

ISPD

Industrial Surge Protection Devices

usa.siemens.com/ISPD

Siemens Industrial Surge Protection Devices (ISPDs) offer a reliable DIN-Rail mountable solution for increasing NEC requirements to safeguard your critical equipment and safety circuits. In today's industrial environment, protection from damaging power surges is essential to maintaining smooth operations and minimizing costly downtime. Our complete portfolio protects your AC power, DC power, and signal line communications, covering all your industrial applications.

Why surge protection:
Electrical safety foundation reports that 34% of unplanned power outages are caused by power surges and unexpected resetting or mis-operation of equipment commonly also caused by power surges.* With a significant growth of interconnected, smart equipment and sophisticated electronic devices, the National Electric Code (NEC) continues to increase requirements in surge protection in different applications to ensure safety of personnel and equipment.

- **Article 700.8:** UL listed SPD shall be installed in or on all emergency system switchboard and panelboards.
- **Article 620.51 (E):** Requires an SPD for any system with an emergency load specifically elevators, dumbwaiters, and escalators
- **Article 645.18:** Requires an SPD be installed on branch circuits supplying critical operations data systems.
- **Article 670.6:** Requires SPDs installed on industrial machinery with safety interlock circuits.
- **Article 695.15:** Requires SPDs installed in or on the fire pump controller.

** Source: esfi.org*

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AC Power Protection

- UL 1449 Type 1 Devices
- Replaceable modules
- Remote contacts standard
- 120V - 600V nominal



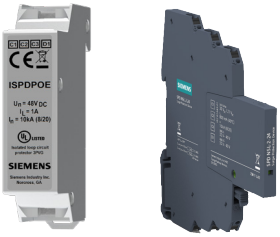
DC Power Protection

- UL 1449 Type 1 Devices
- Replaceable modules
- 24VDC
- 1000VDC & 1500VDC for PV solar applications



Signal Line Protection

- UL 497B devices
- Slim design (6.2mm wide) with replaceable modules
- Optional LED monitoring available
- 5V, 12V, 15V, and 24V applications
- 4-20mA Data Signals, paired loop, Fieldbus systems
- Cat 6 communications



For more information on ISPDs, visit our website: *www.usa.siemens.com/ISPD*

Legal Manufacturer

Siemens Industry, Inc.
3617 Parkway Lane
Peachtree Corners, GA 30092
United States of America

Telephone: +1 (800) 241-4453
usa.siemens.com/ISPD

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