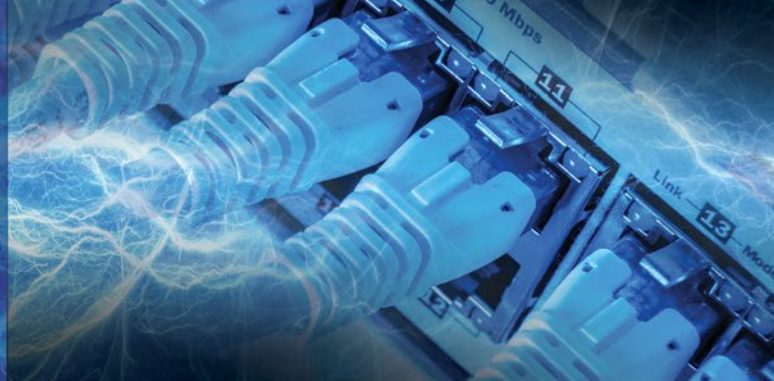
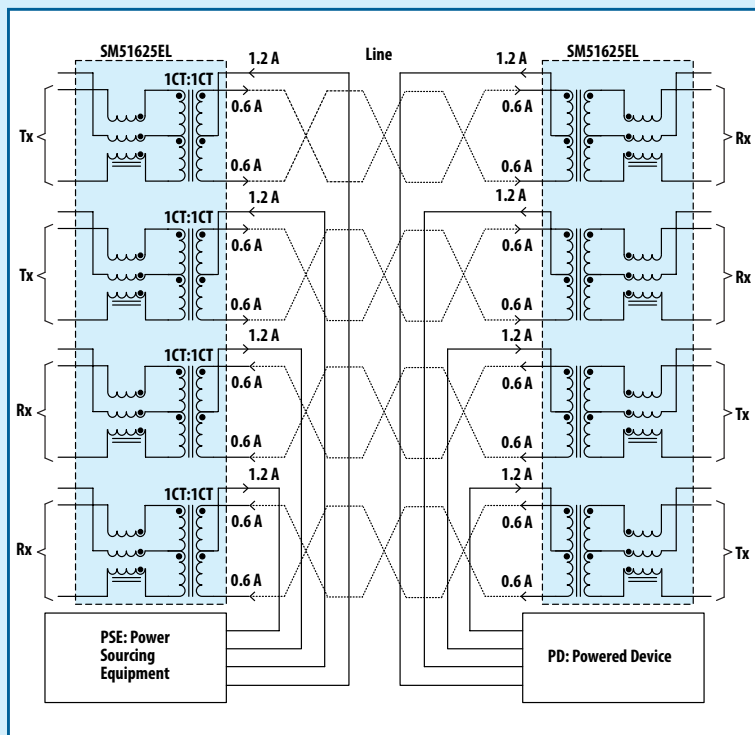


BOURNS® TEL-NOTES

Power over Ethernet (PoE) Solutions



EXPOSED POWER OVER ETHERNET (PoE) Circuit Conditioning



**The Bourns® model SM51625EL transformer is built to meet IEEE 802.3 specification, by fitting in the specified limits defined in the Clause 40.8.3 for Medium Dependent Interface (MDI) of the IEEE 802.3-2012, thus helps ensure an application's compliance to IEEE 802.3-2012.*

The schematic shown here illustrates the conditioning of the application and does not constitute the complete circuit design. Customers should verify actual device performance in their specific applications.

Product



SM51625EL

Design Kit



TEL-NOTEKIT-2

Objective

Introduction of a high current PoE transformer, enabling higher power applications for outdoor PoE applications

Solution

High current transformer:

- SM51625EL

Compliance*

IEEE802.3

Features & Benefits

This solution enables high power delivery over Ethernet cables without impacting signal integrity

BOURNS®

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