

OVRHTP Surge Protective Devices

Engineered for UL panel builders and OEMs



Powerful OVRHTP Surge Protective Devices (SPDs) are a cost-effective solution for UL panel builders and Original Equipment Manufacturers (OEMs). OVRHTP compact and advanced design features thermally protected MOVs to eliminate overvoltage, safeguarding your customer's equipment and capital investments.

Key benefits

- **Safeguard capital investments** – Help protect your customers' valuable assets, reduce downtime, and lower maintenance costs
- **Cost-effective** – Choose the enclosure options that better fit your budget
- **Competitive lead times** – Manufactured within the US, helping you secure more projects and deliver your projects faster
- **Made to order** – Meet the technical specifications of each of your different projects
- **Advanced protection** - Thermally protected MOVs help provide superior protection and continuous operation
- **Proven and reliable performance** – Single surge testing has been validated by an independent third-party laboratory

Key features

- Thermally protected MOVs
- Multiple enclosure options
- Compact and light weight design
- Standard monitoring status indicator lights (one per phase)
- Dry relay contacts report SPD status remotely
- Optional: surge counter display
- Optional: Audible alarm with silence button

Technical specifications

- 200kAIC short circuit rating for most available voltage configurations
- Maximum surge current rating 60 kA to 400kA per phase, 30 kA to 200kA per mode
- Nominal discharge current rating (I-n) 20kA for most available configurations
- Operating frequency 47–63Hz
- Connection method parallel to electrical distribution system
- Modes of protection All Modes (L-N, L-G, N-G, L-L)
- Type 1 SPD with fault current rating (SCCR) 200kAIC – no upstream over-current protection device (breaker or fuse) required

Certification and standards

- UL Listed 1449 4th edition for Type 1 and Type 2 SPD applications
- Type 1 SPDs meet requirements for UL 96A
- UL 1283 for Type 2 applications
- IEEE C62.41.1, .2, C62.45
- ROHs compliant

Target market

- Global

Product documentation (interactive links)

- Product website
- SPD UL range catalog
- Data sheets
- BuyLog

Applications

- Data centers – uninterrupted power supplies, remote power panels
- Food and beverage
- Wastewater treatment plants
- Motor control centers
- Service entrance
- Power distribution
- Control cabinets
- Lighting circuits
- HVAC equipment
- UL508A control panels

Production site

Richmond, Virginia, United States

Sales ordering

- Tnb access
- ABB empower (available on June 2021)

Availability and delivery time

- Available for ordering Q2.
- Temporary lead time 4-6 weeks.

Contact information

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