

# Hall Effect DC Current Transducer



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## CE-IZ04-36C5-1.0

Output: 0-5V; Power supply:  $\pm 15V$ ;

Window: 150\*40mm; Case Style: C5; Accuracy: 1.0

### Features

High isolation, small size, light in weight, less power consumption, window structure, no insertion loss

### Specifications

Operating temperature:  $-10\sim 80^{\circ}\text{C}$

Measuring range:  $0\sim \pm 300\sim \pm 6800\text{A DC}$

Temperature drift:  $0.025\% /^{\circ}\text{C}$

Isolation : 3KVRMS/50Hz/1Min

Current consumption:  $\pm 20\text{mA}$

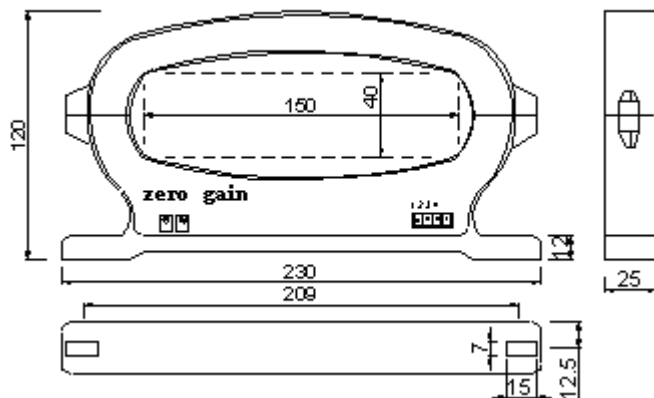
Response time:  $10\mu\text{S}$

Overload: 20 times of the maximum value of measuring range

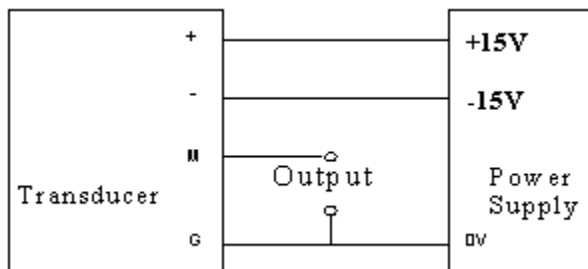
### Case Style & Mounting Dimensions



L\*W\*H: 230\*25\*120mm



### Connections Diagrams



- +: Positive power supply
- : Negative power supply
- M: Signal output
- G: Ground

### Notice

- a) The best accuracy can be achieved when the window is fully filled with bus-bar(current carrying conductor)
- b) The in-phase output can be obtained when the direction of current of carrying conductor is the same as the direction of arrow marked on the transducer case.