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.