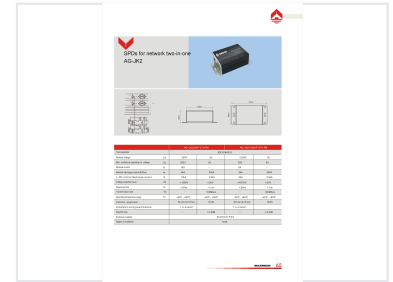


# Data Line Surge Protection Device

This surge protection device is designed to protect sensitive data transmission equipment from transient voltage surges and spikes. It provides reliable protection against overvoltage events, ensuring the integrity and longevity of connected devices.



## ADDITIONAL IMAGES



## Overview

### High-Performance Data Line Surge Protection

This series of surge protection devices (SPDs) is engineered to safeguard sensitive data transmission equipment and control signals from transient voltage surges and spikes. Designed for versatility, these units support a wide range of operating voltages and communication protocols, ensuring the integrity and longevity of connected B2B infrastructure. With robust discharge capabilities and low insertion loss, they provide reliable protection without compromising signal quality in demanding industrial environments.

## Key Performance Metrics

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**10 kA**

Max Discharge Current

**0.5 dB**

Insertion Loss

**100 Mbps**

Max Transmission Rate

## Technical Specifications

Operating Voltage Options	5V, 12V, 24V, 48V, 110V, 220V
Nominal Discharge Current (In)	5 kA
Response Time (tA)	<25ns

## Control Signal Protection (AG-SX-CH)

### Control Signal Series Parameters

Nominal Voltage	Max Continuous Voltage (Uc)	Protection Level (Up)
5V	8V	25V
12V	18V	30V
24V	30V	60V
48V	60V	90V
110V	170V	270V

## Network Protection (AG-JK2)

### Network Protection Features

- Two-in-one network application support
- RJ45 or Screw Terminal connection options
- Aluminum Alloy enclosure for durability
- Supports 1.5-2.5mm<sup>2</sup> installation wiring

## Environmental & Standards

### Ingress Protection

IP20

### Operating Temperature Range

-40°C to +80°C

### Test Standards

IEC 61643-21