

3 elements AC Voltage Transducer



Shenzhen Sensor Electronic Technology Co.,Ltd

CE-VJ31-34MS3-1.0

Output: 0-5V DC; Power supply: 24V DC;

Aperture: none ; Case Style: MS3; Accuracy: 0.5

Features

High isolation, low drift, small size, terminal input, din rail mounting

Specifications

Operating temperature: -10~50°C

Measuring range: 0-10V~500VAC

Accuracy: Class 0.5

Temperature drift: 300 ppm/°C

Isolation voltage: 2500 VDC

Load capability: $\geq 2\text{ k}\Omega$

Response time: $\leq 400\text{ms}$

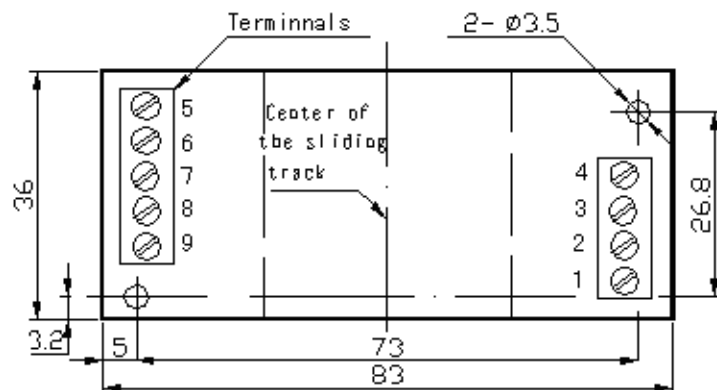
Overload: 2 times 10 times/sec

Test condition: power supply 24VDC; room temperature: 25°C

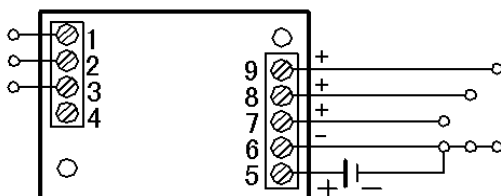
Case Style & Mounting Dimensions



83*36*76mm



Connections Diagrams



- Terminal 1: Phase-A signal Input +
 - Terminal 2: Phase-B signal Input -
 - Terminal 3: Phase-C signal output
 - Terminal 5: Positive power supply
 - Terminal 6: Negative power supply
 - Terminal 7: Phase-AB signal output
 - Terminal 8: Phase-BC signal output
 - Terminal 9: Phase-CA signal output
- Don't use all terminals named NC.

Notice

- a) In case the input is 3-phase-3-wire system, the first output corresponds to the line voltage between V_{ab} , the second output corresponds to line voltage between V_{bc} , and the third output corresponds to line voltage between V_{ca} .