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

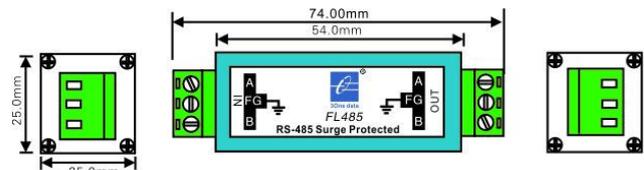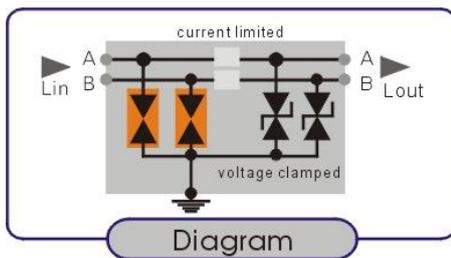4. 4500V surge protection

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	Humidity: Relative humidity 5% to 95%
RS485 signal: IEC6100-4-5 and ITU-TK20&21	**Power**
Working voltage: 0-5V	Input powered: No power supply needed
Limit voltage: <15V	Consumption: No consumption
Apply Band rate: 1Mbps	**Dimension**
Isolate signal: TXD, RXD, GND	L×W×H: 74mm×25mm×25mm
Connector: Standard industrial terminal block	Shell: Alnico
Insert consumption: <0.5dB	Color: Blue
Delay time: <1ns	Weight:10g
Environment	**Warranty: 5 years**
Working temperature:-20 to 60	**Approvals: FCC,CE, RoHS approvals**
Storage temperature:-25 to 85	

Packing List

1. RS-485 Surge Protector FL485 × 1

2. User manual × 1