

Product Description :

On-line monitoring of loop grounding resistance and metal loop coupling resistance, and grounding condition monitoring.

**Product Features**

1. Split Type, no need to disconnect the grounding down conductor, easy to install, non-contact measurement technology, safe and reliable.
2. The grounding down conductor directly passes through the detector perforation, which does not affect the lighting protection grounding effect and the normal operation of the facility.
3. The detector with an audible and visual alarm. KM 1680C with LCD that can be installed and used independently. You can observe the grounding resistance value at any time & set the alarm value.
5. With RS485 interface, network system can be set up to realize remote real-time monitoring.

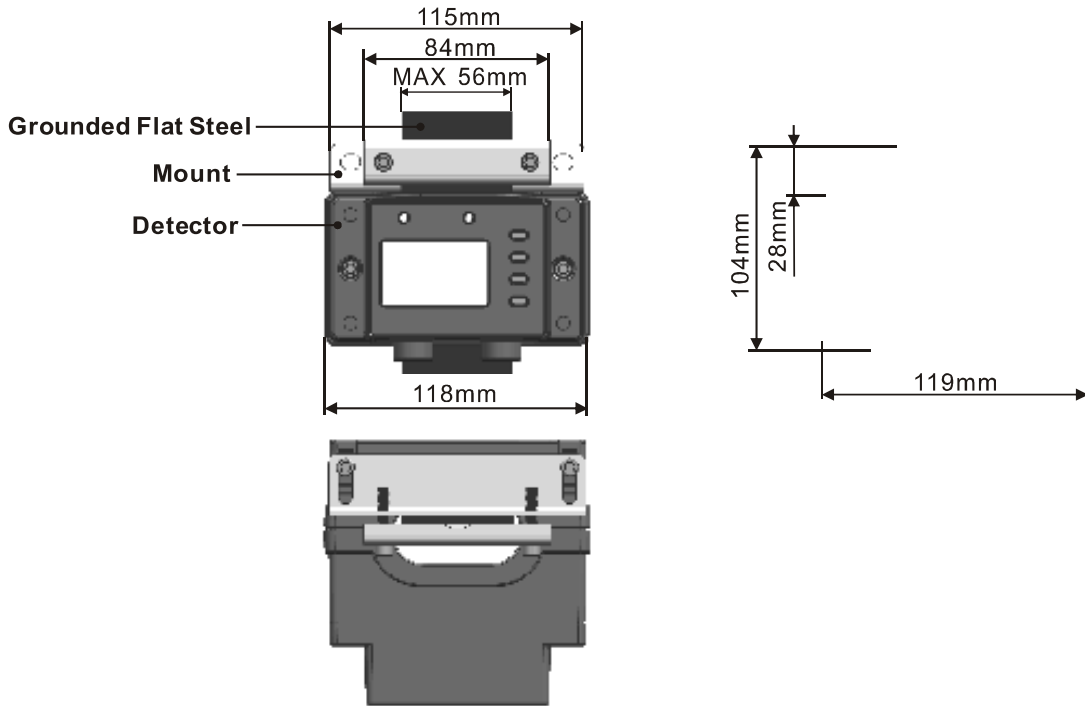
Technical Specification

Data Display	4 digit LCD direct indication or doing secondly development Software to display
LCD Display	47mm x 28.5mm
Overrange Indication	When show value is beyond 200Ω, system software and LCD shows "OLΩ" sign
Alarm indication	Detector sound and light alarm, system software alarm indication
Alarm Setting	Detector panel setting, System software settings
Resistance Range	Range: 0.01Ω~200Ω; Resolution: 0.001Ω
Accuracy	±2% Rdg ± 3dgt (20°C ± 5°C, Below 70%RH)
Grounding Wire size	60mm x 28mm
Installing Screw Hole Size	φ 8mm
Connecting Line	1m wire (5 core wire)
Time For Single Measurement	About 0.5 second
Explosion-proof mark	Ex ia II B T3 Ga
Waterproof Level	IP54
Dimension	132mm x 130mm x 76mm
Communication mode	GPRS Communication, RS232 / RS485 / MODBUS-RTU communication protocol
Power Supply	External power supply.
Weight	Approx. 1kg.
Accessories	Detector, Hardware fixing screws, Flat steel compression screw , cable, manual.

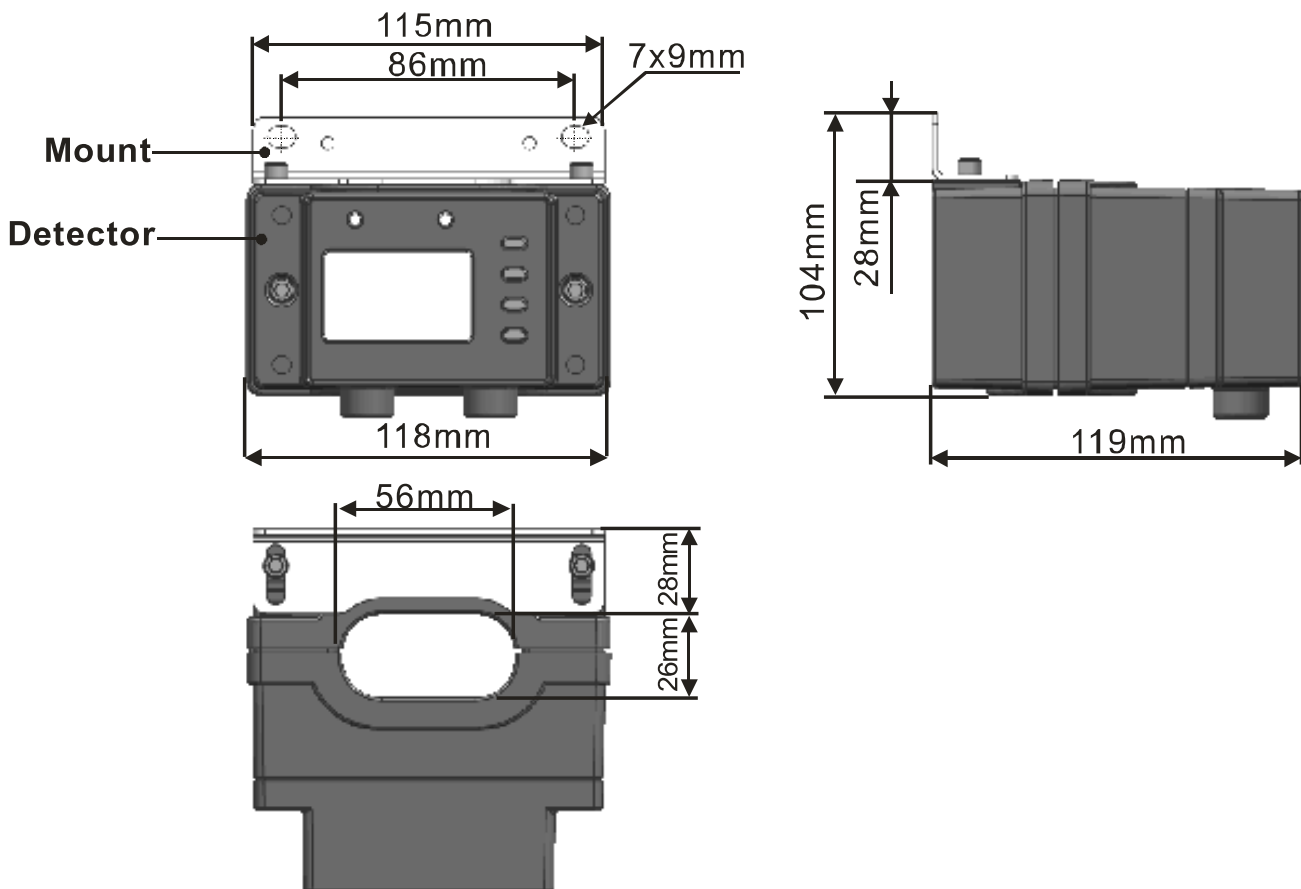
All Specifications are subject to change without prior notice

Installation size

Installation method 1: Installed on grounded flat steel



Installation method 2: Install against the wall



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