

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_{max})

25 kA

Nominal Discharge Current (I_n)

12.5 kA

Impulse Current (I_{imp})

Protection Classes	Type 1+2, Class I+II, T1+T2, Type 2, Class II
Max Continuous Operational Voltage (U _c)	275V - 1000V DC
Voltage Protection Level (U _p)	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