

Current Transducer/Sensor



SA27 AC Current Transducer

FEATURES

- *Transforms the measured 3-phase AC current into 3-way standard DC voltage or DC current output according to the linear proportion
- *Excellent anti-interference ability and high accuracy (0.5%)
- *Current terminal access, standard din rail(35mm) mounting
- *It widely applies to all kinds of industrial current on-line detection system
- *Dimension(mm):100(L)×75(W)×116 (H)
- *AC/DC 110V(220V) power supply

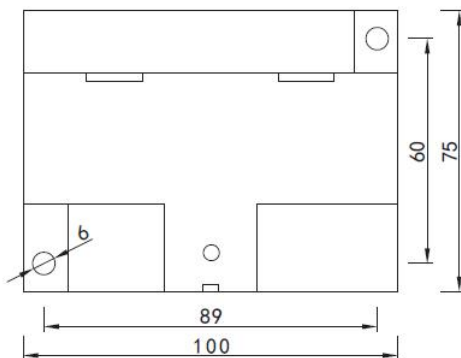
MODEL

LF-AI12-  A27-0.5/
A B C

Model selection1:LF-AI31-59A27-0.5/0~5A

Explanation: this product is a 0~5A input range,
4~20mA output, 220V power supply,
A27 style 3-phase AC current transducer.

DIMENSION DIAGRAM



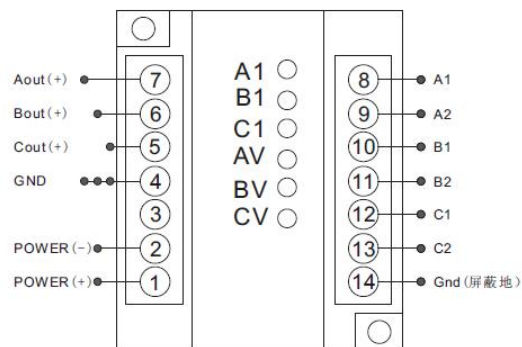
ELECTRICAL DATA

- * Standards: GB/T 13850-1998, IEC688:1992
- * Input Range:0~5A can choose 0~1A,0~5A etc
- * Accuracy Grade:≤0.5%.F.S
- * Temperature Characteristics:≤100PPM/°C (0~50°C)
- * Power Consumption:≤1.0VA
- * Working Stability: annual change<0.2%
- * Isolation Withstanding Voltage:AC2.0KV/min*1mA between input/output/case
- * Isolation Resistance:≥20MΩ(DC500V)
- * Impulse Voltage:5KV(peak value),1.2/50uS
- * Response Time:≤300ms
- * Load Capacity:2 times current continuous, 30 times current 1 second
- * Working Environment:-10 °C ~50 °C ,20%~90%without condensation
- * Storage Environment:-40 °C ~70 °C ,20%~95%without condensation

MODEL REMARKS

A---Output	B---Power supply
3: 0~5V	2:12V±10%
4: 0~20 mA	3:15V±10%
5: 4~20 mA	4:24V±15%
6: 1~5V	8:110V±20%
8: 0~10V	9:220V±15%
T: Special output	C---Current input range

CONNECTION DIAGRAM



Xiamen ZT Technology Co., Limited

<http://www.transducersgroup.com>

sales@zntar.com

Jason Zeng

Skype: zntarjason