



## DIN Rail Installation 12VDC Surge Protector for Data Line Remote Testing Signal Protection

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Golden Electric /OEM
- Certification: ISO 9001, ISO 9000, ISO 14001, ISO 14000, ISO 20000, OHSAS/ OHSMS 18001, IATF16949
- Minimum Order Quantity: 1
- Packaging Details: Carton/Pallet
- Delivery Time: Peak Season Lead Time: more than 12 months  
Off Season Lead Time: within 15 workdays
- Payment Terms: LC, T/T, PayPal, Western Union
- Supply Ability: 5000/Month



### Product Specification

- Application: AC/DC System
- Size: Small
- Operation Voltage: Low Voltage
- Shape: Module
- Material: Aluminum Alloyed
- Brand: Golden Or OEM
- Weight: 60g
- Color: Black
- SPD Location: Indoor
- Product Name: 12VDC Surge Protector
- Nominal Voltage: 6V/12V/24V/48V
- Maximum Working Current: 300mA
- Series Resistance: 15Ω
- Working Temperature: -40°C+80°C
- Transport Package: Standard Export Carton



### More Images



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## Product Description

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OBVXJ is the series of devices for discharging transient overvoltages induced in RS 485 networks. OBVXJ designed for protection of data, communication, measuring and control lines against surge effects. The protector with RS485 input and output connectors. able to hold up nominal discharge currents of 5kA for each line.

- Suitable for the protection of instrumentation installed in RS485 networks. By their nature, they are highly exposed to induced transient overvoltages (surges) associated with meteorological activity.

- Protection of 1 or 2 pairs of wires.

- For nominal voltage. Un: 12V 24V 48V

- Low residual voltage in all the working voltages.

- Available with optional Din-rail mountable.

### Application

- AC/DC distribution
- Power supplies
  - Industrial automation
  - Telecommunications
  - Motor controls systems
  - PLC applications
  - Power transfer equipment
  - HVAC applications
  - AC drives
  - UPS systems
  - Security systems
  - IT / Data centers
  - Medical equipment

### Risk of voltage surges

Electrical and electronic equipment is indispensable in the daily activities of today's businesses and individuals. Such devices are connected to the electricity grid, often exchanging data and signals through communication lines and are usually sensitive to disturbances. These interconnecting networks provide a propagation path for overvoltages.

Protection against lightning and overvoltages not only ensures the safety of people, goods and equipment, but also ensures continuity of installation services. Overvoltage protection extends the life of the equipment by more than 20%, which significantly reduces the volume of electronic waste. It also reduces the power consumption of the installations, all of which translates into cost savings and environmental sustainability.

### SURGES IN TELECOM AND SIGNALLING NETWORKS

Surges tend to induce currents in all metal conductors; not only are the power lines affected, but so are all cables to a greater or lesser extent, depending on the distance to the focus of the surge.

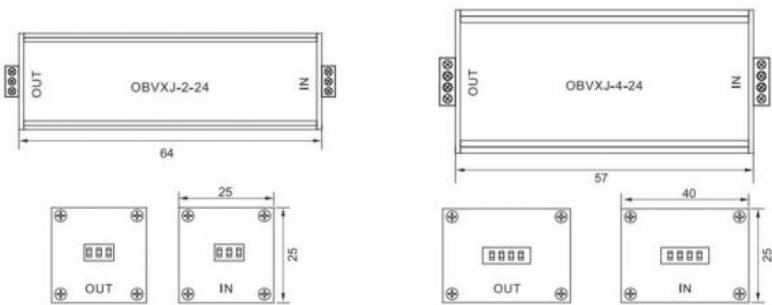
Although a lower current is induced, the effect produced is equally or more destructive, due to the greater sensitivity of electronic equipment connected to communications lines (telephone, Ethernet, RF, etc.).

### Product Parameters

Reference	OBVXJ-6	OBVXJ-12	OBVXJ-24	OBVXJ-48
Nominal voltage : Un	6Vdc	12Vdc	24Vdc	48Vdc
Maximum continuous operating voltage: Uc	8Vdc	15Vdc	30Vdc	65Vdc
Nominal discharge current for line C2 10kV(1,2/50μs) / 5kA(8/20μs): In (C2)			5kA	
Protection level at In (8/20μs):	12V	25V	40V	75V
Maximum working current:		300mA		
Series resistance:		15Ω		
Response time:		< 10ns		
Working temperature:		-40°C+80°C		
SPD location:		Indoor		
Type of connection:		Series (two ports)		
Input / Output connector:		RS485 / RS485		

Certificated tests according to: IEC 61643-21, EN 61643-21

Surge Protective Device Arrester Dimensions:



Packaging & Shipping

Packaging Details:

Customized Packing: Header card packing, Blister with card packing, Double blister packing, Canister packing, other packing can be supplied according customers request.

Shipping:

- 1. By Air or by Sea for batch goods,Airport/ Port receiving;
- 2. Customers specifying freight forwarders or negotiable shipping methods!

Delivery Detail:

Shipped in 7 days after payment



Company Profile





- Golden Electric Co.,Ltd ,was founded in 2017, we are professional for make AC and DC electric items such as **cable gland, isolator switch , fuse , breaker , distribution box , PV combiner box ,surge protector, Industrial plug and socket,Solar product** and so on.

- Golden has been granted ISO9001 management system certifications. The comprehensive product line has more than 1000 models which have been approved by TUV,CE,CQC,SGS,ROHS,SASO. The productsells well to UK, Spain, Portugal, Singapore, Turkey, Russia, Korea, South Africa... more than 60 countries and regions.

- Golden is always striving hard to provide the best services and competitive price to all customers.



**Low voltage product:**  
 Auto/manual transfer switch  
 Power meter  
 Distribution box(plastic/metal)  
 Surger protector device  
 Mini /Moulded case circuit breaker  
 Insulator

Factory direct sale

Customize

High quality

Professional after-sales service



#### Manufacture of solar



**Q1: If I'm interested in your Solar SPD when I can receive your quotation and detail information after send the enquiry?**

A: All your enquiry will be replied in 8 hours.

**Q2: Your Solar SPD seems perfect but what's the difference between you and other suppliers? Because I find some cheaper price from others!**

A: Our DC SPD is special for Solar system all the parts in the SPD are high quality customized. Not all the DC SPD are Solar SPD!

**Q3: Can I get a sample before the order because I really don't know how is your DC SPD quality?**

A: Of course! We also think sample order is the best way to build the trust.

**Q4: How's the delivery? Because I really need them urgently?**

A: For sample order 3~7 days will be no problem. And for regular order we promise in 15 days.

**Q5: How's the warranty period for your DC SPD?**

A: We offer one year warranty for our customer.

## How to contact us

**Send your Inquiry Details in the Below, please Click "send" Now!**  
**Good price and sample are waiting for you.**



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