

# Surge Protection Device

This surge protection device protects electrical systems from transient overvoltages. It features a modular design for easy installation and ensures the safety of sensitive electronic equipment.



## Product Overview

### Professional Surge Protection

The BY1-C series surge protection device is engineered to safeguard electrical systems and sensitive equipment from transient overvoltages caused by lightning strikes and switching operations. Featuring a modular design for easy installation and maintenance, this device ensures continuous operation and safety in demanding electrical environments. It is suitable for a wide range of industrial and commercial applications requiring reliable Class C surge protection.

## Core Performance

### Key Performance Metrics

**40 kA**

Max Discharge Current (Imax)

**20 kA**

Nominal Discharge Current (In)

**25 ns**

Response Time

## Technical Specifications

### Rated Voltage (Un)

- 110V
- 220V
- 380V

### Continuous Operating Voltage (Uc)

140V - 550V

### Voltage Protection Level (Up)

d0.8V to d2.5kV

### Operating Temperature

-40°C to +80°C

