

# PSP Series

## 12 DC power 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 to suit the Malaysian environment which is the world's most lightning prone regions.

Power protector for power supply with screw terminal makes it ideal for 12V power supply of instrumentation interfaces and equipment such as intercom, lift controller, fire alarm, weighbridge, etc. The PP Series SPD protects sensitive data networks against lightning induced surges without impairing the system normal operation or cause excessive in-line resistance.

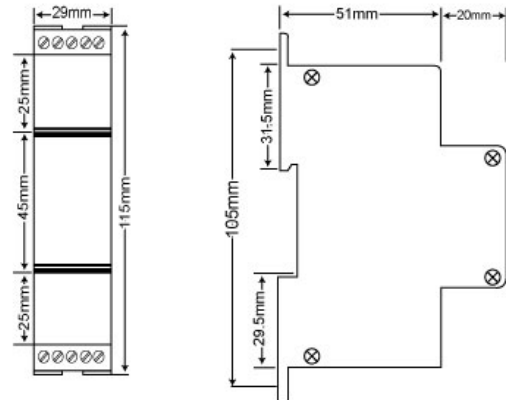
It is designed with high surge capacity to suit lightning prone regions and when connecting equipment are located more than 30 meters away, in adjacent buildings or outdoors.

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

### Data Protection Specification

Technical Specification	PP-2/12
Number of wire to be protected	2
Nominal Operating Voltage	± 12V
Max. Operating Voltage	± 18VDC
Standard Clamp Voltage @ 1mA	22V
Left-through Voltage (Line-Line)@ ITU-k.20 Enhanced 6kV, 150A, 10/700µs	30V
Max. Surge Current 8/20 µs	22kA / 11kA
Max Loading Current	5A
Earth	Floating Earth
Response Time	< 5ns
Connector Interface	Screw Terminal
Mounting Interface	DIN-Rail / Panel Mount
Operation & Storage Temperature	-40°C to +70°C

### Dimension



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