

PSP12

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 PSP Series SPD protects sensitive data networks against lightning induced surges without impairing the system normal operation or cause excessive in-line resistance.

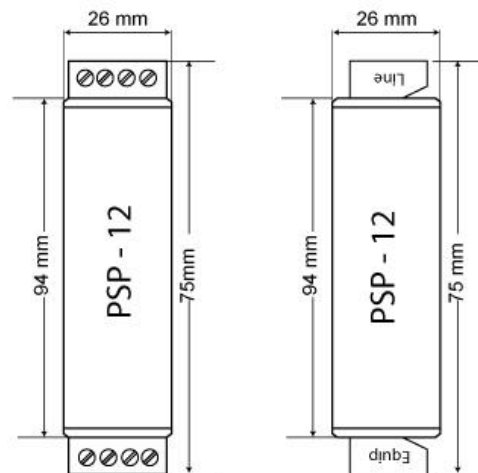
It is designed with high surge capacity to suit lightning prone regions and when connecting equipment are located more than 30 meters away, in adjacent buildings or outdoors.

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

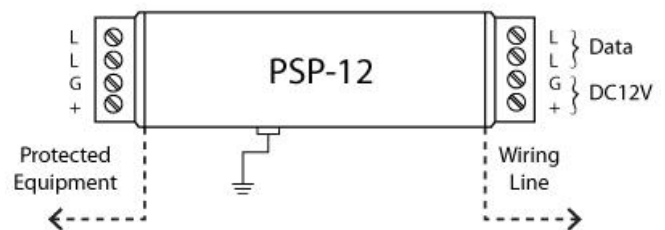
Data Protection Specification

| Technical Specification | PSP12 |
|--|----------------|
| 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 | 12kA |
| Max Loading Current | 5A |
| Earth | Floating Earth |
| Connector Interface | Screw Terminal |
| Operation & Storage Temperature | -40°C to +70°C |

Dimension



Connection Diagram



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