

Solution Products



TISP4G024L1W



2026-42-C2LF



SM51430EL

Objective

G.Fast provides fast data transmission over a twisted pair of copper wire. This solution protects CO and DPU side ports against surge and power contact.

Solution

- 1 Thyristor Surge Protector (TISP):
TISP4G024L1W
- 1 Gas Discharge Tube (GDT) Surge Arrestor:
2026-42-C2LF
- 1 Transformer:
SM51430EL

Compliance*

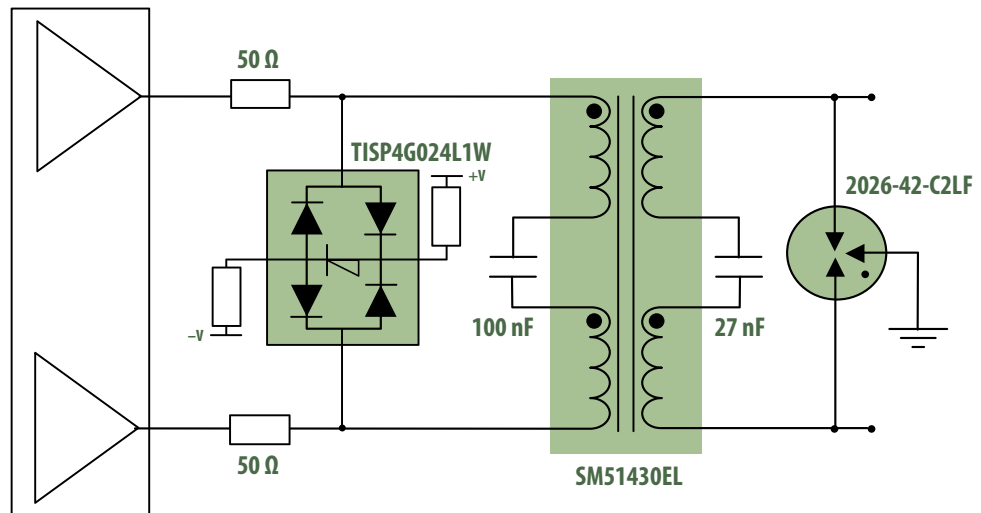
ITU-T K.20 and K.45 Enhanced

Alternate Recommendations

Various G.Fast protection solutions are available depending on specific design constraints; contact your local Bourns technical representative for more information.

Benefit

This solution provides protection on the driver side without impairing the G.Fast signal.



*The Bourns® model TISP4G024L1W Thyristor Surge Protector and model 2026-42-C2LF Gas Discharge Tube and model SM51430EL in conjunction help to ensure an application's compliance to ITU-T K.20 and K.45 Enhanced. These components can withstand 10/700 μs surges as described in ITU-T K.20 Basic and K.45 Enhanced recommendation.

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.

Request Sample

To order samples, click on the "Request Sample" button.

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Bourns® PortNote® solutions provide protection recommendations for typical port threats.

For more information, go to:

www.bourns.com

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