



KLT15F Series

15 WATT, Universal Input Open Frame Switching Power Supply

ELECTRICAL SPECIFICATIONS

All specifications are typical at nominal input, full load



INPUT SPECIFICATIONS

Input Voltage.....	85 ~ 264VAC
Input Frequency.....	47 ~ 63Hz
Input Current.....	0.2A Typ.
Inrush Current.....	10A

OUTPUT SPECIFICATIONS

Output Voltage	See Chart
Efficiency.....	70% Typ.
Over-Voltage Protection.....	CH1 only. Zener Limiter
Over-Current Protection.....	Automatic Recovery
Ripple and Noise.....	See Chart
Hold-Up Time.....	20 mS
Load Regulation.....	CH1 – 100mV CH2, CH3 – 120mV
Rise Time.....	100mS
Leakage Current	100V – 0.5mA rms 230V – 0.75mA rms
Drift (8H, after 1H).....	0.5% +15 mV

GENERAL SPECIFICATIONS

Isolation Voltage	
Primary to Secondary.....	3000VAC
Primary to Case.....	1500VAC
Secondary to Case.....	500VAC
Isolation Resistance.....	100 M-Ohms min.

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0°C ~ +60°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

SAFETIES/APPROVALS

UL60950
CSA C22.2 No. 60950(cUL)
CE EN60950 3rd Edition (LVD)

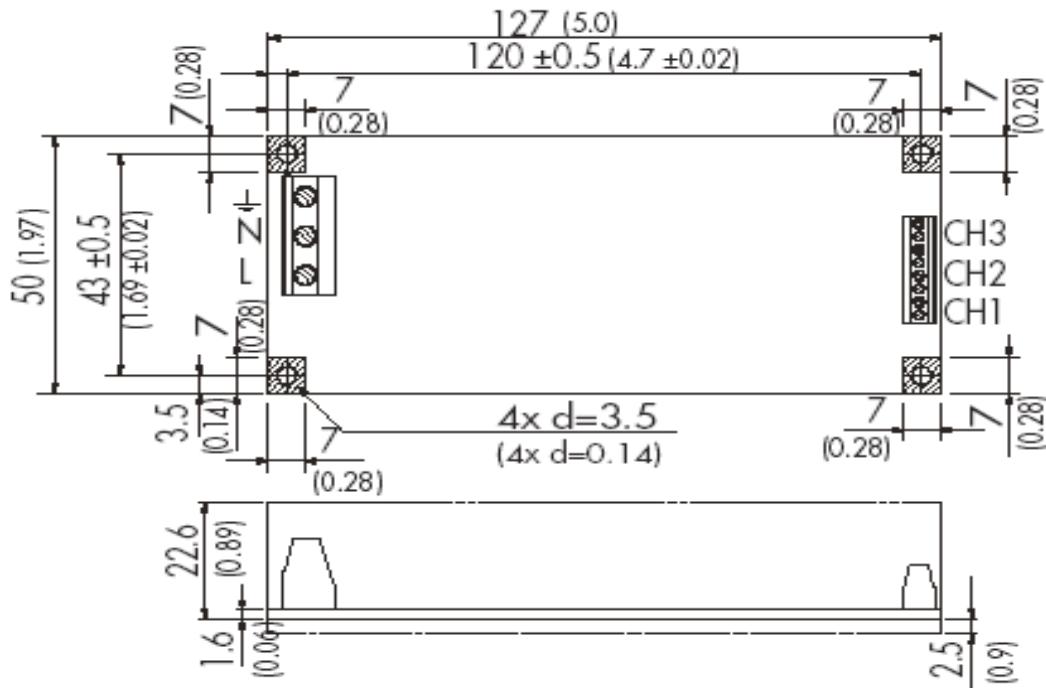
PHYSICAL SPECIFICATIONS

Open Frame

MODEL	OUTPUT 1		OUTPUT 2		OUTPUT 3		Ripple & Noise (mVp-p)
KLT15F-0522	+5V	2.0A	+12V	0.5A	-12V	0.5A	150mVp-p
KLT15F-0533	+5V	2.0A	+15V	0.45A	-15V	0.45A	150mVp-p

MAX POWER NOT TO EXCEED 15WATTS

KLT15F



Note:

- **Phoenix connector shown. JST and Molex connectors available.**
- Measurements in millimeter (mm) unless otherwise specified
- Tolerance $\pm 1\text{mm}$

NOTE:

All specifications typical and nominal / full load and 25°C unless otherwise noted.

Avoid sustained operation in overload or dead short conditions.

Specifications subject to changes without notice.