONS
Single Output (Fig. 1)
2.2" AC Pin Spacing

1. VAC in high
2. VAC in neutral
3. No connect
4. Common
5. +Output

TERM CONNECTIONS
Single Output (Fig. 2)

1. VAC in high
2. VAC in neutral
3. +Outpput
4. No connect
5. Common

TERM CONNECTIONS
Dual Outputs (Fig. 2)

1. VAC in high
2. VAC in neutral
3. +Output
4. Common
5. -Output

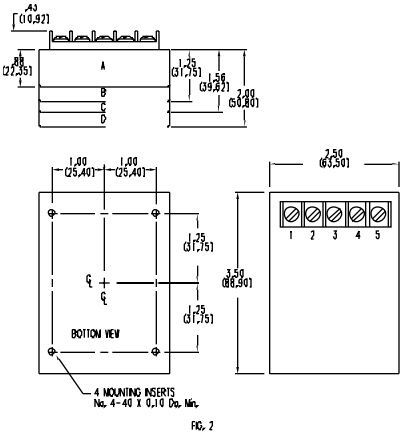


FIG. 2

NOTES:
1. Ripple measured with a 3.3 mf tantalum capacitor across each output.

11/01/2001

49 Range Road Windham, NH 03087 (603) 893-2330 FAX (603) 893-6280

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP