THE PROCESSLINE SERIES

RS485 Protection 5V DIN 1M

Features

- DIN rail mountable
- Easy installation
- Low insertion loss
- High surge capability
- Failsafe protection

A protection device for high speed RS485 data lines. Speeds in excess of 5Mbits/s may be utilised with low clamping voltage. Ideal for access control and CCTV - PTZ applications.
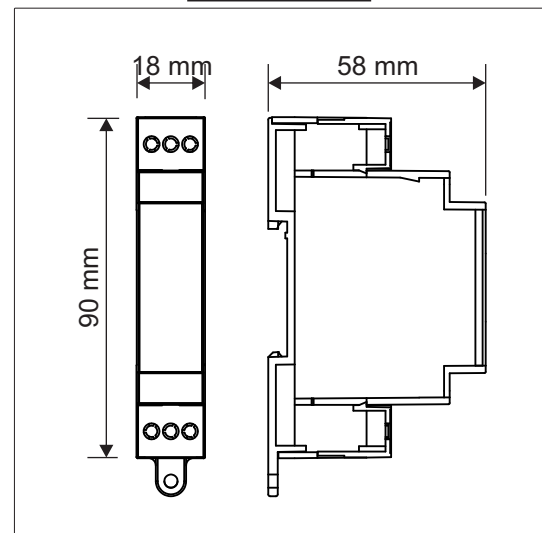
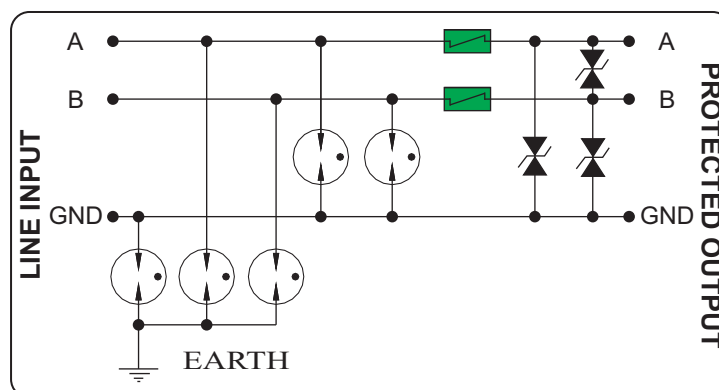*Specifications subject to change without prior notice due to continuous improvements

Specifications	
Dataline Surge Protection	
Max. Operation Voltage	5Vdc
Max. Operating Current	300mA
Max. Discharge Current (Differential Mode)	20A (8/20us)
Max. Discharge Current (Common Mode)	2kA (8/20us)
Residual Voltage	<20V (1.2/50us)
Series Resistance	7.6Ω
Technology Supported	RS485
Data Speed Supported (<10m)	32Mbits/s
Data Speed Supported (<1000m)	100kbits/s
Connectors	Screw Terminals

Other	
Indication	N/A
Temperature Range	-20°C to +70°C
Standard Compliance	IEC 61000-4-5
Lead Length	N/A
Dimensions (LxWxH)	90x18x58mm
Weight	0.2kg

Dimensions

18 mm   58 mm   90 mm

Circuit Diagram

A   B   GND   LINE INPUT   EARTH   A   B   GND   PROTECTED OUTPUT

CLEARLINE
THE ELECTRONIC PROTECTION COMPANY