

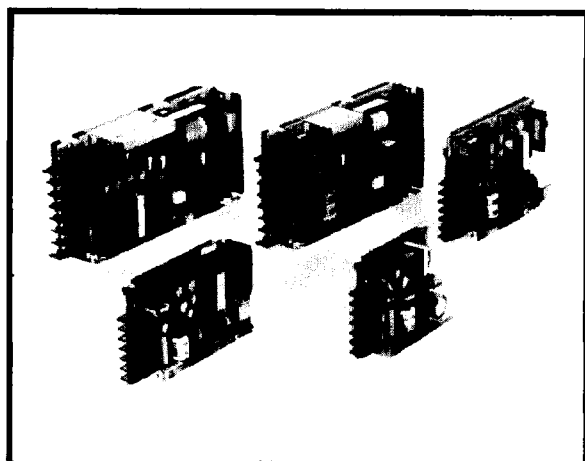


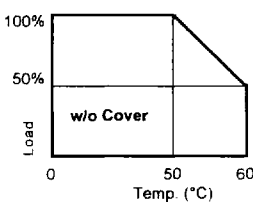
Switching Power Supply

SXU SERIES

Features:

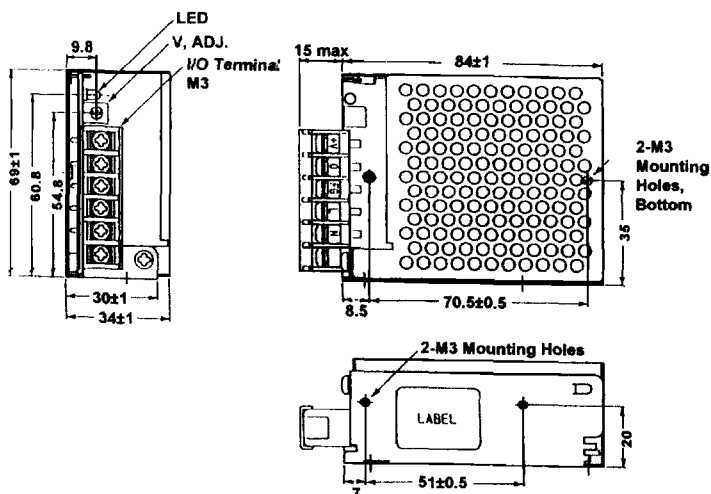
- 15W, 30W & 50W Single Output Models
- AC Input for U.S. & Canada (AC85-132V)
- Safety Approvals: UL1950, CSA22.2 No. 234
- EMI: FCC Class "B", CISPR-B, VCCI-2
- High Reliability
- Built-In Overvoltage/Overcurrent Protection
- Low Cost, High Performance
- Metal Chassis with Cover
- Compact, Low-Profile Packages
- Two Year Warranty



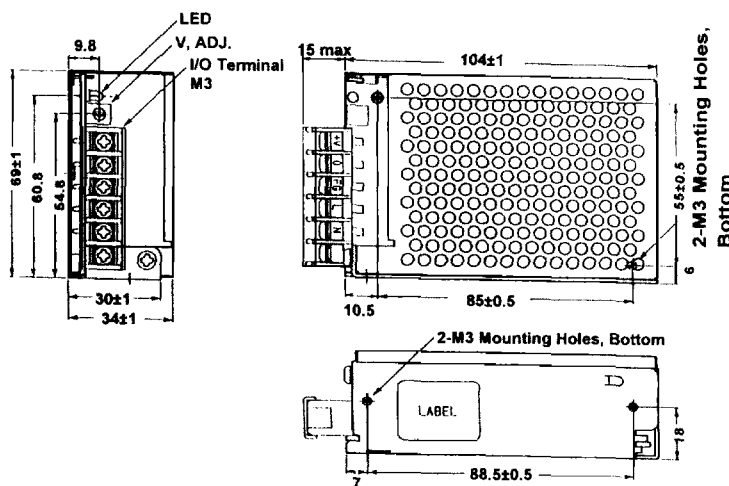
SPECIFICATIONS	SXU-15	SXU-30	SXU-50
INPUT VOLTAGE	100/120 VAC (AC85-132V) (DC110-170V)		
INPUT FREQUENCY	50/60 Hz (47 ~ 63 Hz)		
INPUT CURRENT	0.3 A (typ)	0.7 A (typ)	1.1 A (typ)
INRUSH CURRENT (@ 100 VAC cold start)	10 A (typ)	20 A (typ)	28 A (typ)
OUTPUT ADJUST RANGE	±10%		
OVER VOLTAGE PROTECTION	Zener Limiter		Output Shutdown
OVER CURRENT PROTECTION	Over 105% (Automatic Recovery)		
TEMPERATURE COEFFICIENT	0.02% / °C		
DRIFT	0.5% +15 mV max. / 8 hr. (after 1 hour)		
RISE TIME	100 mS max. (at 25°C nominal input/output)		
HOLD-UP TIME	20 mS (typ)		
OPERATING TEMPERATURE Consult manufacturer for specific configurations.			
STORAGE TEMPERATURE	-20 - 85 °C		
HUMIDITY	20 - 85% RH (Non Condensing)		
DIELECTRIC WITHSTANDING VOLTAGE	Primary - Secondary: AC2000V / 1 min. Primary - Case: AC2000V / 1 min. Secondary - Case: AC500V / 1 min.		
LEAKAGE CURRENT	0.5 mA max.		
ISOLATION RESISTANCE	INPUT - OUTPUT - CASE 100 M-ohms min.		
EMI	FCC-B, CISPR-B, VCCI-2 (Load Ratio Over 30%)		
SAFETY	UL1950 and CSA22.2 No. 234		
SHOCK TEST PROCEDURES	0.5mm width, 10 - 55 Hz / 1 min. cycle, 3 directions each 30 minutes 20G (3 directions each 3 times)		
WARRANTY	1 YEAR		

SXU SERIES	OUTPUT VOLTAGE	OUTPUT CURRENT	EFFICIENCY (TYP)	LINE REGULATION	LOAD REGULATION	RIPPLE NOISE
SX15U-05S	5 VDC	3.0 A	73%	20 mV	40 mV	100 mVp-p
SX15U-12S	12 VDC	1.3 A	76%	40 mV	60 mV	150 mVp-p
SX15U-15S	15 VDC	1.0 A	76%	40 mV	60 mV	150 mVp-p
SX15U-24S	24 VDC	0.7 A	78%	60 mV	150 mV	200 mVp-p
SX30U-05S	5 VDC	6.0 A	72%	20 mV	40 mV	150 mVp-p
SX30U-12S	12 VDC	2.6 A	76%	30 mV	60 mV	150 mVp-p
SX30U-15S	15 VDC	2.1 A	77%	30 mV	60 mV	150 mVp-p
SX30U-24S	24 VDC	1.4 A	79%	30 mV	60 mV	150 mVp-p
SX50U-05S	5 VDC	9.5 A	72%	25 mV	60 mV	100 mVp-p
SX50U-12S	12 VDC	4.2 A	78%	40 mV	120 mV	150 mVp-p
SX50U-15S	15 VDC	3.4 A	78%	40 mV	120 mV	150 mVp-p
SX50U-24S	24 VDC	2.2 A	80%	60 mV	160 mV	200 mVp-p

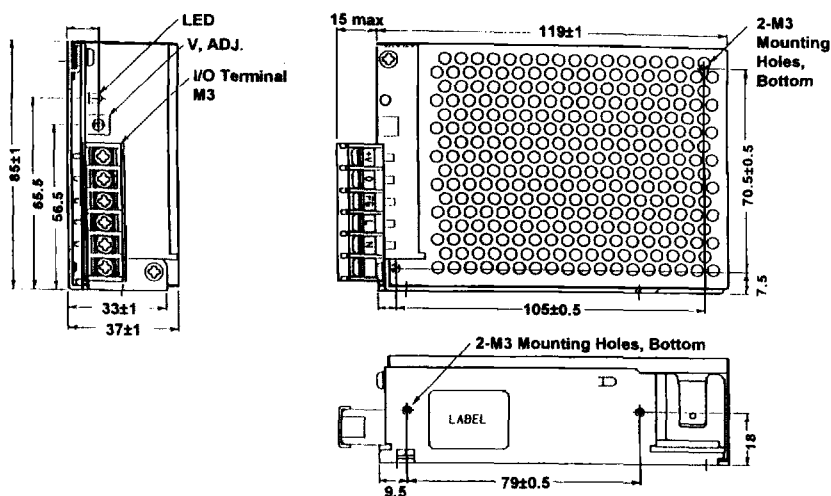
• SX15U



• SX30U



• SX50U



Note:

All specifications typical at nominal input, full load and 25°C unless otherwise noted.
 Mounting screw length should not exceed 0.31 inches or 8 mm.
 Avoid sustained operation in overload or dead short conditions.

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

Specifications subject to change without notice.



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