

IT-FL485-SP

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

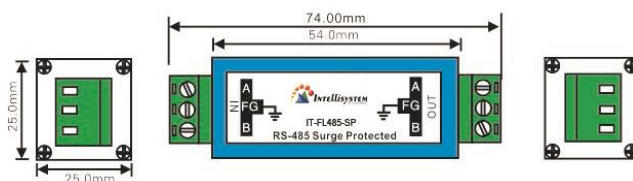
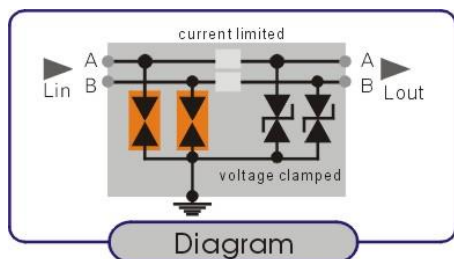
IEC61000-4-5 and ITU-TK20&K21 are the recognized standards for top quality surge protectors, IT-FL485-SP have high respond speed,

low output rudimental voltage, ascendance transfer performance. All have #10 ground screws which must be connected to a solid ground.

Circuit diagram

IT-FL485-SP is designed by the theory of current limited and voltage clamped, discharged to ground. When the data line exist surge, the IT-FL485-SP 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, and 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 IT-FL485-SP ×1

2. User manual ×1

