

Manual Supplement

Manual Title: 1736/1738 Users

Supplement Issue: **3**

Print Date: September 2015


Issue Date: 8/18

Revision/Date: 1, 1/17


Page Count: 6

This supplement contains information necessary to ensure the accuracy of the above manual.

Change #1, 381

On the Cover, add the  **Symbol**.

On page 4, add the following to the **Symbols** table:

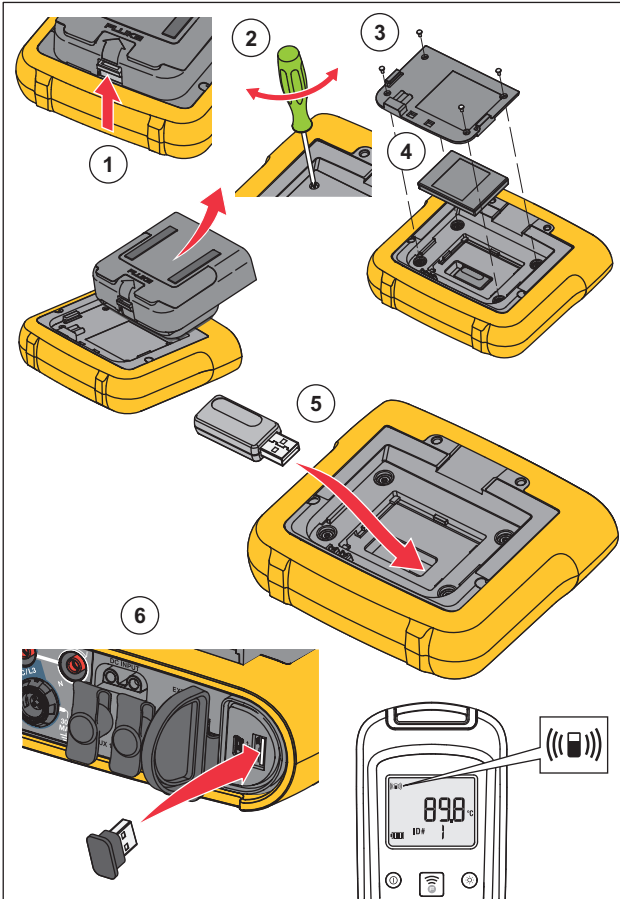
	Conforms to the Appliance Efficiency Regulation (California Code of Regulations, Title 20, Sections 1601 through 1608), for small battery charging systems.
--	---

Change #2, 258, 491

On page 5, under **Before You Start**, replace WiFi/BLE to USB Adapter with:

- WiFi to USB Adapter
- Bluetooth/BLE to USB Adapter

On page 6, replace Figure 1 with:



hcf069.eps

Figure 1. Adapter Installation

Change #3, 595

On page 16, replace the **Measurement Line Power Source** section with:

Measurement Line Power Source:

⚠⚠ Warning

To prevent injury, do not touch the metal parts of one test lead when the other is still connected to hazardous voltage.

⚠ Caution

To prevent damage to the Product, make sure the measured voltage does not exceed the input rating of the power supply.

1. Attach the power supply to the Logger.
2. Move the slide-cover on the power supply to access the safety sockets.
3. Connect the short test leads (see Figure 7B & 7C) with the power supply inputs. Make sure to use the non-stackable plugs. The test leads are rated for measurement/overvoltage CAT III 1000 V and CAT IV 600 V.
4. Connect the test leads with the voltage measurement inputs:
 - Connect A/L1 with one input of the power supply.
 - Connect N with the second input of the power supply.OR
 - Connect A/L1 with one input of the power supply.
 - Connect B/L2 with the second input of the power supply.
5. Use the short fan out of the Voltage Test Lead, 3-phase + N. Plug the connector A/L1 into the socket A/L1 of the voltage measurement inputs of the Logger. Repeat this with B/L2, C/L3 and N.

- For measurement connection to the Logger (see Figure 7A):

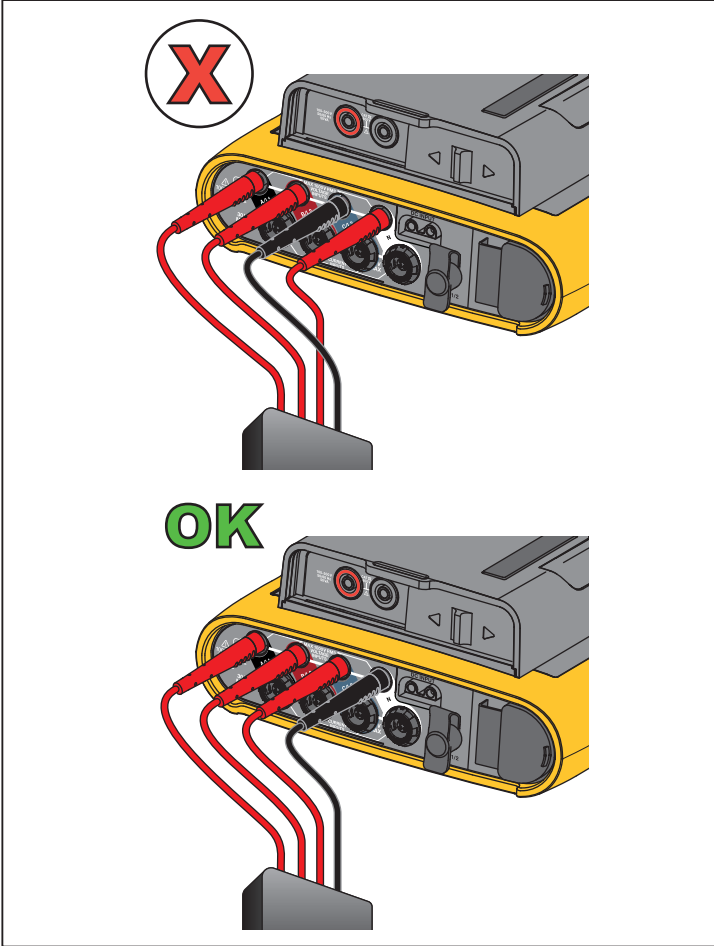


Figure 7A: Measurement connection to the Logger

- To supply power to the Logger from installations with neutral voltage (see Figure 7B):

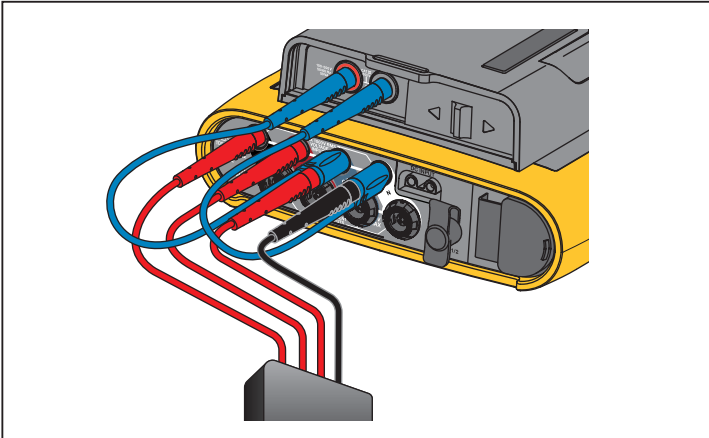


Figure 7B: Measurement with neutral voltage and supplying instrument power.

Note

On single-phase systems, use the set of 1.5 m test leads (item 8 in Figure 7).

6. Connect the voltage inputs to the test points.
The Logger automatically turns on and is ready to use in <30 seconds.

- To supply power to the Logger from installations without neutral voltage (see Figure 7C):

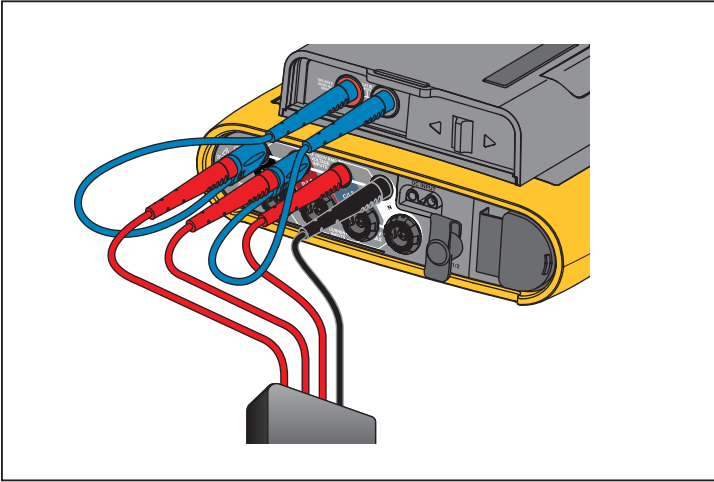


Figure 7C: Measurement without neutral voltage and supplying instrument power.

Note

On single-phase systems, use the set of 1.5 m test leads (item 8 in Figure 7).

7. Connect the voltage inputs to the test points.
The Logger automatically turns on and is ready to use in <30 seconds.