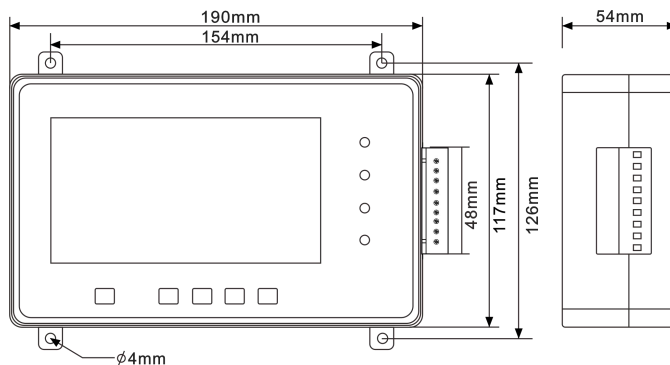


ETCR® ETCR3740 Equipotential Connection Resistance On-line Tester



Product Function

On-line testing the equipotential connection resistance, DC resistance, contact resistance, riveting resistance, etc.

Product features

1. Adopt with precision 4-wire method to measurement which is more accurate.
2. With RS485 communication and 4G communication mode, users can do the secondary development, network construction, remote multi-point online monitoring, etc according to MODBUS communication protocol.
3. Equip with large LCD screen, the DC resistance value can be viewed on site.
4. The tester can set test parameters, alarm critical value, etc.

Technical Specification

| | | | |
|--------------------------|--|-------------|------------|
| Power Supply | 12V±1V DC(External power supply) | | |
| Range & Accuracy | Range | Accuracy | Resolution |
| | 1000mΩ | ±2%rdg±3dgt | 1mΩ |
| | 10Ω | | 0.01Ω |
| | 100Ω | | 0.1Ω |
| | 1000Ω | | 1Ω |
| MAX Test Current | ≥1A | | |
| Measurement Method | Precision 4-wire method, 2 channel A/D simultaneous detection | | |
| Weight | About 450g | | |
| Tester Dimensions | 190mmX117mmX54mm | | |
| LCD Size | 128mmX75mm; Display area: 124mmX67mm | | |
| Measurement Time | About 30 seconds/times | | |
| Measurment Life | More than 10000 times | | |
| Tester Interface | Pluggable terminal blocks: 9 pin terminal | | |
| Communication Method | RS485; 4G(optional) | | |
| Monitoring Interval Time | Automatic monitoring interval time setting range: 1~999h | | |
| Data Storage | 200 groups , flash display" FULL " symbol indicate storage is full | | |
| Data Access | Data access function: " READ " symbol display | | |
| Overflow Display | Over range overflow function: " OL " symbol display | | |
| Alarm Prompt | Audible and visible alarm | | |
| Working Current | Standby: 120mA, Max 1.2A | | |
| Power Voltage | When power voltage lower than 10V, power voltage low symbol will display, and remind to check the power supply | | |
| Electromagnetic Property | IEC61010-4-3,Wireless frequency electromagnetic field ≤ 1V / m | | |
| Accessories | Tester: 1PCS; 9 pin wiring terminal: 1PCS | | |

