

# Current Transducer/Sensor



## BJ15 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):** BJ15: 77(L) ×45(W) ×50(H)mm

### MODEL

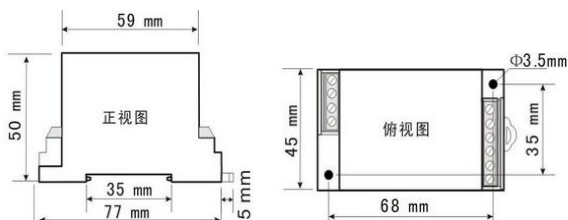
LF- AV11/DV11-   BJ15-0.5/ 

**A      B                      C**

Model selection1:LF- AV11/DV15-33 BJ15-1.0/100V

Explanation: this product is a 100V input range, Relay output, 15V power supply, BJ15 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

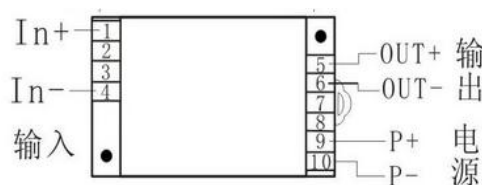
\*Working Environment:-10 °C ~70 °C , 20%~90% without condensation

\*Storage Environment:-40 °C ~85 °C , -25%~95% without condensation

### MODEL REMARKS

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

### CONNECTION DIAGRAM



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