## BJ72 AC Current Transducer

FEATURES

*__Working principle:__ New electromagnetic isolation

*__Usage:__ Used to measure AC current, especially for power frequency 50 Hz sine wave AC current

*__Advantage:__ The best performance/price ratio, power loss and small volume, light weight, easy installation, perforated input, without the insertion loss.

*__Application: Widely used for measuring AC current__

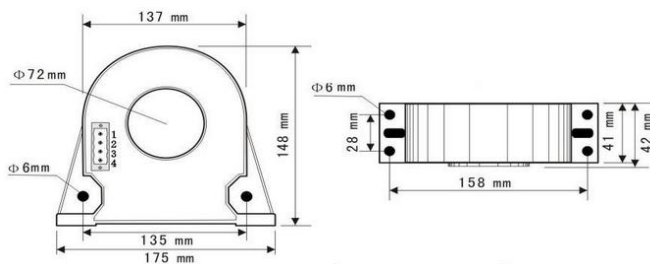*Dimension (mm): BJ72: 175(L) ×42(W) ×148(H), aperture: 72mm

MODEL

LF- AI12- ▢ ▢ **BJ72-0.5/** ▢

A **B** **C**

Model selection1:LF- AI12-33 BJ72-1.0/10A

Explanation: this product is a 10A input range, 0-5V, 15V power supply, BJ72 style AC Current Transducer
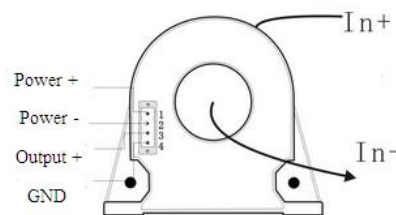
DIMENSION DIAGRAM

ELECTRICAL DATA

*Input Range: 5A~2500A can choose 100A, 15A etc

*Accuracy Grade：≤0.5%.F.S

*Linearity Degree：better than 0.1%

*Response Time: ≤250mS

*Offset Voltage: ≤10mV

*Frequency Range: 20~5 KHz

*Temperature Characteristics:≤100PPM/℃(0~50℃)

*Power Consumption: ≤5 mA

*Load: Voltage output: 5mA, Current output: 6V

*Over Load: 30 times of input

*Isolation Withstanding Voltage:
 AC3.0KV/min*1mA between input /output/ power

*Flame Retardancy: UL94-V0

*Working Environment:-10℃~70,
                20%~90% without condensation

*Storage Environment:-40℃~85,
                -20%~95% without condensation

MODEL REMARKS

A---Output	B---Power supply
2: 0~4V	
3: 0~5V	2:12V±10%
4: 0~20mA	3:15V±10%
5: 4~20mA	4:24V±15%
T: Special output	C---Current input range
Two Wires,	

CONNECTION DIAGRAM

Xiamen ZT Technology Co., Limited