

Switch Mode Power Supplies Encapsulated Constant Current

TLM4036DC-1000

Description:

The TLM4036DC-1000 is a compact and lightweight Constant Current Switch Mode Power Supply. Waterproof design - IP66, NEMA 4 suitable for dry and damp locations. Convection cooled plastic housing. Some typical applications include LED's, Lighting, etc.

Specifications (@25C)

Electrical Specifications:

Input Voltage: See Table

Power Factor: >0.9 at full load, 115Vac

Output*: 1.00Adc±5%, Vout range: See Table

Efficiency: 90% Typical at full load

Maximum power: 26W
Output Current Regulation: ±5%

Protection: Short circuit protection: Auto-recovery

*Subject to Max power limitations

Environmental Specifications:

Operating Temperature: -40 to 60°C (De-rating: 1%/°C from 60-70°C)

Storage Temperature: -40 to 80°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

General Specifications:

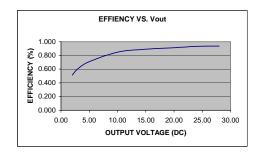
Connections: 4in leads - Input: 18 AWG; Output: 18 AWG

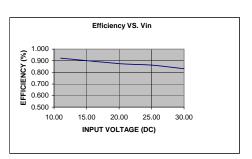
Dimensions (WxLxH): 32.0x31.0x15.0mm

Weight: 25

Warranty: 3 years @ 40°C, 100% Load

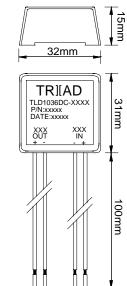
Performance Graphs:





RoHS Compliance: As of manufacturing date February 2005, all standard products meet the requirements of 2011/65/EU, known as the RoHS initiative.

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| Vin (DC) | Vout (DC) | IDC (A) | Max Watts |
|----------|-----------|---------|-----------|
| 30 | 2-26 | 1.0 | 26.0 |
| 28 | 2-24 | 1.0 | 24.0 |
| 24 | 2-20 | 1.0 | 22.0 |
| 15 | 2-12 | 1.0 | 13.0 |
| 12 | 2-10 | 1.0 | 10.0 |
| 10 | 2-8 | 1.0 | 9.0 |

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