

▶ RS-485 Surge Protector

Features

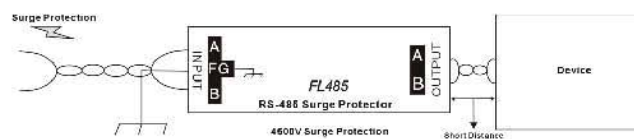
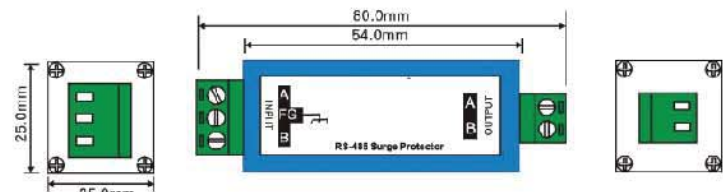
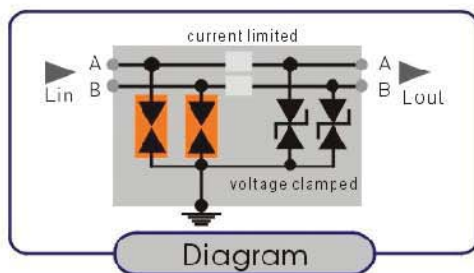
1. Three stages of protection on every data line
2. Protected signal ground connection
3. Easy to install, plug-and-play
4. 4500V surge protection

Introduction

IEC61000-4-5 and ITU-TK20&K21 are the recognized standards for top quality surge protectors. It has high response speed, low output residual voltage, ascendance transfer performance. All have #10 ground screws which must be connected to a solid ground.

Circuit Diagrams

Designed by the theory of current limited and voltage clamped, discharged to ground. When the data line exists a surge, it is induced and worked, the lightning energy is discharged to ground, and the high surge voltage is clamped to a low level, so our



Specification

Standard: Accord EIA RS-485 standard
 RS485 signal: IEC6100-4-5 and ITU-TK20&21
 Working voltage: 0-5V
 Limit voltage: <15V
 Maximum Surge Protection Voltage: 4,500V or 4.5KV
 Apply Band rate: 1Mbps
 Isolate signal: TXD, RXD, GND
 Connector: Standard industrial terminal block
 Insert consumption: <0.5dB
 Delay time: ≤1ns (Surge Protection attack time)

Environment

Working temperature: -40 to 85°C
 Storage temperature: -25 to 85°C
 Humidity: Relative humidity 5% to 95%
 Standard Compliance: FCC, CE, RoHS

Power

Input powered: No power supply needed
 Consumption: No consumption

Dimension

L×W×H: 80mm×25mm×22mm
 Shell: Alnico
 Color: Blue
 Weight: 10g
 Approvals: FCC, CE, RoHS approvals

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L×W×H: 80mm×25mm×22mm
 Shell: Alnico
 Color: Blue
 Weight: 10g
 Warranty: 5 years
 Approvals: FCC, CE, RoHS approvals

Order part Number

BC-5053 RS-485 Surge Protector