

# Low-Voltage Surge Arrester

This surge arrester is designed for power supply systems using AC 50Hz and a rated voltage below 400V. It provides protection against lightning strikes or surge overvoltage, meeting the protection requirements of power equipment.



## Product Overview

### Reliable Surge Protection

The CQY2 low-voltage surge arrester is engineered to safeguard power distribution systems against transient overvoltages. Designed for AC 50Hz systems with rated voltages up to 400V, it provides essential protection against lightning strikes and switching surges. Its modular architecture ensures straightforward installation and maintenance, making it an ideal choice for protecting critical power equipment.

## Technical Specifications

### Discharge Current Capacity

**30 kA**

$I_{max}$  (8/20 $\mu$ s)

**10 kA**

$I_{max}$  (10/350 $\mu$ s)

### Protection Class

T1

### Rated Voltage

440 V

### Frequency

50 Hz

### Voltage Protection Level (Up)

2 kV

### Voltage to Resistance Ratio (W/R)

25 kJ/©

## Installation & Compatibility

### Suitable Applications

- Power supply systems
- AC 50Hz systems
- Low-voltage distribution equipment