



Bourns Releases Model SM13117EL PoE Flyback Transformer

Riverside, California – November 20, 2019 – Bourns is introducing the new [Model SM13117EL Flyback Power Transformer](#) to support IEEE 802.3 af compliant, integrated Power-over-Ethernet (PoE) Powered Device (PD) and Pulse Width Modulation (PWM) controller applications, providing DC/DC power conversion in isolated mode.

The SM13117EL PoE Flyback Transformer features 13 watt output power, 36 – 72 VDC / 250 kHz input, 12 VDC / 1.08 amp output, 1.5k Vrms withstanding voltage and a -40 to +125 °C operating temperature range. The electrical insulation of the transformer complies with the UL 1446 Class B (130 °C) Insulation System. The transformer bobbin carries the UL 94 V-0 flammability rating.

The applications of this PoE Flyback Transformer include VoIP phones, WLAN access points, network cameras and PoE powered devices.

The SM13117EL PoE Flyback Transformer is suitable for use with integrated PoE PD interface and PWM controllers made by several major IC manufacturers.

Features

- 13 W PoE
- 1.5k Vrms isolation voltage
- Supports IEEE 802.3 af compliant, Integrated PoE PD and PWM controllers
- UL 94V-0 rated bobbin
- UL 1446 Class B insulation System
- RoHS Compliant*

Applications

- VoIP phones
- WLAN access points
- Network cameras
- PoE powered devices

Please visit Bourns' website at www.bourns.com for additional product details. If you have any questions, please contact [Bourns Customer Service/Inside Sales](#).

*RoHS Directive 2015/863, Mar 31, 2015 and Annex.