

Photovoltaic Surge Protection Device

This surge protection device is designed to protect photovoltaic systems from surge events. It features a U_{cpv} of 1500VDC, an I_n of 20kA, an I_{max} of 40kA, and an U_p of 5.0kV.



ADDITIONAL IMAGES



Product Overview

Professional PV Surge Protection

The SUP2-PV surge protective device is engineered specifically for high-capacity photovoltaic systems operating at 1500VDC. It provides robust protection against transient overvoltages and lightning strikes, utilizing advanced arc extinction and integrated thermal protection technology. Designed for reliability and safety, this modular device ensures the longevity of critical solar power infrastructure.

Technical Specifications

Performance Metrics

1500 VDC

Maximum Operating Voltage (U_{cpv})

20 kA

Nominal Discharge Current (I_n)

40 kA

Max Discharge Current (I_{max})

5 kV

Voltage Protection Level (U_p)

Certifications

CE, TUV

Physical Features

Key Functional Features

- Modular design for easy element replacement
- Built-in thermal protection circuit
- Advanced arc extinction technology
- Power status visual indicator

Mounting Style

DIN rail mounting