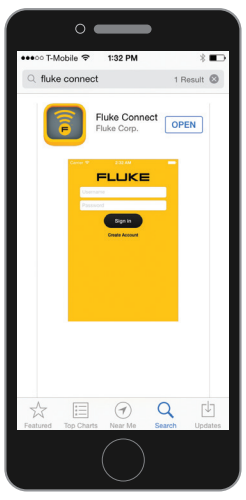
3540 FC
3 Phase Power Monitor

Quick Reference Guide

Includes setup information and basic operation for the 3540 FC 3 Phase Power Monitor.

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

1 Install Fluke Connect® Mobile App.



iOS

Android

a. Start the Fluke Connect Mobile App.

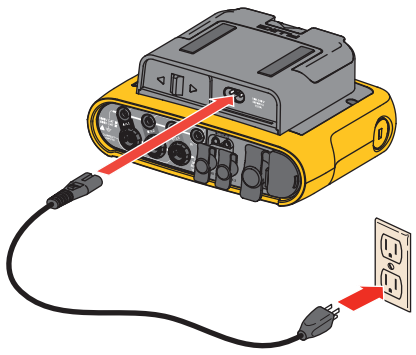
b. Log in to the app.

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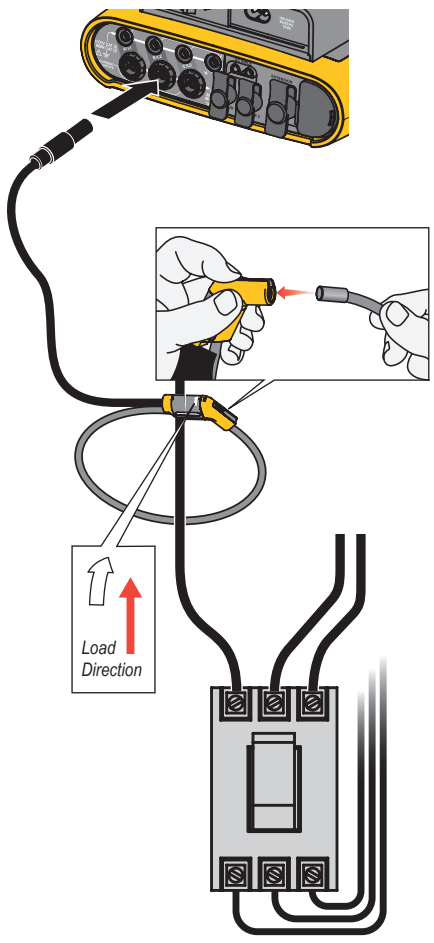
The 3540 Monitor is designed to communicate only with the Fluke Connect® Condition Monitoring software. WiFi or cellular service is required to share data. Smart phone, wireless service and data plan not included with purchase. Mobile device compatibility details can be viewed at fluke.com/phones.

2 Set up the Monitor

a. Connect to power source.



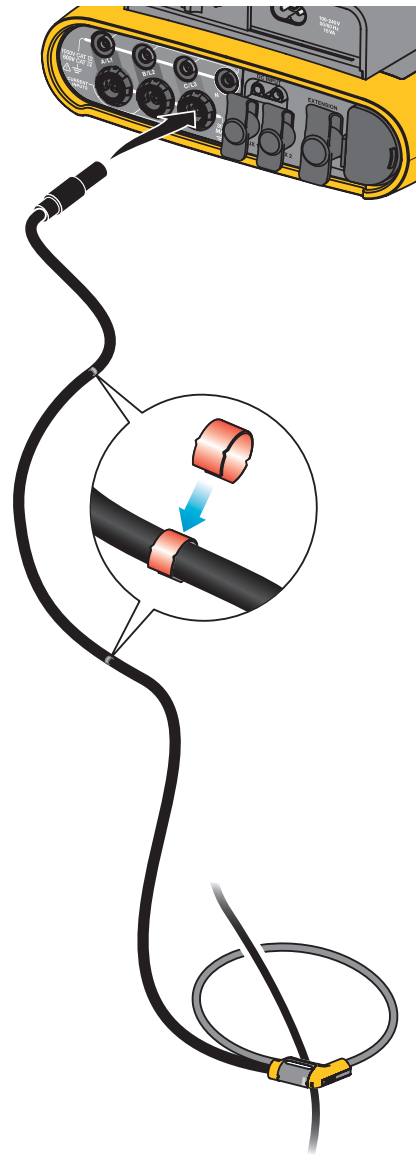
b. Install the clamps.



c. Hanger Kit: Combination Monitor/Power Supply



3 Clamp Color Coding



4 Set up Condition Monitoring Session

For **remote monitoring** with a reliable internet connection, go to **sequence A**.
When an internet connection is not available, go to **sequence B** for **local logging**.

A. REMOTE MONITORING

STEP 1.

MONITOR / LOGGER *Monitor/Logger is default mode at power on.*



WiFi access point for the mobile device.

(Configure)
a. F1
Configure 3 Phase measurement settings. Push **BACK** to return to the Monitor/Logger Screen.

(Verify)
b. F2
Verify correct connection of leads and clamps. Push **BACK** to return to the Monitor/Logger Screen.

(Change Mode)
c. F3
Select **SESSION SETUP** > SAVE ENTER.

STEP 2.



Connect mobile device by WiFi to 3540 FC.

Follow the prompts in the Fluke Connect Mobile App to assign the asset and set alarm limits for the 3540 FC.

STEP 3.



Connect 3540 FC to internet through WiFi.

a. Select **REMOTE MONITORING** > SAVE ENTER to configure WiFi and Fluke Connect access.

Push **BACK** to return to the Monitor/Logger Screen.

b. Touch **START MONITORING**.

The Monitor continues to send data to the Fluke Connect Cloud until the session is stopped.

c. Touch **STOP MONITORING** to stop the session.

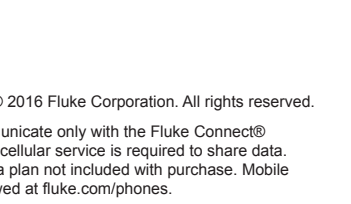
STEP 4.



Connect mobile device to internet by WiFi or cellular.

Receive alarm notification or view graph of measurements.

Fluke Connect app and Cloud Service sync all the session settings.



Measurements

B. LOCAL LOGGING

STEP 1.

MONITOR / LOGGER *Monitor/Logger is default mode at power on.*



WiFi access point for the mobile device.

(Configure)
a. F1
Configure 3 Phase measurement settings. Push **BACK** to return to the Monitor/Logger Screen.

(Verify)
b. F2
Verify correct connection of leads and clamps. Push **BACK** to return to the Monitor/Logger Screen.

(Change Mode)
c. F3
Select **SESSION SETUP** > SAVE ENTER.

STEP 2.



Connect mobile device by WiFi to 3540 FC.

Follow the prompts in the Fluke Connect Mobile App to assign the asset and set alarm limits for the 3540 FC.

STEP 3.



a. Select **LOCAL LOGGING** > SAVE ENTER. Push **BACK** to return to the Monitor/Logger Screen.

b. Touch **START LOGGING**.

The Monitor continues to log data until the session is stopped.

c. Touch **STOP LOGGING** to stop the session.

STEP 4.



Connect mobile device by WiFi to 3540 FC.

a. Follow the prompts in the Fluke Connect Mobile App to download logged data to the mobile device.



Connect mobile device to internet by WiFi or cellular.

b. Receive alarm notification or view graph of measurements.

Fluke Connect app and Cloud Service sync all logged data and session settings.