

# DC Surge Protector

This device protects against overvoltages in DC power systems. It is compliant with IEC61643-11 standards.



## ADDITIONAL IMAGES



## Overview

### Professional DC Surge Protection

These surge protection devices are engineered to safeguard photovoltaic electrical installations against transient overvoltages and indirect lightning strikes. Featuring robust design options including Type 1+2 and Type 2 configurations, they ensure reliable performance for critical DC power systems. With integrated status indicators and available remote-signaling ports, maintenance and monitoring are streamlined for professional facility management.

## Technical Specifications

### Discharge Current Metrics

**50 kA**

Max Discharge Current (I<sub>max</sub>)

**25 kA**

Nominal Discharge Current (I<sub>n</sub>)

**12.5 kA**

Impulse Current (I<sub>imp</sub>)

### Protection Classes

Type 1+2, Class I+II, T1+T2, Type 2, Class II

### Max Continuous Operational Voltage (U<sub>c</sub>)

275V - 1000V DC

### Voltage Protection Level (U<sub>p</sub>)

3.5kV - 4.5kV

### Rated Current

125 A

## Configuration Options

### Available Connection Versions

- 1+0
- 1+1
- 2+0
- 3+0
- 3+1
- 4+0

Remote Signaling

Yes

## Compliance

### Regulatory Standards

EN 61643-31 • IEC 61643-11 • CE