

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*

24 VDC Power Supply Unit CA-U2



Specifications

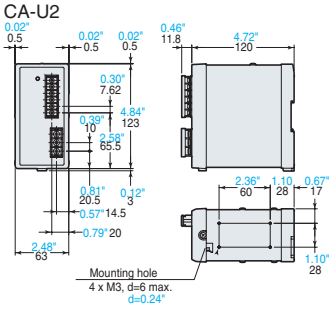
Model		CA-U2
Input conditions	Rated input voltage	100 to 240 VAC (±10%), 50/60 Hz
	Efficiency	78 to 80% (typical)
	Rated input current	1.2 A max.
	Power factor (100/200 VAC)	0.99/0.95 (typical) with maximum load applied
	Leakage current (100/200 VAC)	0.4/0.75 mA max.
	Rush current (100/200 VAC)	18/36 A max. (at 25°C cold start)
	Overvoltage category	II
Output conditions	Rated output voltage	24 VDC, Class2
	Rated output current	3.5 A (Total of 3 output terminals)
	Ripple/noise voltage	1% (p-p) max.
	Input fluctuation	0.4% max.
	Load fluctuation	0.7% max.
	Starting time (100/200 VAC)[1.]	1500/1000 ms max.
	Output holding time	20 ms min. (100 to 240 VAC)
Protection	Overvoltage[2.]	Constant current drops or output is cut off at 3.6 to 4.2 A or higher.
	Overvoltage[1.]	Provided
Ambient temperature		-10 to +55°C (14 to 131°F), No condensation. (Refer to derating characteristics)
Relative humidity		-20 to +70°C (-4 to 158°F), No condensation.
Pollution level		2
Withstand voltage		3.0 KVAC 50/60 Hz/1 min (Input-output) 2.0 KVAC 50/60 Hz/1 min (Input-GND)
		500 VDC/1 min (Output-GND)
Impact resistance		300 m/s^2, 2 times for each direction of 3 axes
Vibration resistance		10 to 55 Hz, Double amplitude of 1.5 mm max. 2 hours each in X, Y, and Z directions (9.8 m/s2 max. when mounted on a DIN-rail)
Insulating resistance		100 MΩ min. at 500 VDC (Input-output) (Input-GND) (Output-GND)
Safety standards		UL60950, UL508, CAN/CSA C-22.2 60950-00, EN60950, EN50178
Noise terminal voltage		FCC part 15B class A, EN55011 class A
Radiated interference field strength		FCC part 15B class A, EN55011 class A
Limits for harmonic current emissions		Conforms to EN61000-3-2.
Weight		Approx. 700 g

1. Specified with the rated input voltage (100 or 200 VAC) and 100% load applied.
2. Automatic recovery occurs after dropping. When output is interrupted, wait for 1 minute or longer after the input is turned off, and then turn on the input for recovery.
3. Output is cut off by an amplitude interrupting system. When output is interrupted, wait for 1 minute or longer after the input is turned off, and then turn on the input for recovery.

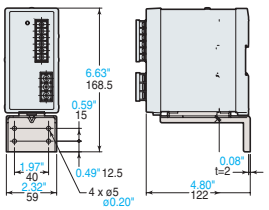
Dimensions

Unit: inch mm

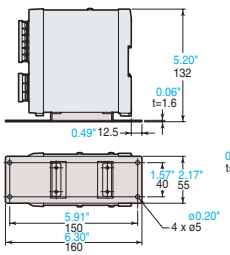
CA-U2



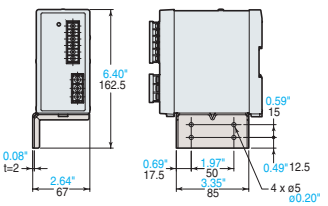
Front mounting (with OP-42174)



Bottom mounting (with OP-42175)



Side mounting (with OP-42176)



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