

# **VDSL**

## **VDSL Over POTS**

## **Solution Products**



TBU-PL085-200-WH



TBU-CA085-500-WH



2020-42T-C4LF





PN-DESIGNKIT-19

## **Objective**

VDSL circuits are sometimes combined with Plain Old Telephone Service (POTS) circuits. This solution protects those communication ports against surge and power contact threats.

#### Solution

- 1 TBU\* High-Speed Protector: TBU-PL085-200-WH
- 1 TBU\* High-Speed Protector: TBU-CA085-500-WH
- 1 GDT: 2020-42T-C4LF
- 2 Telecom Fuses: B1250T

## **Compliance**

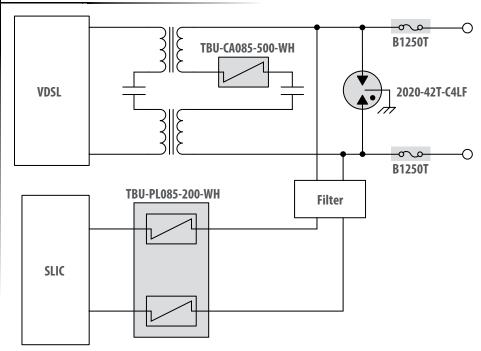
GR-1089-CORE

#### **Alternate Recommendations**

Variations of this circuit are available depending on specific design constraints; contact your local Bourns technical representative for more information.

#### Benefit

This solution provides protection to the voice and data circuits without impairing the VDSL 30 MHz signal.



The schematic above illustrates the application protection and does not constitute the complete circuit design. Customers should verify actual device performance in their specific applications.

**BOURNS**®

**Americas:** *Tel* +1-951 781-5500 *Fax* +1-951 781-5700

**Asia-Pacific:** *Tel* +886-2 256 241 17 *Fax* +886-2 256 241 16

For more information, go to:

www.bourns.com

or email: protection@bourns.cor

**Europe:** Tel +41-(0)41 768 55 55 Fax +41-(0)41 768 55 10

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