

# OVRHR Surge Protective Devices

Compact, reliable, powerful for hard-wired installations



ABB’s OVRHR series of surge protective devices help reduce costly downtime while protecting sensitive electronic equipment against the damaging effects of surges caused by lightning, load switching, and more. The OVRHR is a Type 1 SPD designed for service entrance or subpanel locations. The OVRHR is a cost-effective solution to meet your application needs.

## Product Highlights

Reliable, value solution



### Enhanced protection

MOVs deliver protection against voltage spikes and extend equipment life



### UL Type 1 Listed

UL 1449 Type 1 listing eliminates need for occurrent protection from a fuse or breaker



### Compact design

Small footprint saves space for additional components



### Rugged Enclosure

Durable NEMA 4X rated enclosure suitable for indoor and outdoor use to protect unit from dirt and debris



### Easy diagnostics

Green LED light provides easy indicator of surge protection operational status



### Contractor-friendly

Installation is quick and easy, saving time and labor cost

## Technical specifications

- Maximum Surge Current Rating: 36 kA per phase
- Voltage (Split-Phase Applications): 120/240V & 120/208 V AC
- UL Type Designation: Type 1
- UL 1449 I-nominal Rating: 10 kA
- UL 1449 Short Circuit Current Rating (SCCR): 200 kA
- Operating Frequency: 50 – 60 Hz

## Applications

- Control panels
- Process automation systems
- HVAC systems/Pumps
- Panelboard
- Other point-of-use application

## Segments and channels

- Commercial
- Industrial

## Target market

- OEMs – Control panel builders
- Distributors

**Certifications and standards**

- UL 1449 5th Edition: 2021, cULus, (UL File: VZCA. E316468)
- ANSI/IEEE C62.41.1-2002, C62.41.2-2002, C62.45-2002
- NEC® 2020 Article 285
- REACH & California Prop 65

**Availability**

Order now via [empower flow](#)

**Related documents**

OVRHR series data sheets  
OVRHR series installation instructions  
Surge Protective Devices UL US Catalog  
BuyLog

**Contacts**

- ABB sales agent or representative
- ABB regional sales managers
- Kimberly Fairley, US Product Marketing Manager
- Brandon Miller, Global Product Manager