

Quick Setup - Three Phase Control

Apply power to the line and the electronics power supply. The displays will read **LoAd** **----**. If line is not connected, you may continue to program but display will show a line alarm and baseline voltage cannot be automatically programmed.

- 1) To begin programming, enter the Setup Page holding **■** **◀** keys for 2 seconds.
- 2) The control algorithm is to be set. Press **▲** key until the display reads **SEt** **AL9o** then press **▶** key until **AL9o** is in lower display.
Select one of the following using the **▲** key.
 - cont** dc contactor
 - OFF** non-operational (factory default value)
 - Ftb** fixed time base, zero cross
 - Urb** variable time base, zero cross
 - PH2t** phase anglePress **◀** to go back to **SEt** **AL9o**.
- 4) The control signal is to be set. Press **▼** key until **SEt** **Ctrl** is displayed.
Press **▶** key until **Ln** is in lower display.
Using the **▲** key, select input signal type:
 - nnR** current (factory default value)
 - UoLt** voltage
 - d.9** keyboard or comms
 - OFF** off
- 6) The signal range is to be set or fixed.
 - A) For choices of milliampere or volt, press **▶** key until **nnR.** or **UoL.** is in lower display. Enter the lower signal range provided using **▲** or **▼** key. Press **▶** key until **nnR** or **UoL** is in lower display. Enter the upper signal range provided using **▲** or **▼** key.
 - B) For choices of keyboard or comms, press **▶** key until **dFLt** is in the lower display. Enter the value using the **▲** or **▼** key.
- 7) The baseline voltage is to be set. Press **▶** key until **bL.u** is in lower display. Using the **▲** or **▼** key, enter the nominal AC line voltage present at the top of the Power Series (like 120, 480 or 600). Alternatively, you may have the Power Series learn voltage value by pressing the **▶** key to **LrnU**. Using the **▲** or **▼** key, select **FE9** and the Power Series will set the baseline voltage to that measured. Line voltage compensation, under voltage alarm, and some internal operating parameters not referenced here are based on this value.
- 8) The load type is to be set. Press **▶** key until **TYPE** is in lower display.
Using the **▲** key, select load type:
 - 2L.d** 3 ph, 2-leg delta (PC2x-xxxx-xxxx)
 - 2Lod** 3 ph, 2-leg open delta (PC2x-xxxx-xxxx)
 - 2Lu9** 3 ph, 2-leg ungrounded wye (PC2x-xxxx-xxxx)
 - nonE** unconfigured (PC2x-xxxx-xxxx, PC3x-xxxx-xxxx, PC4x-xxxx-xxxx)
 - 3L.d** 3 ph, 3-leg, 6 SCR inside delta (PC3x-xxxx-xxxx)
 - 3L.d** 3 ph, 3-leg, 6 SCR delta or ungrounded wye (PC3x-xxxx-xxxx)
 - 3L99** 3 ph, 3-leg, 6 SCR grounded wye (PC4x-xxxx-xxxx)
- 9) Press **■** key to exit setup page and start the Power Series.
- 10) Other settings may be required based on your application.

Note on navigation: Use **■** **◀** keys to get into the setup page and **■** key to return home or if in the display loop, use to move between like prompts of different zones or phases.

Press **▼** or **▲** key to find a specific menu in a page. The menu appears in the upper display and the page title remains in the lower display.

Press **▶** key to enter the list of parameters in the menu displayed on top. The menu's parameters now will appear in the lower display and the values in the upper display. To navigate backwards through the parameter list, press **◀** key. When back at the page level, again use the **▼** or **▲** key to find a specific menu on a page.

Press **▼** or **▲** to select a value, either alpha or numeric, within a specific parameter while in a menu.