LOOP TYPE GROUND RESISTANCE ONLINE DETECTOR MODEL- KM 1680C

Explosion-proof mark
Ex ia II B T3 Ga

IP54



FUNCTION : LOOP CIRCUIT GROUNDING RESISTANCE ON-LINE MONITORING, METAL LOOP CIRCUIT RESISTANCE CONNECTION ONLINE MONITORING, GROUNDING CONDITION MONITORING.

✶ **Data Display :** 4 digits LCD direct indication / software to dispaly on PC.

✶ **LCD Display Size :** 47mm X 28.5mm

✶ **FUNCTIONS :**

- **Resistance Range :** 0.01Ω ~ 200Ω; Resolution: 0.001Ω
- **Accuracy:** ±2% Rdg ±3 dgt (20°C±5°C, Below 70%RH)
- **CT Structure :** Closed loop
- **CT Size :** 60 x 28mm
- **Single Measurement Time :** About 0.5 second
- **Overrange Indication :** Test data >200Ω, system software or LCD show "OLΩ" sign
- **Network points :** Wired network : 1 ~ 250 grounding points scalable; Wireless network : 60000 grounding points, can be expanded.
- **Communication Distance :** Wired network : about 1500m; scalable Wireless network : not limited.
- **Alarm Indication:** Detector sound-light alarm & LCD display
- **Alarm Setting :** Detector panel settings, system software setting
- **Working Current :** 50mA Max. (GPRS:12VDC 150mA Max)
- **Connection Line :** 1 meter (5 cores wire) 1no.
- **Mounting screw size :** Φ7mm.
- **Communication mode :** RS485, MODBUS-RTU communication protocol (Optional)

✶ **ADDITIONAL FUNCTIONS :**

- Temperature resistance
- Cold-resistant
- Corrosion prevention & fire prevention
- Detector's structure is rigorous and firm
- Against rain & dustproof
- Installation and use outdoors
- Non-contact measurement

✶ **Power Supply :** External power supply (Equipped by user) 6-12V@50mA

✶ **Weight :** Approx. 1KG

✶ **Dimension:** Approx. 132mm x 130mm x 76mm

✶ **Accessories:** Detector, Fixing screws M5 x 8mm-2nos., Flat steel compression screw M5 x 35mm-2nos., Allen wrench 1no., cable 1no., User manual 1no. & Carrying case.

SPLIT CIRCUIT GROUND RESISTANCE ONLINE DETECTOR MODEL- KM 1780KC

Explosion-proof mark
Ex ia II B T3 Ga

IP54



FUNCTION : SPLIT CIRCUIT GROUNDING RESISTANCE ON-LINE MONITORING, METAL SPLIT CIRCUIT RESISTANCE CONNECTION ONLINE MONITORING, GROUNDING CONDITION MONITORING.

✶ **Data Display :** 4 digits LCD direct indication / software to dispaly on PC.

✶ **LCD Display Size :** 47mm X 28.5mm

✶ **FUNCTIONS :**

- **Resistance Range :** 0.01Ω ~ 100Ω; Resolution: 0.001Ω
- **Accuracy:** ±2% Rdg ±3 dgt (20°C±5°C, Below 70%RH)
- **CT Structure :** Spilt core
- **CT Size :** 56 x 26mm
- **Single Measurement Time :** About 0.5 second
- **Overrange Indication :** Test data >100Ω, system software or LCD show "OLΩ" sign
- **Network points :** Wired network : 1 ~ 250 grounding points scalable; Wireless network : 60000 grounding points, can be expanded.
- **Communication Distance :** Wired network : about 1500m; scalable Wireless network : not limited.
- **Alarm Indication:** Detector sound-light alarm & LCD display
- **Alarm Setting :** Detector panel settings, system software setting
- **Working Current :** 50mA Max. (GPRS:12VDC 150mA Max)
- **Connection Line :** 1 meter (5 cores wire) 1no.
- **Mounting screw size :** Φ7mm.
- **Communication mode :** RS485, MODBUS-RTU communication protocol (Optional)

✶ **ADDITIONAL FUNCTIONS :**

- Temperature resistance
- Cold-resistant
- Corrosion prevention & fire prevention
- Detector's structure is rigorous and firm
- Against rain & dustproof
- Installation and use outdoors
- Non-contact measurement

✶ **Power Supply :** External power supply (Equipped by user) 6-12V@50mA

✶ **Weight :** Approx. 1KG

✶ **Dimension:** Approx. 124mm x 118mm x 76mm

✶ **Accessories:** Detector, Fixing screws M5 x 8mm-2nos., Flat steel compression screw M5 x 35mm-2nos., Allen wrench 1no., cable 1no., User manual 1no. & Carrying case.