

Current Transducer/Sensor



BJ12 AC&DC Voltage Offside Alarm Transducer

FEATURES

- *Working principle:** Hall Effect principle or photoelectric isolation principle, measurement and control integration
- *Usage:** Used to measure and control the AC&DC Voltage
- *Advantage:** Best performance/price ratio, power consumption, fast response, low power consumption, small volume, light weight, easy installation, perforated input, without the insertion loss
- *Application:** Widely used in measurement and control direct current sites, such as air conditioning running status monitoring, special light source control etc
- *Dimension (mm):** BJ12: 100(L) × 24(W) × 70(H)

MODEL

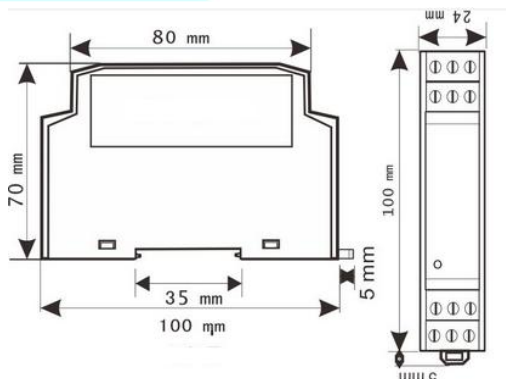
LF- AV11/DV11-   BJ12-0.5/ 

A B C

Model selection1:LF- AV11/DV11-33 BJ12-1.0/100V

Explanation: this product is a 100V input range, Relay output, 15V power supply, BJ12 style AC/DC Voltage Offside Alarm Transducer

DIMENSION DIAGRAM



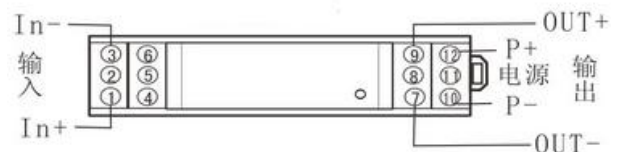
ELECTRICAL DATA

- *Input Range: 50mV~1200V can choose 50mV, 15V etc
- * Action error: Relay output $\leq 2\%$, Open path output coupling $\leq 0.5\%$;
- *Response Time: $\leq 250\text{ms}$
- * Action current: 40mA
- *Static Current: $< 10\text{mA}$
- *Frequency Range: 20~5 KHz
- *Load: Relay Output: DC30V/2A; AC240V/1A
- *Over Load: 10 times of input
- *Isolation Withstanding Voltage: AC3.0KV/min*1mA between input /output/ power
- *Working Environment: $-10^{\circ}\text{C} \sim 70^{\circ}\text{C}$, 20%~90% without condensation
- *Storage Environment: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$, -25%~95% without condensation

MODEL REMARKS

A---Output	B---Power supply
1.Single output control points;	2:12V $\pm 10\%$
2. Double output control points;	3:15V $\pm 10\%$
3.Relay output;	4:24V $\pm 15\%$
4. Open path output coupling;	5.220VAC/VDC
5. Open output transistor;	
T: Special output	C---Current input range

CONNECTION DIAGRAM



Xiamen ZT Technology Co., Limited

<http://www.transducersgroup.com>

sales@transducersgroup.com

Jason Zeng

Skype: zntarjason