



Switch Mode Power Supplies Encapsulated Constant Current

TLD1040-36-C0700

Description:

The TLD1040-36-C0700 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 (@25°C)

Electrical Specifications:

Input Voltage:	90-264Vac
Input Frequency Range (1):	47-63Hz
Max Input Current:	0.5A @ 115Vac; 0.25A @ 230Vac
Max Inrush Current:	<5A@115Vac, 10A@230Vac
Power Factor:	>0.9 at full load, 115Vac
Output:	.700Adc±5%, 18-36Vdc
Crest Factor (Ipk):	1.5 Max.
Leakage Current:	300µA Typical
Efficiency:	84% Typical at full load
Maximum power:	40W
Current Accuracy:	±1% (when applicable)
Load Regulation:	±3%
Hold up time:	Half cycle minimum at 120 VAC and 80% of rated voltage
Protection:	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)
Cooling:	Convection cooling
Vibration:	5 to 50Hz
MTBF:	>100,000 Hours at full load and 25°C ambient conditions
EMC:	Compliant to 47CFR, Part 2, Part 15 and Cisp PUB, 22 Class B

General Specifications:

Connections:	5in leads - Input: 18 AWG; Output: 18 AWG
Dimensions (WxLxH):	70.0x95.0x32.0mm
Weight:	220g
Warranty:	3 years @ 40°C, 100% Load

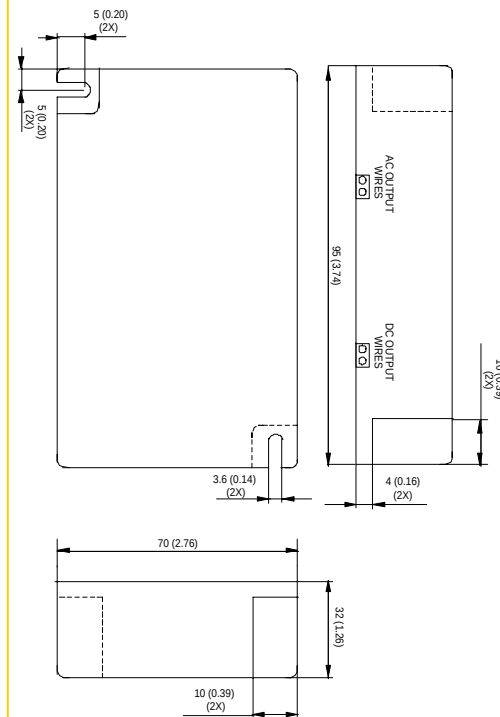
Safety Standards:

Standards:	UL (cUL) 1310, UL48 CE
------------	---------------------------



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

* Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics' website for the most current version.



Web: www.TriadMagnetics.com
Phone 951-277-0757
Fax 951-277-2757

22520B Temescal Canyon Road
Corona, California 92883

Release Date: April 4, 2006
Revision: A