FL485

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

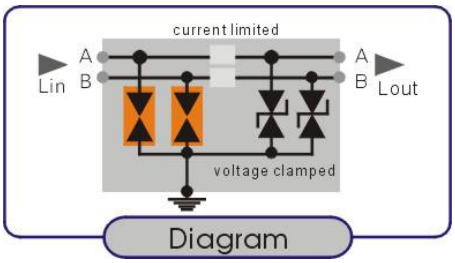


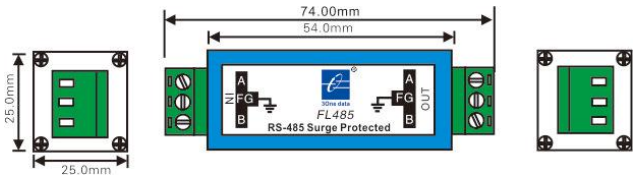
Introduction

IEC61000-4-5 and ITU-TK20&K21 are the recognized standards for top quality surge protectors, FL485 have high respond speed, low output rudimental voltage, ascendance transfer performance. All have #10 ground screws which must be connected to a solid ground.

Circuit diagram

FL485 is designed by the theory of current limited and voltage clamped, discharged to ground. When the data line exist surge, the FL485 is induced and worked ,the lightning energy is discharged to ground, and the high surge voltage is clamped to low level, so our devices is protected.





Dimension

Specification

Standard: Accord EIA RS-485 standard

RS485 signal: IEC6100-4-5 and ITU-TK20&21

Working voltage: 0-5V

Limit voltage: <15V

Apply Band rate: 1Mbps

Isolate signal: TXD, RXD, GND

Connector: Standard industrial terminal block

Insert consumption: <0.5dB

Delay time: <1ns

Environment

Working temperature:-20 to 60

Storage temperature:-25 to 85

Humidity: Relative humidity 5% to 95%

Power

Input powered: No power supply needed

Consumption: No consumption

Dimension

L×W×H: 74mm×25mm×25mm

Shell: Alnico

Color: Blue

Weight:10g

Warranty: 5 years

Approvals: FCC,CE, RoHS approvals

Packing List

1. RS-485 Surge Protector FL485 × 1
2. User manual × 1

