

Switch Mode Power Supplies Encapsulated Constant Current

TLD1040-24-C1050

Description:

The TLD1040-24-C1050 is a compact and lightweight Constant Current Switch Mode Power Supply. Waterproof design within a 2x4 J box, IP66, NEMA 4 suitable for dry and damp locations. Convection cooled plastic housing. Designed for outdoor and indoor applications. Some typical applications include LED's, Lighting, etc.

Specifications (@25C)

Electrical Specifications:

Input Voltage: Input Frequency Range (1): Max Input Current: Max Inrush Current: **Power Factor:** Output: Crest Factor (lpk): Leakage Current: Efficiency: **Current Accuracy:** Load Regulation: Hold up time: Protection:

90-264Vac 47-63Hz 0.5A @ 115Vac; 0.25A @ 230Vac <5A@115Vac, 10A@230Vac >0.9 at full load, 115Vac 1.050Adc±5%, 12-24Vdc 1.5 Max. 300µA Typical 84% Typical at full load ±1% (when applicable) ±3% Half cycle minimum at 120 VAC and 80% of rated voltage Over-voltage, Over current and Short circuit protection: Auto-recovery

Environmental Specifications:

Operating Temperature: -30 to 60°C (De-rating: 1%/°C from 60-70°C) Storage Temperature: -40 to 85°C **Operating Humidity:** 5 to 95% RH (non-Condensing) Convection cooling 5 to 50Hz >100,000 Hours at full load and 25°C ambient conditions Compliant to 47CFR, Part 2, Part 15 and Cispr PUB, 22 Class B

General Specifications:

Cooling: Vibration:

MTBF:

EMC:

Connections: Dimensions (WxLxH): Weight: Warranty:

5in leads - Input: 18 AWG; Output: 18 AWG 70.0x95.0x320mm 220g 3 years @ 40°C, 100% Load

Safety Standards: Standards:

UL (cUL) 1310, UL48 CF



RoHS Compliance: This power supply meets the requirements 2002/95/EC, know as the RoHS initiative.

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