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.

Find the *Calex CM1.5.1000-115* at our website: *Click HERE*

Chassis Mountable Power Supplies



Features

- Unique "Clamp" Type Barrier Strip
- Four Molded-In Threaded Inserts
- Four Through Holes for Easy Mounting
- Covered Under Calex 5 Year Warranty

Description

The unique Calex "CM" design creates the most flexible and well-engineered power supply package on the market today. These chassis mountable supplies are ideal for use with dedicated microprocessor systems, instrument design and test equipment. The CM units can also be used as supplemental bench or laboratory power supplies.

The special "clamp" type barrier strip secures the wire without twisting. Note the protected, recessed, barrier strip facing the top of the case. This allows all connections to be made in tight quarters while protecting the barrier strip from physical damage.

Nothing else offers this combination of ruggedness, flexibility and convenience. All Calex chassis mount power supplies are guaranteed to provide at least 5 years of reliable service.

Model CM1.5.1000 has output voltage protection which operates between 5.8 and 6.85 Volts. Power must be removed to reset the overvoltage clamp.

Common Specifications

Input Voltages

100 ±10 VAC (add "-100" to model number)
115 ±10 VAC (add "-115" to model number)
220 ±20 VAC (add "-220" to model number)
230 ±20 VAC (add "-230" to model number)
240 ±20 VAC (add "-240" to model number)

Selection Chart

Output Voltage VDC	Output Current mA	Voltage Accuracy	Line & Load Regulation Maximum	Noise & Ripple mv RMS	Case Size	Unit Weight (oz.)	Model Number
Single Output							
5	1000	±1.0%	±0.10%	1	CM	17.5	CM1.5.1000
10	400	±1.0%	±0.10%	1	CM	17.5	CM1.10.400
12	500	±1.0%	±0.10%	1	CM	17.5	CM1.12.500
15	400	±1.0%	±0.10%	1	CM	17.5	CM1.15.400
24	240	±0.5%	±0.04%	1	CM	17.5	CM1.24.240
250	30	±3.0%	±2.0%	5	CM	17.5	CM1.250.30
Dual Output							
±12	±120	±0.5%	±0.04%	1	CM	17.5	CM2.12.120
±12	±240	±0.5%	±0.04%	1	CM	17.5	CM2.12.240
±15	±100	±0.5%	±0.04%	1	CM	17.5	CM2.15.100
±15	±200	±0.5%	±0.04%	1	CM	17.5	CM2.15.200
Triple Output							
±12 & 5	±100 600	±1.0%	±0.10%	2	CM	18.2	CM3.12.5
±15 & 5	±100 500	±1.0%	±0.10%	2	CM	18.2	CM3.15.5

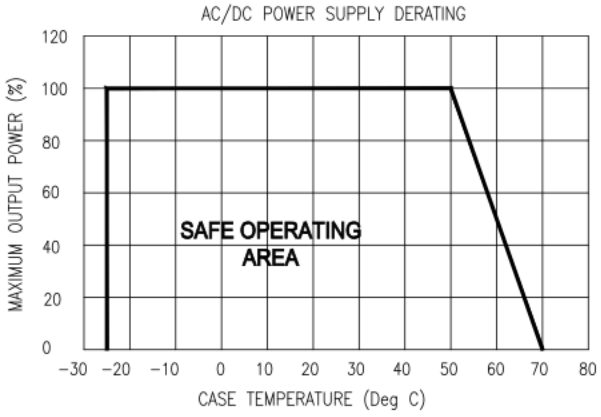
Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Specifications

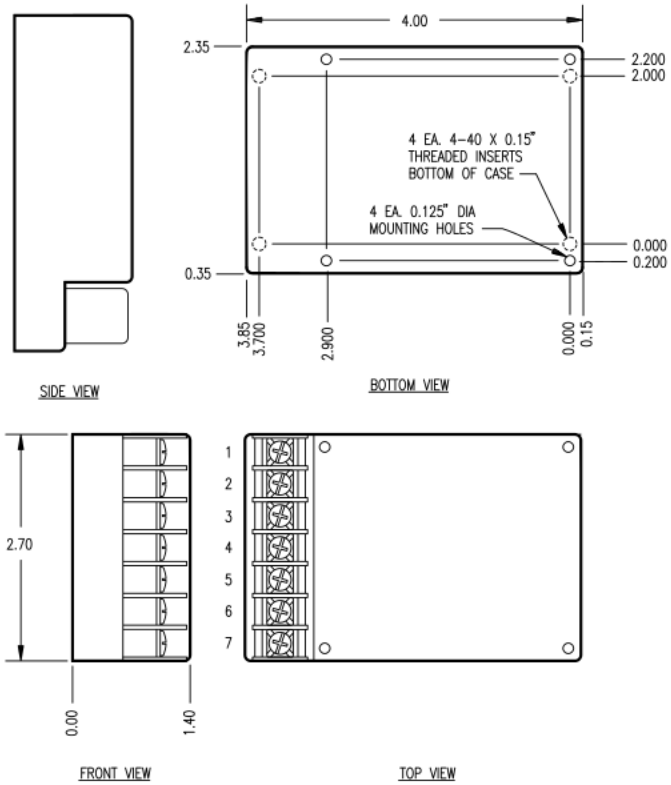
All Parameters measured at 25ºC, nominal input voltage and full rated load unless otherwise noted.

All Models			Unit
Input Frequency Range	TYP	50 to 60	Hz
Short Circuit Protection	TYP	Current Limiting (Will withstand momentary short to common)	
Isolation			
Isolation Resistance	MIN	50	megohm
Isolation Voltage *	MIN	1200 - 1500	VRMS
Input to Output Capacitance *	TYP	50 - 250	pF
Environmental			
Case Operating Range No Derating	MIN MAX	-25 +50	ºC
Storage Range	MIN MAX	-25 +85	ºC
Temperature Coefficient	TYP	±0.01	%/ºC
Case		CM	

* Contact CALEX for information on exact model, call (800) 542-3355 or (925) 687-4411.
Specifications subject to change without notice.



CM Case



Mechanical tolerances unless otherwise noted:
X.XX dimensions: ±0.020 inches
X.XXX dimensions: ±0.005 inches

Terminal Strip Assignments			
Screw Terminal	**Function**		
	Single	**Dual**	**Triple**
1	-	-	AC IN
2	AC IN	AC IN	AC IN
3	AC IN	AC IN	5V CMN
4	-	-OUT	+5V CMN
5	CMN	CMN	-OUT
6	+OUT	+OUT	CMN
7	-	-	+OUT

NOTE: CM Triple units' commons are isolated.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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