EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

Quick Reference Guide

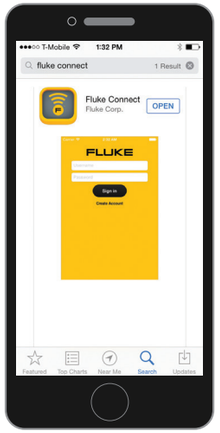
1630-2/1630-2 FC
Earth Ground Clamp

⚠⚠Warning
To prevent possible electrical shock, fire, or personal injury, read the "1630-2/1630-2 FC Safety Information" before you use this Product.

Consult user documentation.

Go to www.fluke.com to register your product and find more information.

Install Fluke Connect® App



iOS

Android

FLUKE CONNECT®

Be ready with measurement data. With the Fluke Connect® Measurements app, you can save equipment measurements to the cloud and share them or reference them at any time. Connect with your team using Fluke Connect® wireless tools and the Fluke Connect Measurement app.

For more information about Fluke Connect, contact us at 844-427-2296 or visit www.flukeconnect.com.

PN 4830595 October 2016
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Wireless Radio Setup
(1630-2 FC)

1

2

3

iOS Settings / Android Settings > Bluetooth On

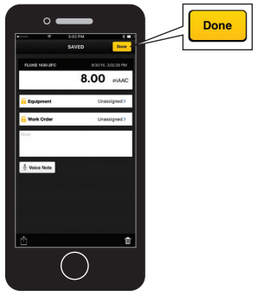
4

5

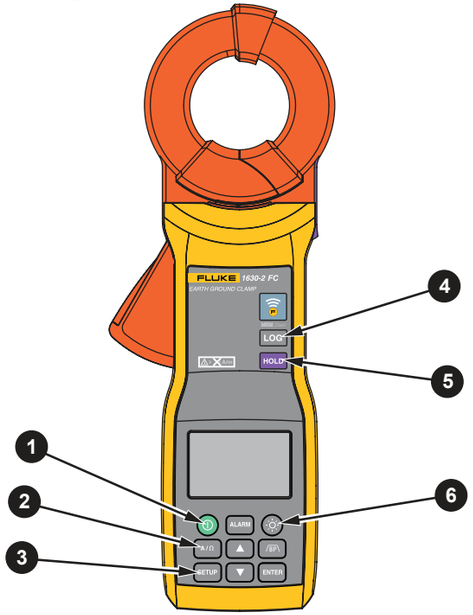
6

Blink = 4-5 s

7



Clamp Functions



1 Power ON/OFF

= ON >2 s = OFF

>20 m (no use) = Auto-Off

2 Function Switch

A/Ω Toggle between Current and Resistance function.

3 Setup

SETUP >
- Log interval
- Alarm threshold
- Time
- Clamp settings

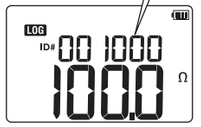
For complete instructions go to www.fluke.com to view or download the users manual.

4 Log Measurements

LOG = MEM on the display.

View Memory

LOG >2 s = LOG ID# 00 1000



Clear Memory

▲ ▼ >2 s

> ENTER to confirm

5 Hold

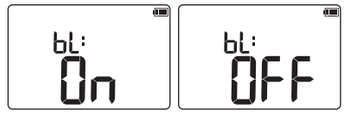
HOLD the displayed value

6 Backlight

= ON/OFF

Backlight Auto-Off Setup

1. SETUP until bL: shows
2. ▲ / ▼



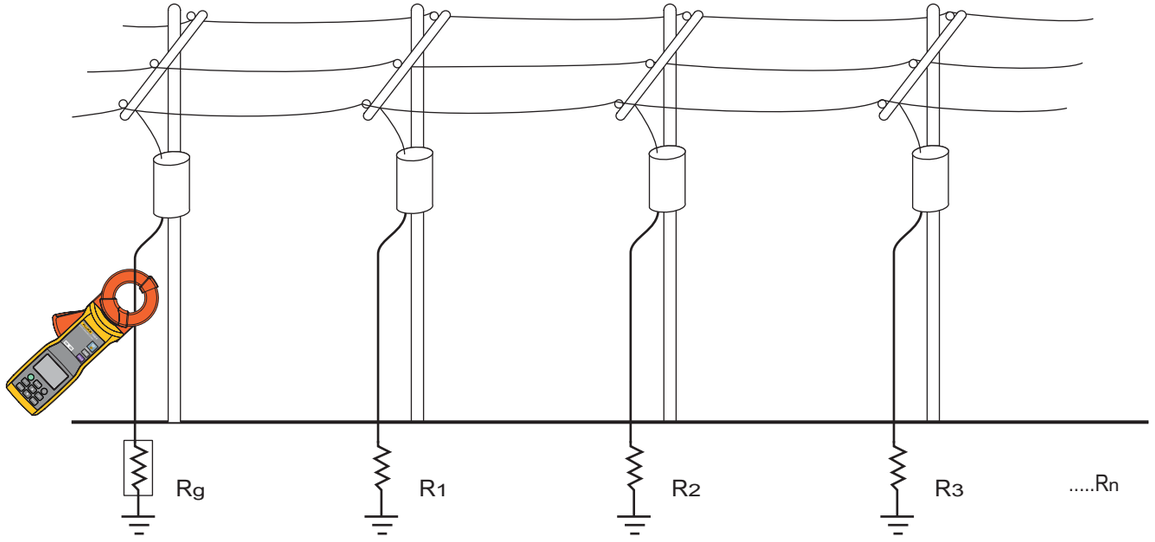
When on,
>2 m (no use) = Backlight Auto-Off

3. ENTER to confirm
4. A/Ω > Measurement Mode

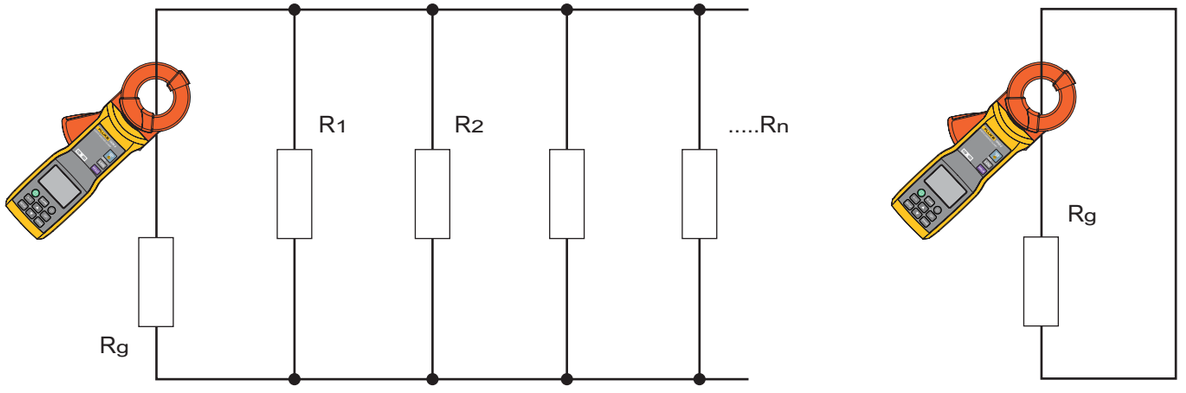
Measurements

Ground Resistance

Ground resistance measurements principle:

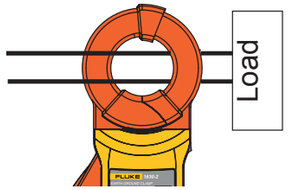


Equivalent circuit diagram:

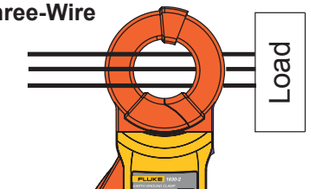


AC Leakage Current

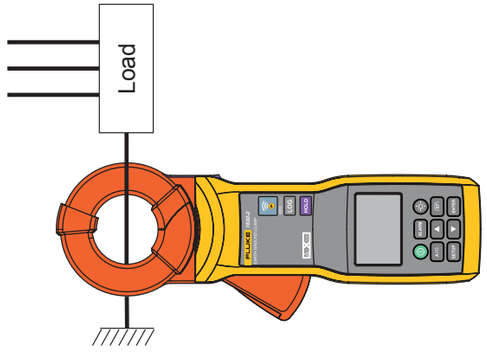
Single-Phase Two-Wire Circuit



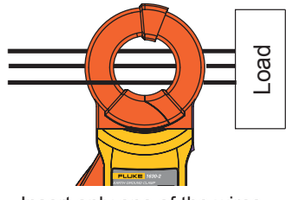
Single-Phase Three-Wire or Three-Phase Three-Wire Circuit



Load Current



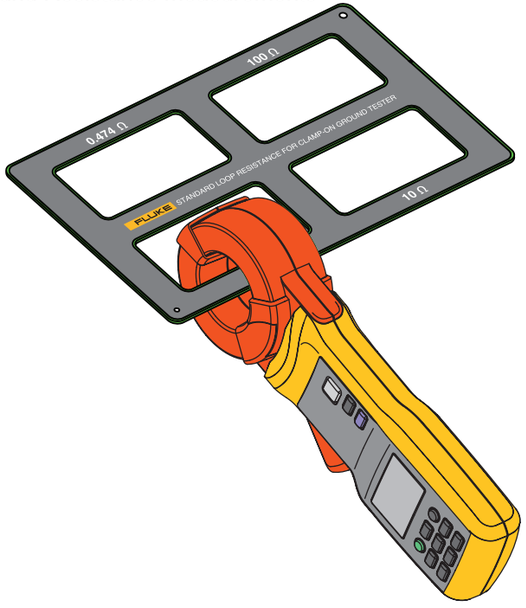
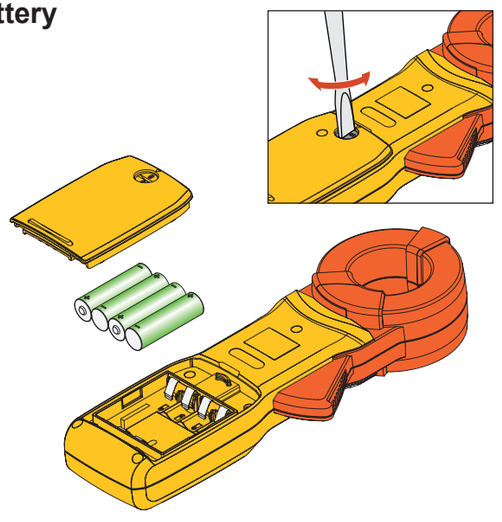
Grounding Wire



Insert only one of the wires through the jaws

Standard Loop Resistance

Check the Clamp before Ground Resistance measurements



Battery