



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

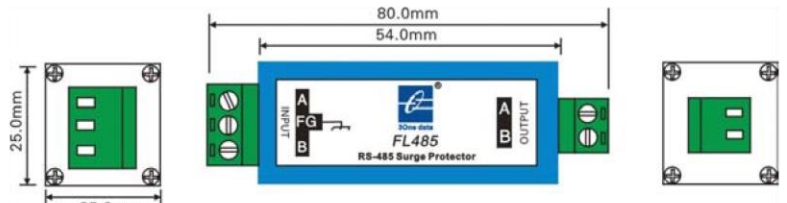
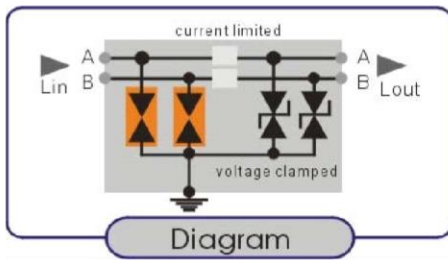
IEC61000-4-5 and ITU-TK20&K21 are the recognized standards for top quality surge protectors, FL485 have high respond speed, low

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

Humidity: Relative humidity 5% to 95%

Power

Input powered: No power supply needed
 Consumption: No consumption

Dimension

L×W×H: 80mm×25mm×22mm
 Shell: Alnico
 Color: Blue
 Weight:10g

Environment

Working temperature:-20 to 60
 Storage temperature:-25 to 85

Warranty: 5 years

Approvals: FCC,CE, RoHS approvals

Packing List

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

