

# DP-A04

## 4 Channel Current Sensor

### 【 User Manual 】



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## Chapter One Introduction

### 1-1 Feature

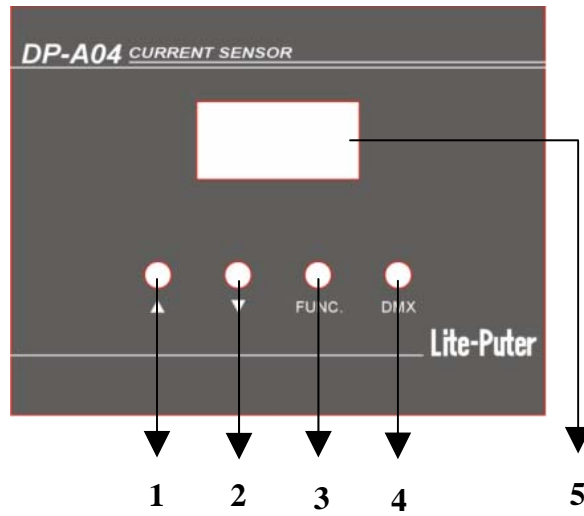
- Can connect to 4 channels, the maximum current value of each channel is 50A.
- Can read current value.

### 1-2 Specification

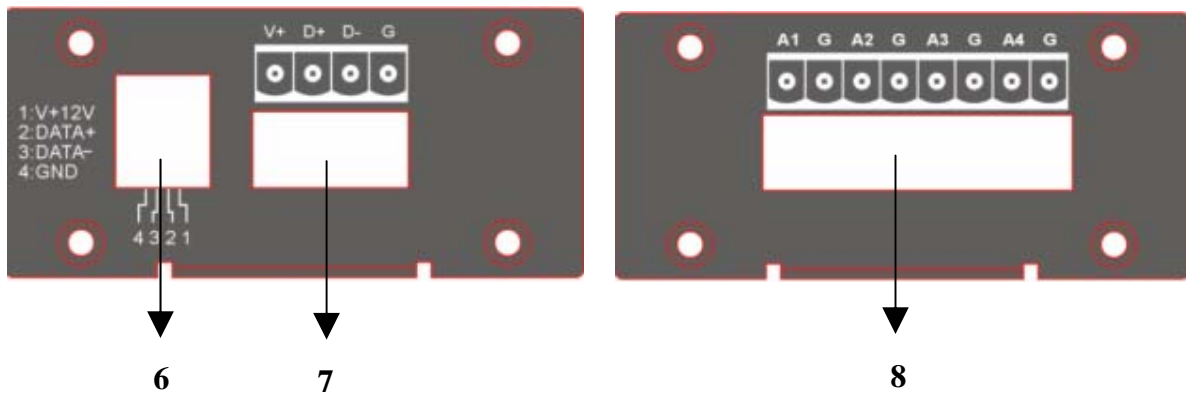
- Power Supply: DC-12V (200mA)
- Protocol: RS-485
- Signal Input Connector :4PIN green terminal
- Sensor Signal Output Connector: 4 groups of 2PIN green terminal
- Dimension: 132\*76\*35mm (W\*H\*D)
- Weight: 220g

### 1-3 Function

#### Front

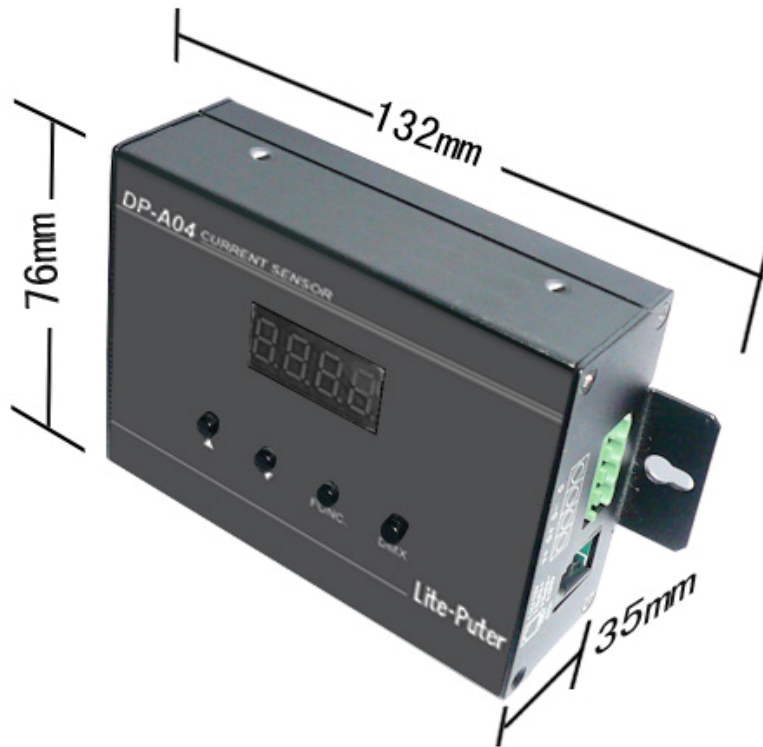


#### Flank



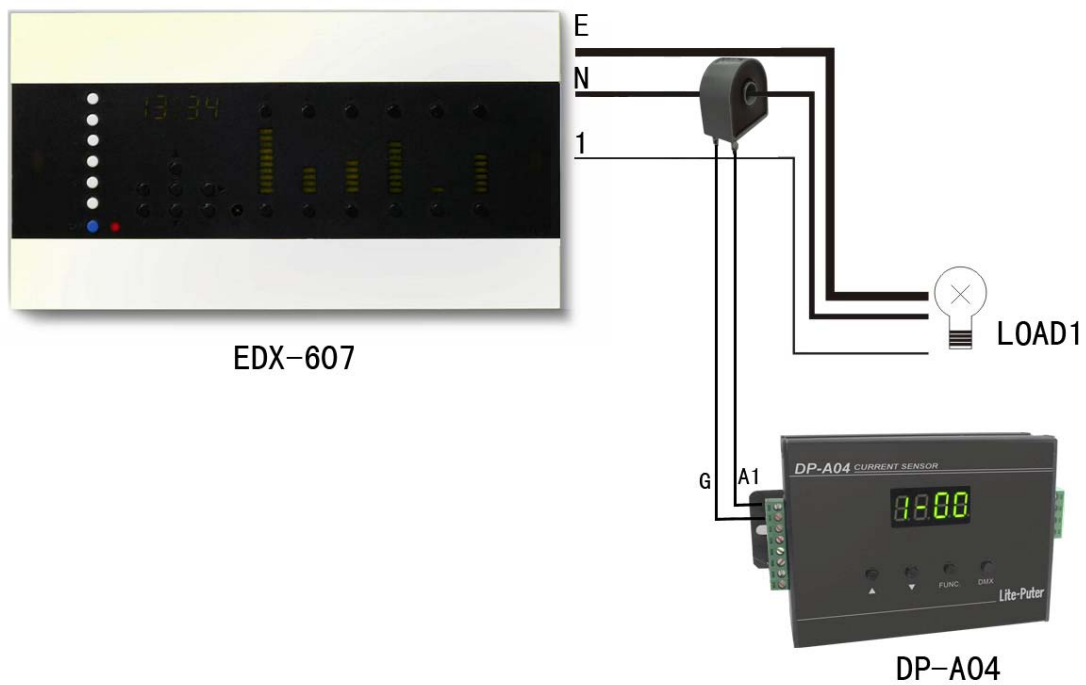
1	Up button	5	LED display
2	Down button	6	EDX port
3	FUNC button	7	4 PIN green terminal(EDX)
4	DMX button	8	4 groups of 2 PIN green terminal(sensor signal output)

### 1-4 Dimension



Dimension : 132\*76\*35mm (W\*H\*D)

### 1-5 Wiring Diagram



## Chapter Two Function

### 2-1 ID Setting

**STEP-1** Press **【DMX】** and **【▲】** or **【▼】** to enter ID setting and LED will display,



**STEP-2** Hold **【DMX】** and **【▲】** or **【▼】** to set ID address.

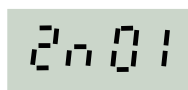
Notice: In EDX system, two different devices can't be set the same ID.

### 2-2 Zone Setting

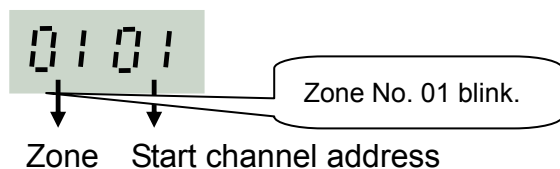
Zone Definition: Before connect with EDX system, the device must set Zone No. , which has two parts: the former two digits is Zone; the latter two is start channel address.

For example, in the first group there are 16 channels and 4 DP-A04 , the Zone setting of each of the 4 devices will be 01-01、 01-05、 01-09、 01-13.

**STEP-1** Press **【FUNC】** to display current Zone No., and LED will display,



**STEP-2** To change the setting, press **【DMX】** and the first two digits will blink.



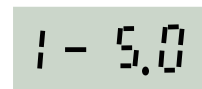
**STEP-3** Press **【▲】** or **【▼】** to adjust Zone No. (Up to 99).

**STEP-4** Press **【DMX】** and the last two digits will blink. Press **【▲】** or **【▼】** to adjust start channel address and can set up to 99.

**STEP-5** Press **【DMX】** to save setting.

### 2-3 Display Current Value

Press **【▲】** or **【▼】** to select the channel out of the 4 channels. For example, select the first channel and the current value is 5A, the LED will display,



## 2-4 Read Current value

This device use EDX protocol. Users can read the current value of each channel through DP-A04's software on PC as showed below,

