

Model

AX-123N**Digital Low OHM Meter,
Built-in Limit Comparator**

Best suited for inspection of contact resistance value such as relay, switch



- Measuring range : 0.00mΩ ~ 19.99Ω
- 4-terminal measurement
- High speed dual slope A/D converting method.
- Digital comparator is built-in.

Specifications

Measuring range and Accuracy (at23°C±5°C)

| Range | Measuring range | Resolution | Measuring current | Accuracy |
|--------|------------------|------------|-------------------|------------------------|
| 20mΩ | 0.00mΩ ~ 19.99mΩ | 10 μΩ | 1A | within ±0.2%rdg±2digit |
| 200mΩ | 0.0mΩ ~ 199.9mΩ | 100 μΩ | | |
| 2000mΩ | 0mΩ ~ 1999mΩ | 1mΩ | 100mA | |
| 20Ω | 0.00Ω ~ 19.99Ω | 10mΩ | 10mA | |

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| Open-circuit voltage of measuring terminal | less than 5V |
| Measuring method | 4-terminal measurement |
| Sampling time | [Free running mode] 12.5 times per second (Power 50Hz), 15 times per second (Power 60Hz) |
| | [Remote start mode] 80msec. (Power 50Hz), 66.7msec. (Power 60Hz) |
| Comparator set range | +000~+1999 both for high and low limit |
| Indication of comparator's comparison result | LED indication LO/GO/HI and buzzer |
| Control signal | remote start input |
| | remote start input comparison output[LO/GO/HI] |
| | Relay contact output: AC110V max.0.3A/DC20V max.1A |
| | end of comparison output[EOC]: open collector: 50V/100mA(max.) |
| Power supply | AC100V~240V selectable, 50/60Hz, about 21VA |
| Outer dimension | about 260 (W) × 90 (H) × 250 (D) mm (excluding protruding parts such as rubber legs, etc.) |
| Weight | about 2.4kg |

The Outline

AX-123N, digital contact resistor measures very low resistance with high stability and high speed by absolute value, indicates to judge LO, GO, HI and buzzer built in digital comparator.

It can be measured contact resistatnce such as relay, switch.

Option

- BCD Parallel Data out