THE DATALINE SERIES

Dual RS485 Protection

12-00029 rev1



Features

- Easy installation
- Low insertion loss
- Failsafe protection
- Pluggable screw terminals

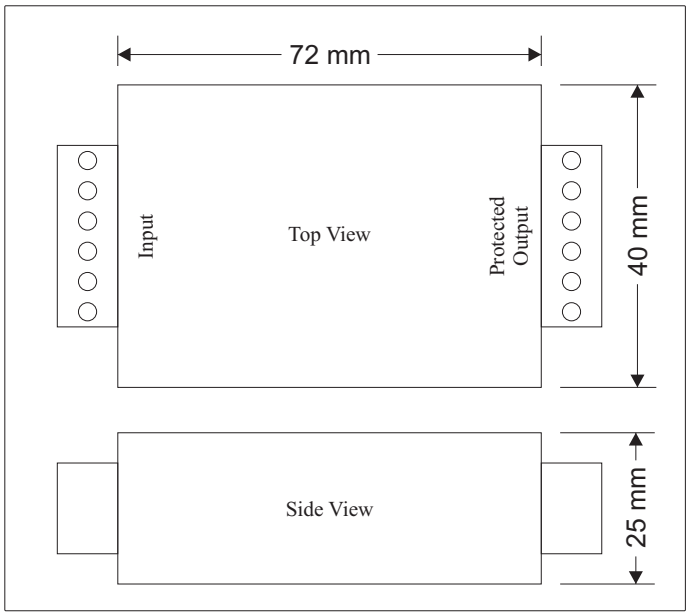
A protection device for high speed RS485 data lines. Speeds in excess of 5Mbits/s may be utilised with low clamping voltage. Ideal for access control and CCTV - PTZ applications.

Specifications	
Dataline Surge Protection	
No. of Ports	2
Max. Operation Voltage	3.3Vdc
Max. Operating Current	300mA
Max. Discharge Current (Differential Mode)	20A (8/20us)
Max. Discharge Current (Common Mode)	2kA (8/20us)
Residual Voltage	<7V (1.2/50us)
Series Resistance	7.6Ω
Technology Supported	RS485
Data Speed Supported (<10m)	32Mbits/s
Data Speed Supported (<1000m)	100kbits/s
Connectors	6Way Pluggable Screw Terminals

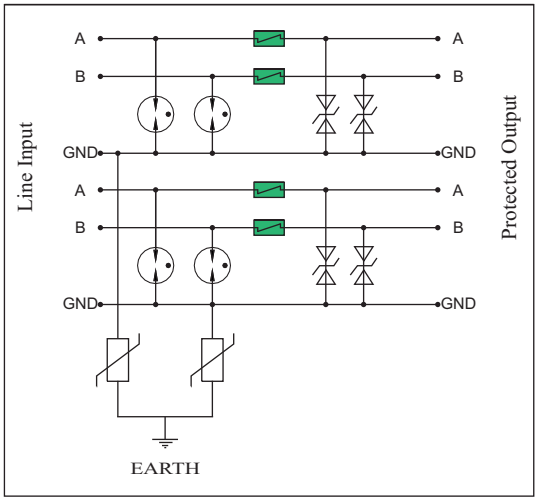
Other	
Indication	N/A
Temperature Range	-20C to +70C
Standard Compliance	IEC 61000-4-5
Lead Length	N/A
Dimensions	72x40x25mm
Weight	0.2kg

*Specifications subject to change without prior notice due to continuous improvements

Dimensions



Circuit Diagram



Designed and Manufactured by:

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