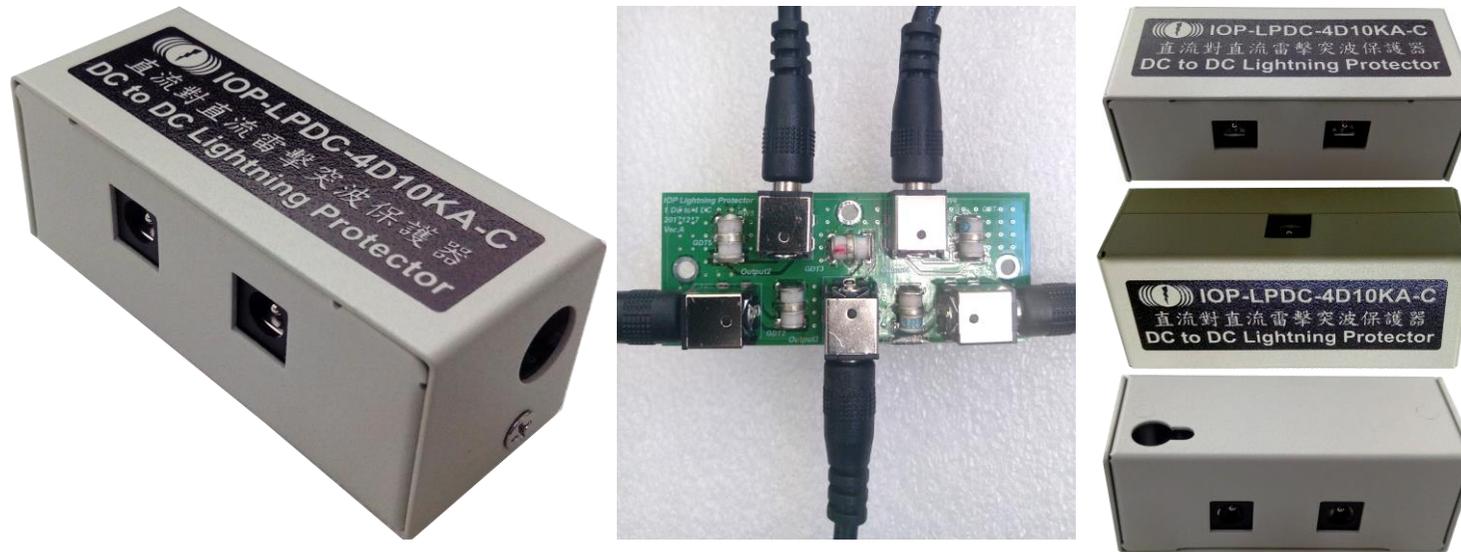


# IO-Power IOP-LPDC-4D10KA-X [Dedicated to Lightning Area]

## 1 DC to 4DC DC Power Lightning Protection and Surge Protector



Case Higher Temperature Type: LPDC-4D10KA-C / Plastic Durable Type: LPDC-4D10KA-P / For Assembly type: PCBA-LPDC-4D10KA-X

IO-Power IOP-LPDC-4D10KA-X is a Dedicated to Lightning Area -designed 1 DC to 4 DC for DC power lightning protection and surge protector.

The use of simple line-to-line physical protection design, with the DC Jack DC power 8A plug and unplug use, there is no directional power supply to the four DC connectors output power, the use of a very simple and convenient.

One DC power input can be distributed to four DC power supplies to four powered devices, which is especially suitable for distributed power supply of CCTV monitoring system and protection against lightning and surge at each power supply

terminal. However, it is imperative to observe that the power consumption of one DC input must be greater than the total power consumption of four DC outputs and be limited to the 8A / 60V specifications that the DC connectors can withstand.

IOP-LPDC-4D10KA-X with continuous power supply function can be a DC input power, through the series of more than two protectors, multiples to improve the distribution of power to the receiving terminal number; also has a series and multiple series input power Function, can achieve multiple sets of power supply side of each other power backup effect.

IOP-LPDC-4D10KA-X has a continuous series power supply function, a DC input power, through the series of more than two protectors, multiples to improve the distribution of power supply to the number of terminals; At the same time, it also has the function of continuous series connection and multi-group input power supply, which can achieve the power supply effect of multiple power supply to each other.

IOP-LPDC-4D10KA-X has continuous serial power supply function, which can improve the distribution of power supply to the number of terminals; also has a series of multi-input power supply function in series to achieve the power supply of multiple groups of each other power supply backup effect. However, it must be observed that the power input of multiple DC input terminals should be greater than the total power consumption of multiple DC output terminals.

Protector uses industrial grade electronic components, for each DC power supply line 10KA (10,000 Amp) lightning protection and surge shock protection.

All the protective components and components, etc., are used to withstand  $-40\text{ }^{\circ}\text{C} \sim +80\text{ }^{\circ}\text{C}$  harsh environmental use standards; based on customer use of environmental needs, to provide outdoor waterproof and box-type resistance to high and low temperature and plastic light and durable Type and other three kinds of institutional characteristics of the product, so that users have more choices.

# 1DC 4DC DC Power Lightning and Surge Protection Device Application

**1 input power is turned on to 4 output power**  
**Each DC power supply independent lightning protection**

**1 input power connected in series into 7 output power**  
**Each DC power supply independent lightning protection**

**Enter the total power wattage of the power supply**  
**Greater than >**  
**Output power supply more than the total wattage**



## IOP-PCBA-SELP-1P10KA-X Technical Specifications

Product Model	IOP-LPDC-4D10KA-C	PCBA-SELP-1P10KA-X
Appearance		
Product type	Box type high and low temperature type	Built in the chassis type
Input and output interface	1 DC to 4 DC direct conduction	
Input & Output Voltage / Ampere	60Vdc Max / 8A Max	
Anti - lightning and surge protection	10KA (10,000 Amperes) (Electronica Parts: Total Impulse Discharge Current 10KA @ 8/20µs by IEC 61000-4-5, 10 shots)	
Support Special Features	<p>Support series expansion of power supply number of functions</p> <p>Support multiple input power source backup power supply mode</p> <p>Support multiple input and serial amplification power supply each other backup mode</p> <p>Reminder 1: Be sure to use, DC input power supply should be greater than the DC output of the total power consumption, and to be limited to the DC connector can withstand the use of 8A / 60V specifications.</p> <p>Reminder 2: When more than one power supply power input, receiving end equipment will be high voltage and high current for the first input power supply terminal to obtain power, when the highest voltage and maximum current supply end to stop power supply, Two high-voltage input power supply to undertake standby power supply responsibility;</p> <p>Therefore, in order to avoid the backup power transient voltage and current caused by low power supply, try to use the voltage and current similar to multiple sets of power supply.</p>	
Institutional characteristics	Protection of iron shell paint	Non
Environment use	-40°C ~ +80°C	
Size	90(L)x50(W)x50mm(H)	75(L)x35(W)x18mm(H)
weight	0.2Kg	0.05Kg
Install the mounting method	Hanging or wall type	The screws are fixed to the housing surface of the machine
Warranty	24 months	

Product specifications are subject to change without notice. Please contact your dealer or distributor for the latest product specifications