

# Manual Supplement

Manual Title: 3540 FC Users

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

## Change #1, 597

On pages 14 and 15, 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):

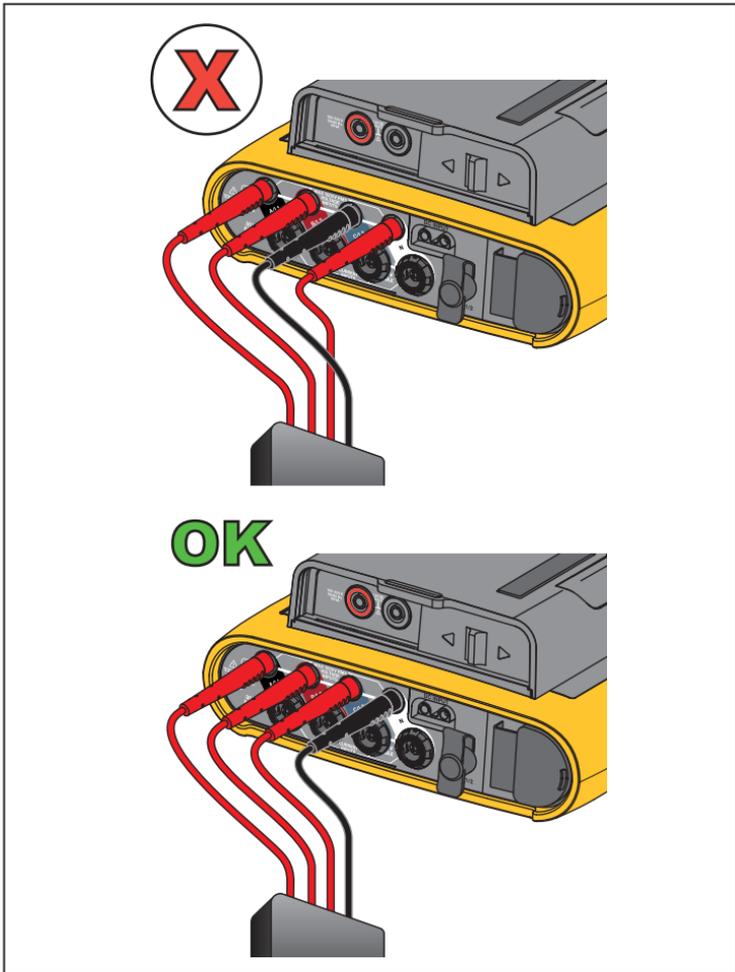
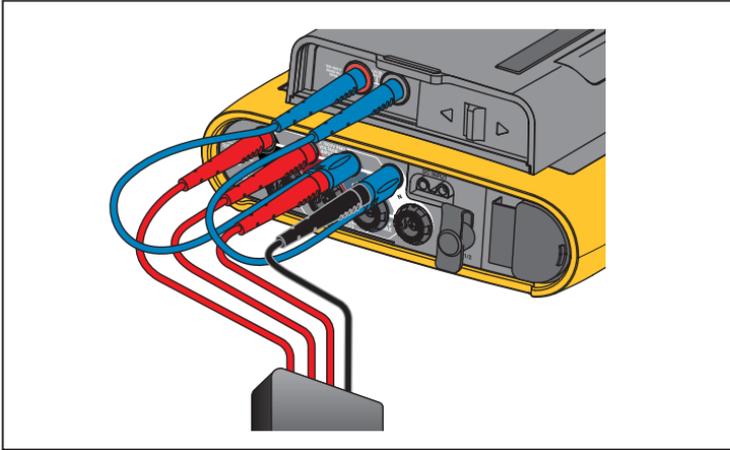


Figure 7A: Measurement connection to the Logger

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



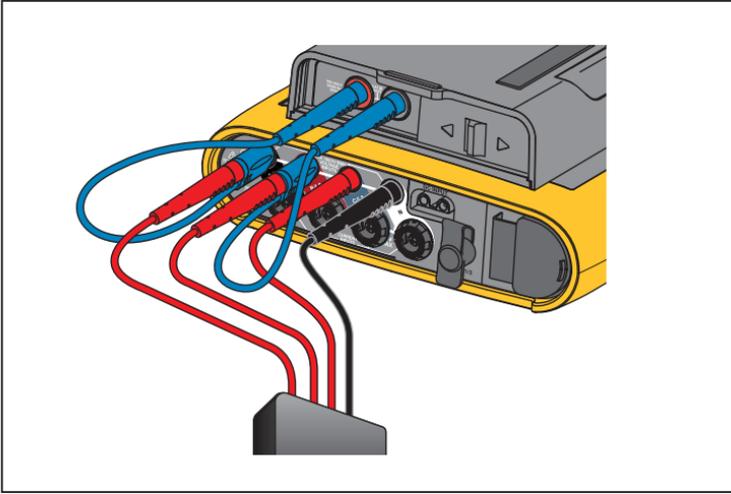
**Figure 7B: Measurement with neutral voltage and supplying instrument power.**

*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.