

Surge Protection Products



COMPONENTS

PCB Assembly: Enclosure less surge panel



25kA

Available in:
10kA, I_{max} 25kA
20kA, I_{max} 25kA



50kA & 75kA

Available in:
20kA, I_{max} 50kA
20kA, I_{max} 75kA

These core products fully reflect our expertise and ingenuity in SPD. They have a significant advantage in abnormal over-voltage & high fault current safety to ensure industry's highest level of safety and performance. They are extensively adopted by global customers as the most crucial components for various SPD, especially type 1 and type 2 surge panels.

Features

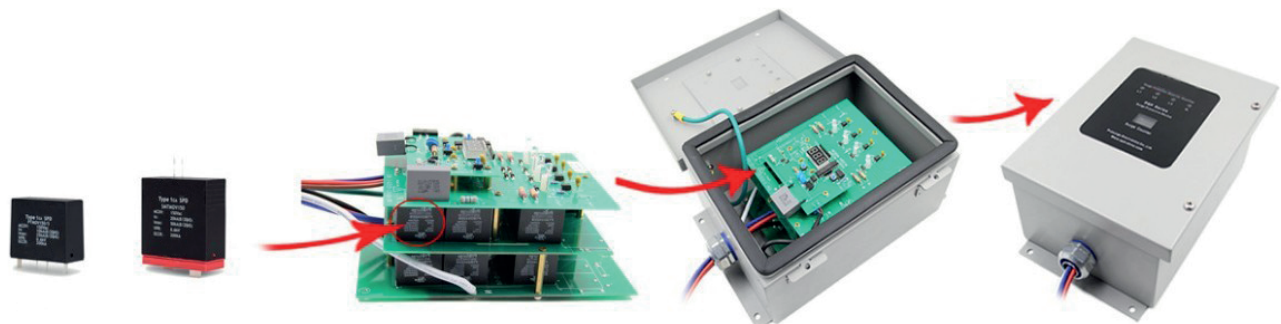
- UL recognized Type 1CA (Component Assembly) SPD (ANSI/UL 1449 4th), Type 2 CA SPD (CSA-C22.2)
- Global patented thermal disconnecter design with arc extinguishing device, fail-safe & self-protected, quick thermal response and perfect circuit cutoff function
- Visual fault indication and optional remote signal contact (50mA, 12Vdc)
- Wide operating temperature: -40°C~85°C
- Type 1CA design & compact size, can be used individually or in combination for OEM customer
- Meet both standards for ANSI/UL 1449 4th and IEC 61643-11: 2011

Applications

- Built-in surge protection of electronic equipment
- Surge protection devices
- AC/DC distribution
- Computer and data technology
- Power supply
- Telecommunication
- Measurement and control system

From Enclosure-less Panel SPD – Great Option for SPD Manufacturers

Besides offering as a component to manufacturers, a semi-completed surge protection device is available. We have completed the circuit design and assembly of the electronic components of a panel type SPD and have this assembly UL listed. In this case, we handle the complicated and time-consuming jobs in manufacturing a panel type surge protection device so that customers can manufacture their UL listed panel type SPD at minimum cost and time.



Surge Protection Products



UL[®] US CE RoHS

Panel Surge Protection Devices



25-300kA UL 1449 4th Type 1/2 Listed Panel Surge Protection Device (Panel SPD)

Panel surge protection devices are defined as one-stop high performance surge protection solution for most commercial and industrial environment with critical operations, including Type 1 and Type 2 surge protection devices that protect against the harmful effects of transient surges.

These surges are the result of:

- Direct and indirect lightning strikes
- Power company load switching
- Upstream load switch at other facilities

900kA Max UL 1449 Type 1/2 Listed Panel Surge Protection Device (Panel SPD)



Panel type surge protection devices are ultra-large surge capacity design for mission critical application with very high exposure to lightning.

They are UL 1449 4th Type 1 / Type 2 tested for point-of-entry (Category C, D, E, IEEE C62.41) and sub-circuit (Category B) protection. With surge capacity up to 900kA, this panel type surge protection device (Panel SPD) can meet most critical surge protection challenges worldwide and ensure maintenance-free for its lifetime.

By employing a thermally protected and arc extinguishing technology component, it has a significant advantage in abnormal over-voltage & high fault current safety and thus ensure industry's highest level of safety and performance. The parallel redundancy module design makes the surge panel extremely robust and reliable.

Surge Protection Products



c   RoHS

DIN Rail Mounting



UL 1449 4th Ed Type 1ca DIN-rail SPD for AC Power Supply

DIN-rail SPD (DIN-rail Surge Protection Device) is Type 1ca SPD according to UL 1449 4th edition and is designed for low-voltage power supply system surge protection, especially for point of entry (Category C, D, ANSI/IEEE C62.41) and sub-circuit (Category B, ANSI/IEEE C62.41) protection.

This surge protection device features Prosurge's global patented fail-safe and self-protected technology, offering quick thermal response and perfect cut-off function and providing fast and reliable protection for various power supply systems.

Built with window fault indication and optional remote alarm contact, it can monitor the operating status of the SPD itself.



UL 1449 4th Ed Type 1ca DIN-rail SPD for AC Power Supply

DIN-rail SPD is Type 1ca SPD (Surge Protection Device) according to UL 1449 4th designed for low-voltage power supply system surge protection, especially for point of entry (Category C, D, ANSI/IEEE C62.41) and sub-circuit (Category B, ANSI/IEEE C62.41) protection.

This series is especially designed for low-voltage power supply system at the boundaries from lightning protection zone 1-2 and higher.