

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

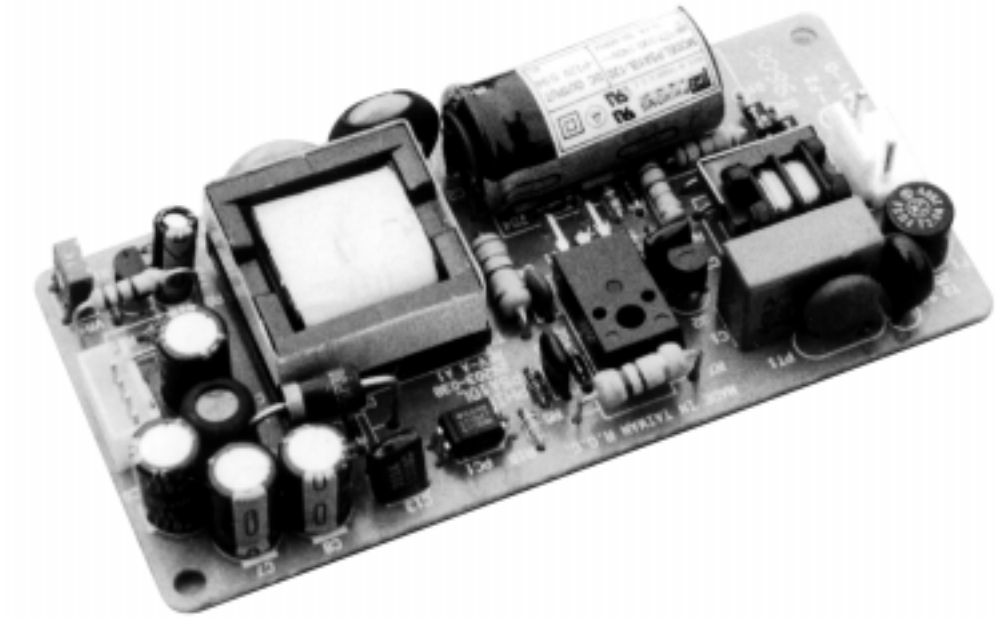
Expert team | Trust guarantee | 100% satisfaction

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10W Universal Low Profile Series

PSA-10L Series Open Frame Switchers



Features

- Cross to Japanese models
- CISPR 22B; FCC B EMI
- Extended Design Life
- ISO 9001 Quality System

Applications

- Networking
- Compact Equipment
- Peripherals and Terminals
- Microcomputers

Safety Approvals

- UL 1950
- CSA 22.2 234
- TUV IEC 950 EN60950

Mechanical Characteristics

Dimensions:
- Length: 105mm (4.1in)
- Width: 50mm (1.97in)
- Height: 21mm (0.8in)
- Weight: 0.75gm (0.17lb)

Output Specifications

Model	DC Output Voltage	Load		Ripple (1) P-P	Regulation	
		Min.	Max.		Line	Load
PSA-10L-050	5V	0A	2.0A	80mV	20mV	40mV
PSA-10L-120	12V	0A	0.9A	120mV	48mV	100mV
PSA-10L-150	15V	0A	0.7A	150mV	60mV	120mV
PSA-10L-240	24V	0A	0.5A	240mV	96mV	150mV

(1) Measured at 10W by using a 12 inch twisted pair terminated with a 10mfd capacitor and a 0.1mfd ceramic in pararell.

PI-ING

ISO 9001 · BABT · MITI
Facility Approvals

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PSA-10L Series Open Frame Switchers

Characteristics

Ac Input Voltage
85 to 264 VAC

AC Input Frequency
47 to 440Hz

AC Input Current
0.25Arms (120VAC)
0.16Arms (240VAC)

AC Inrush Current (Cold)
20A max. at 120VAC
40A max. at 240VAC

Leakage Current
Less than 500μa (240VAC)

Efficiency
75% @ 10W 120VAC, 60Hz

Hold-up Time
10msec., 10W load, 85VAC
20msec., 10W load, 100VAC

Switching Frequency
50KHz, typical

Overvoltage Protection
>115% (Zener Clamped)

Overcurrent Protection
>110%, Auto Restart

Operation Temperature (Convection)
-10 to 50˚C, derated to 75% at 60˚C

Storage Temperature
-25 to +75˚C
20 to 90% RH (Non-condensing)

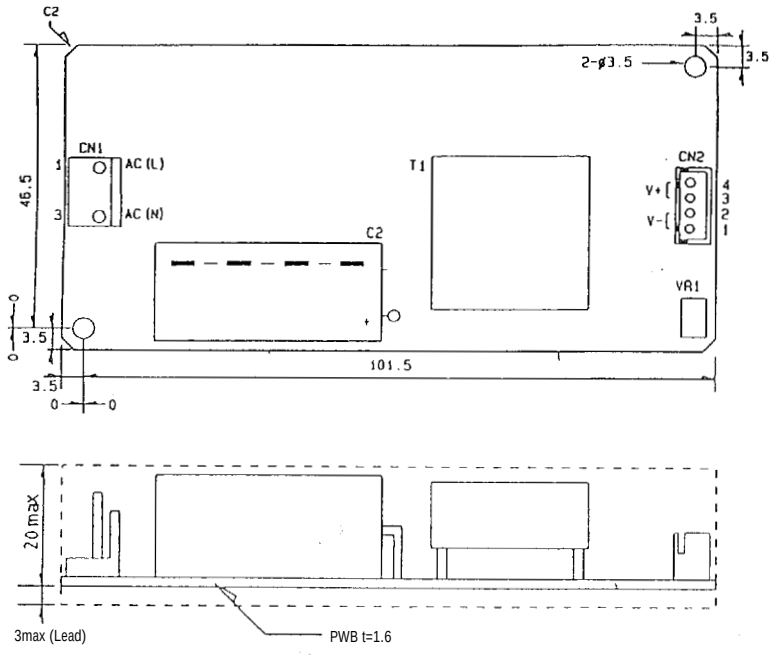
MTBF
200,000 Hrs. minimum
(Full load, high line, 25˚C)

EMI
FCC Class B
IEC EN55022B
VFG243

AC Input Connector
JST B3P-VH

DC Output Connector
JST B4B-XH-A

Dimension Diagram Unit: mm (inch)



PIN ASSIGNMENT:

CN1:

PIN No.	Input
1	AC (L)
2	
3	AC (N)

CN 2:

PIN No.	Output
1	-V
2	-V
3	+V
4	+V

10L/704

PHIHONG

ENTERPRISE CO., LTD.

16, Lane 530, Chung Cheng N. Rd.
Sanchung City, Taipei
Taiwan 24103, R.O.C.
Phone: 886-2-988-2126
886-2-980-5255
Fax: 886-2-981-7086
886-2-983-3222

PHIHONG USA
CORPORATION

U.S. Headquaters:
48607 Warm Springs Blvd.
Fremont, CA 94539
Phone: (510) 445-0100
Fax: (510) 445-1678
Email: usasales@phihongusa.com
Internet: http://www.phihongusa.com

Eastern Office:
3005 Brodhead Road
Bethlehem, PA 18017
Phone: (610) 866-9911
Fax: (610) 866-9920

Southwestern Office:
3325 Cochran St., Suite 200
Simi Valley, CA 93063
Phone: (805) 520-8177
Fax: (805) 520-3907

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

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

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

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