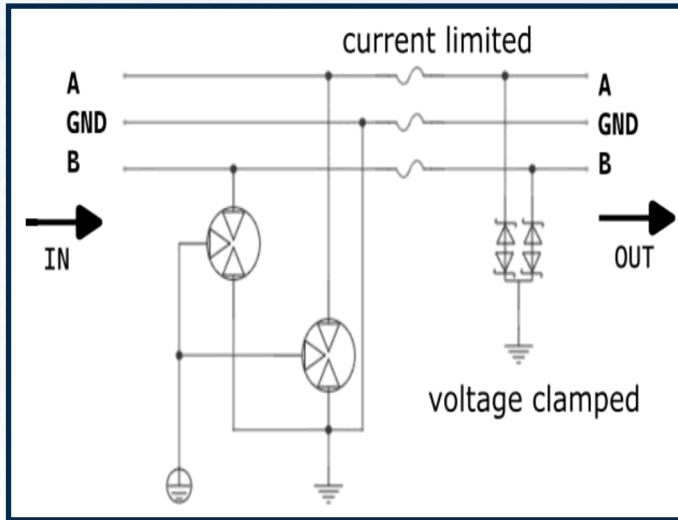


## RS-485 SURGE PROTECTOR



**P/N: CLA-4244-S000**

### MECHANICAL SPECIFICATIONS:

Dimension: 75mm x 25mm x 25mm  
Support DIN-Rail mounting with optional din rail clip.  
3-pin terminal blocks (wire gauge: 16-26AWG).  
Cable for earth ground connection, 25cm.

### ENVIRONMENTAL SPECIFICATIONS:

Operating temperature range: -40/+85 °C  
Humidity: 5~95% RH

### ELECTRICAL SPECIFICATIONS:

No power source required .  
DC Spark-over voltage: 150V  
Data Rates Up to 10Mbps.

### SURGE PROTECTION:

3-stage surge protection (Gas Discharge Tubes, Protection Resistors, and Transient Voltage Suppressors).  
TVS Parameters: ESD, IEC 61000-4-2,  $\pm 30\text{kV}$  contact,  $\pm 30\text{kV}$  air. EFT, IEC 61000-4-4, 50A (5/50ns).  
Lightning, IEC 61000-4-5 2nd edition, 19A ( $t_P=8/20\mu\text{s}$ ).

### Options & information:

To ensure proper surge protection, it is recommended to use protectors at both ends of the transmission line and to properly ground them.