

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

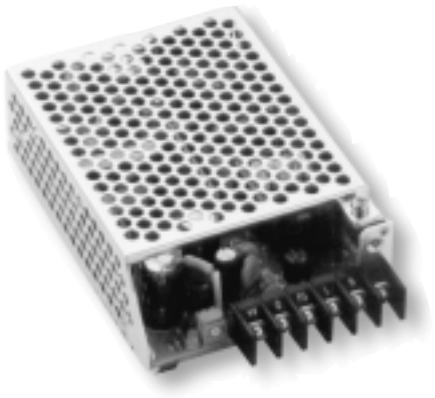
Expert team | Trust guarantee | 100% satisfaction

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Visit our website - *Click HERE*

SP15U

15 WATT , Universal Input
Fully Enclosed Switching Power Supply



FEATURES

- *UNIVERSAL INPUT (AC85-264V)*
- *BUILT-IN OVERVOLTAGE PROTECTION*
- *OVERCURRENT PROTECTION*
- *LIGHTWEIGHT CONSTRUCTION*
- *METAL CHASSIS WITH COVER*
- *COMPACT, LOW-PROFILE PACKAGES*
- *3 YEAR WARRANTY*

SAFETIES / EMI

CE TUV UL c UL

FCC-B
EN 55022-B
VCCI-II

ELECTRICAL SPECIFICATIONS

All specifications are typical at nominal input, full load.

INPUT SPECIFICATIONS

Input Voltage	AC 85-264V DC 110V-340V
Input Frequency	47 ~ 63 Hz
Input Current	0.17 ~ 0.36A
Inrush Current (100/230VAC cold start)	12 ~ 24A

OUTPUT SPECIFICATIONS

Output Voltage	See Chart	
Output Adjustment	± 10%	
Efficiency	70 ~ 79%	
Over-Voltage Protection	Zener Limiter	
Over-Current Protection	Automatic Recovery (105% min)	
Ripple and Noise	150 mVp-p max.	
Hold-Up Time	15-100 mS	
Line/Load Regulation	See Chart	
Rise Time	100 mS max.	
Leakage Current (100/230VAC)	Vin= 100V	0.5mA max.
	Vin= 230V	0.75mA max.

GENERAL SPECIFICATIONS

MTBF	211,000 Hours
Isolation Voltage	
Primary to Secondary	3000VAC
Primary to Case	1500VAC.
Secondary to Case	500VAC.
Isolation Resistance	100-Mohms min.

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0˚-60˚C Derates linearly 2.5%/˚C after 50˚C
Cooling	Convection
Temperature Coefficient	0.02% / ˚C
Humidity	20-85% Rh (non-condensing)
Storage Temperature	-20˚C -- 85˚C
Shock Vibration	Shock: 20G (3 directions each 3 times) Vibration: 10 ~ 55Hz

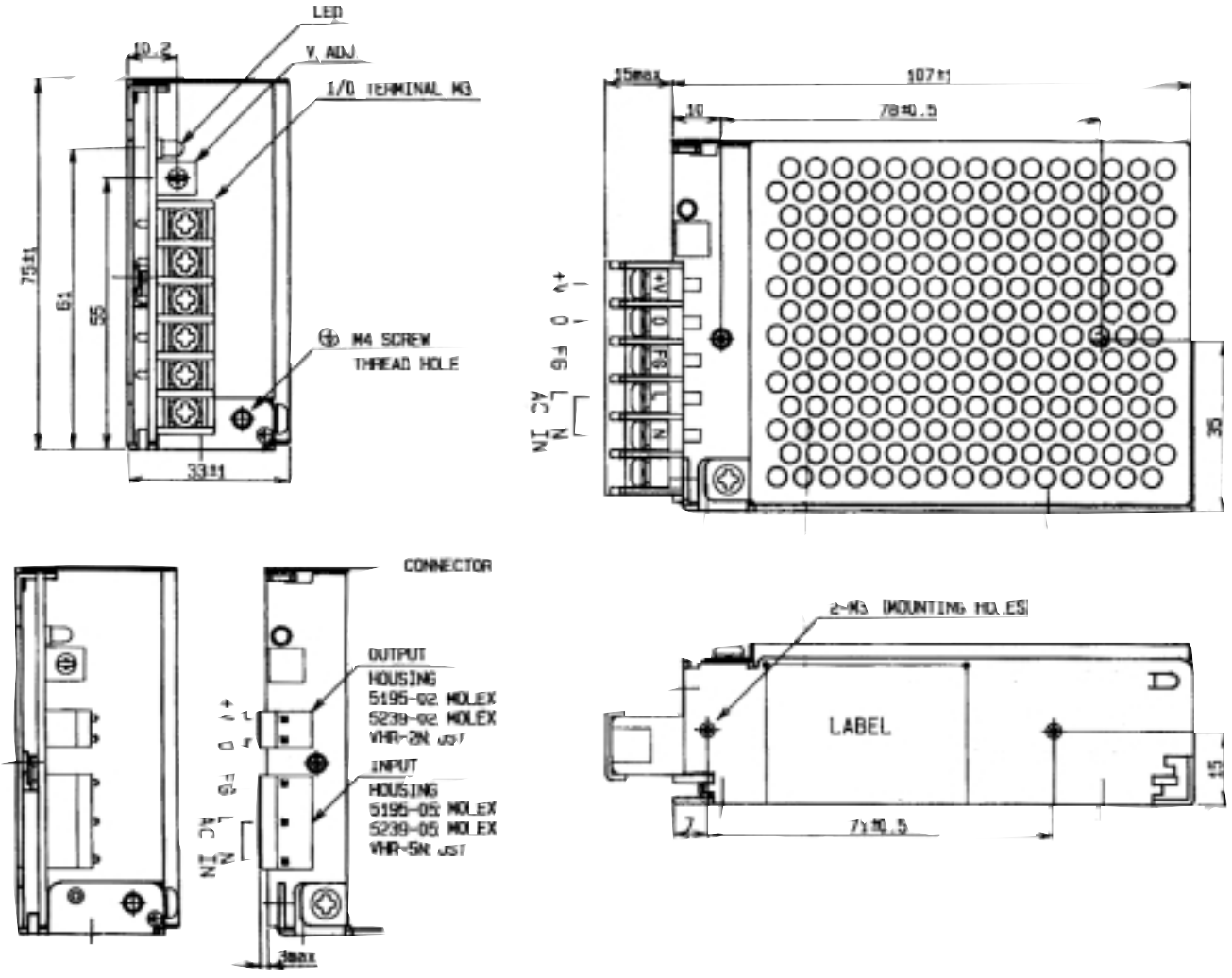
PHYSICAL SPECIFICATIONS

Metal Enclosed - Terminal Block

Series

MODEL	OUTPUT VOLTAGE	OUTPUT CURRENT @100V	OUTPUT CURRENT @230V	EFFICIENCY	LINE REGULATION	LOAD REGULATION
SP15U-03S	3.3 VDC	3.0 A	3.6 A	70%	20 mV max.	40 mV max.
SP15U-05S	5 VDC	3.0 A	3.6 A	73%	20 mV max.	50 mV max.
SP15U-12S	12 VDC	1.3 A	1.5 A	77%	30 mV max.	50 mV max.
SP15U-15S	15 VDC	1.0 A	1.2 A	77%	30 mV max.	50 mV max.
SP15U-24S	24 VDC	0.7 A	0.8 A	78%	30 mV max.	50 mV max.
SP15U-48S	48 VDC	0.35 A	0.4 A	79%	30 mV max.	50 mV max.

SP15U



NOTE:
All specifications typical and nominal / full load and 25˚C unless otherwise noted.
Mounting screw lenght should not exceed 0.31 inches or 8 mm.
Avoid sustained operation in overload or dead short conditions.
Specifications subject to changes without notice.

- No. 6-32 mounting holes standard
- Dimensions in mm
- Terminal block or “pin” type connector available

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.

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