



KLT15F Series

15 WATT, Universal Input Open Frame Switching Power Supply



FEATURES

- ✔ **TRIPLE OUTPUTS**
- ✔ **LOW COST**
- ✔ **OPEN FRAME**
- ✔ **UNIVERSAL INPUT**
- ✔ **OVERVOLTAGE PROTECTION**
- ✔ **OVERCURRENT PROTECTION**
- ✔ **COMPACT, LOW-PROFILE PACKAGES**
- ✔ **3 YEAR WARRANTY**
- ✔ **OPTIONAL CHASSIS AND COVER**

SAFETIES/APPROVALS

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

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 VoltageSee 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** - 0.5mArms
230V - 0.75mArms
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 Temperature0°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

PHYSICAL SPECIFICATIONS

Open Frame

