

LF 4/12

Data Line Surge Protector

LPS



The Surge Protective Device for Data and Communication Line is proudly made in Malaysia and engineered with state-of-the-art Australian technology. It is the result of exhaustive research and development in the world's most lightning prone regions, providing un surpassed performance in lightning protection. Low Frequency Protector with screw terminal makes it ideal for 12V or 24V signal of instrumentation interfaces and equipment such as intercom, lift controller, fire alarm, weighbridge, etc. The LF series SPD protects sensitive data networks against lightning induced surges without impairing the system normal operation or cause excessive in-line resistance. IT is designed with high surge capacity to suit lightning prone regions and when connecting equipment are located more than 30 meters away, in adjacent buildings or outdoors.

The LF series employs multistage protection with GDT for primary protection then linked by second stage series impedance and MOV to provide unsurpassed performance in lightning surge protection.

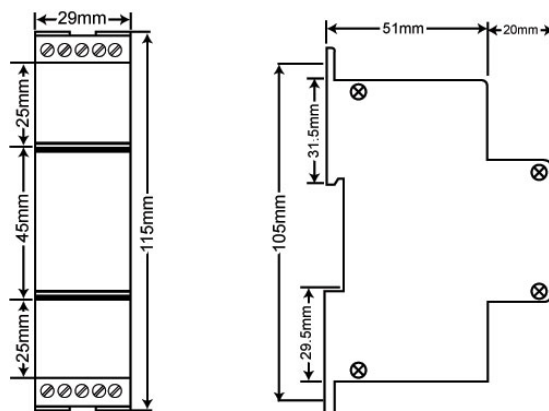
Technical Data

Technical Specification	Description
Nominal Operating Signal Voltage	± 12V
Max. Operating Signal Voltage	± 18V
Standard Clamp Voltage @1mA	22V
Left-through Voltage (Line-Ground)@IEEE C 62.36 - 1994 (CCITT) / ITU-k.20 Enhanced 6kV, 150A, 10/700µs	30V
Max. Surge Current per wire @ 8/20 µs	10kA
-3db Band width @ 600 ohm circuit	DC to 40kHz
Insertion Loss @600	<0.5db
Response time	<5ns
Max. Signal Current	350mA
Connector Interface	Pluggable Screw Terminal
Mounting Interface	Din Railing / Panel Mount
Operation & Storage Temperature	-40 to + 70°C

Ordering Info

Protected Wires	Model Number
4 wires	LF-4/12
6 wires	LF-6/12
8 wires	LF-8/12
20 wires	LF-20/12

Dimension



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