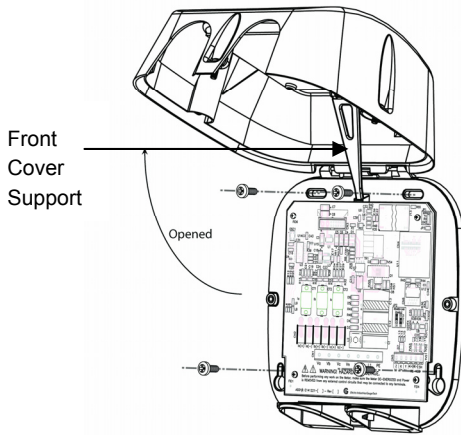
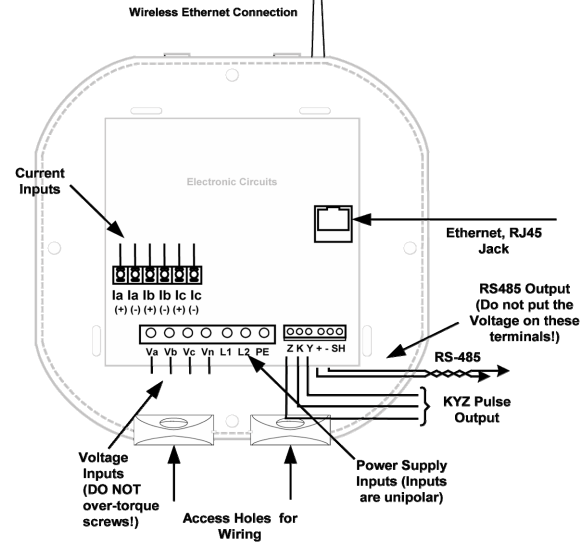


Mechanical Installation

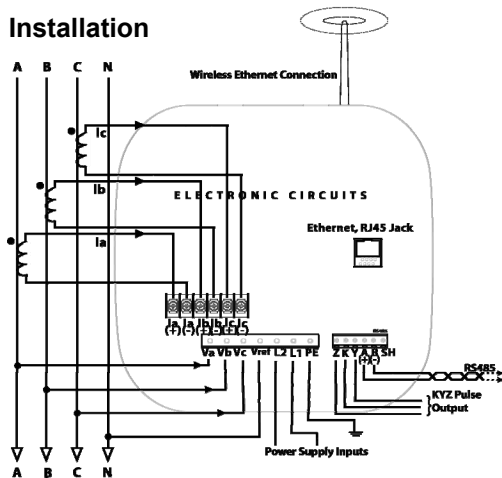


Meter Opened - All wiring is done with the cover as shown. The front cover support fits into its base. Do not rest the support on the board assembly, and make sure the support is up before closing the front cover.

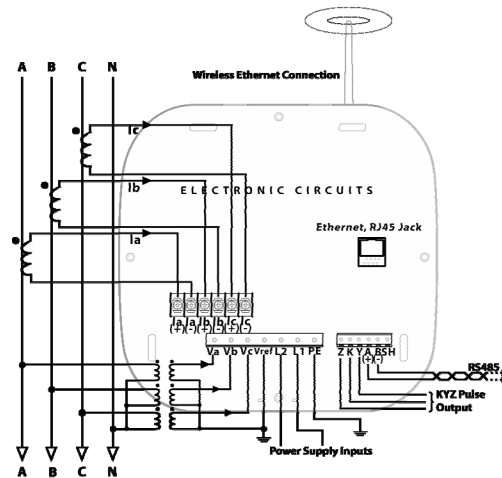


Communication Connections - RS485, Ethernet and KYZ Pulse

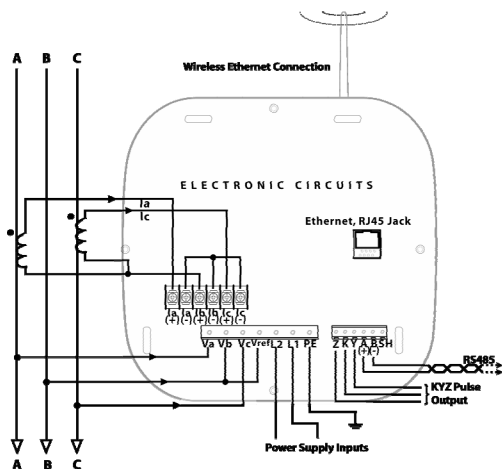
Electrical Installation



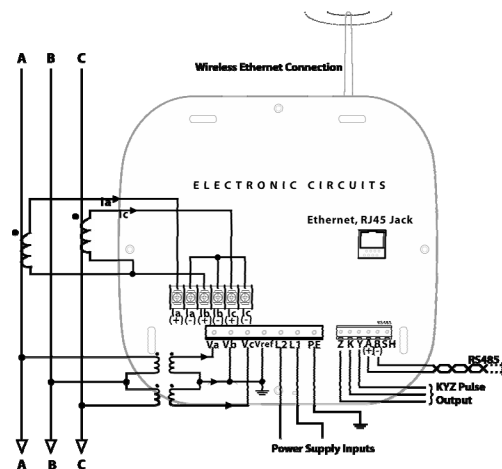
WYE Direct 3 Phase, 4-wire



WYE with PTs 3 Phase, 4-wire



DELTA Direct 3 Phase, 3-wire

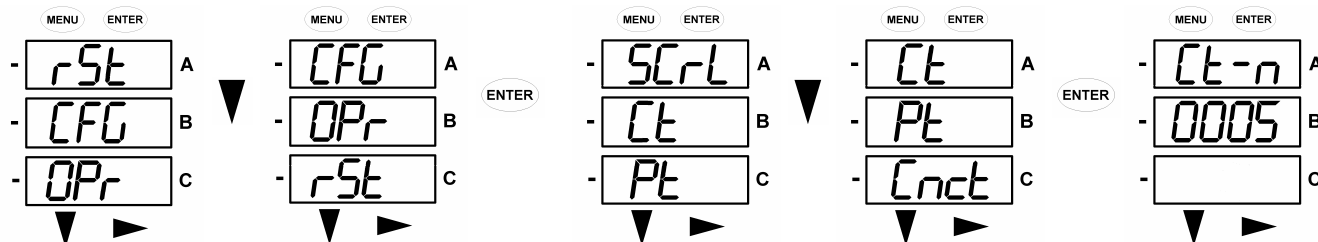


DELTA with PTs 3 Phase, 3-wire

Program Settings Using the IQ 150S/250S Meter Faceplate Buttons

■ Configuration Mode Using Buttons: MENU, ENTER, DOWN (Arrow) and RIGHT (Arrow)

Push **MENU** from any Readings screen. The MAIN MENU screens appear. Push **DOWN** and the Configuration Mode String (CFG) blinks in A Screen. Push **ENTER**. The Configuration Mode **Scroll, CT, PT** screen appears. Push **DOWN** to scroll to **CT, PT, Cnct**.



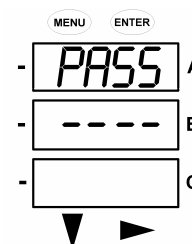
■ Enter Password

All parameters in Configuration Mode (except Scroll) require a 4-digit PASSWORD to change a setting. On the CT, PT, Cnct screen, push **ENTER**. The Ct-n screen appears. Push **DOWN** and the Password screen appears.

Four dashes appear in the B Screen. The left digit flashes. Use the **DOWN** button to change the digit.

Use the **RIGHT** button to move to the next digit. Push **ENTER**.

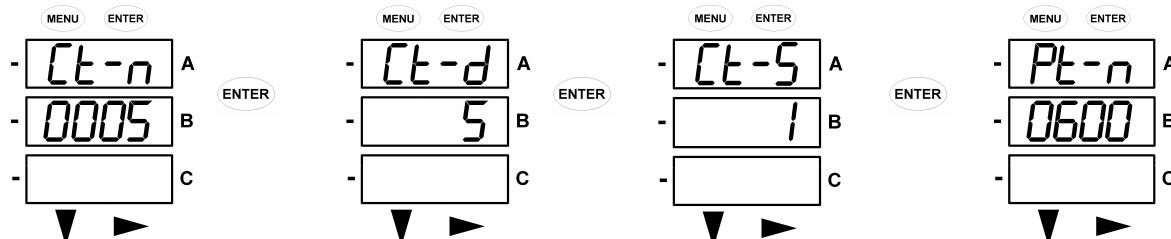
If the **correct Password** was entered, you return to the Ct-n and the left digit of the setting flashes (ready for change).



■ Configure CTs (Example Screens) and PTs

There are 3 CT Screens: Ct-n (Numerator), Ct-d (Denominator) and Ct-S (Scaling). PT Screens are similar.

Push **DOWN** to scroll from 0 to 9 to enter a new digit. Push **RIGHT** to move to the next digit. When the new setting is entered, push **ENTER**. The Ct-d screen is **PRESET** at the factory and **cannot be changed**. Push **ENTER**, repeat steps for Ct-S. Push **ENTER**. PT Configuration Screens will appear next, then Connection (Cnct) screens.



Example CT Settings:

200/5 Amps:
800/5 Amps:
2,000/5 Amps:
10,000/5 Amps:

Set the Ct-n value for 200, Ct-S value for 1.
Set the Ct-n value for 800, Ct-S value for 1.
Set the Ct-n value for 2000, Ct-S value for 1.
Set the Ct-n value for 1000, Ct-S value for 10.

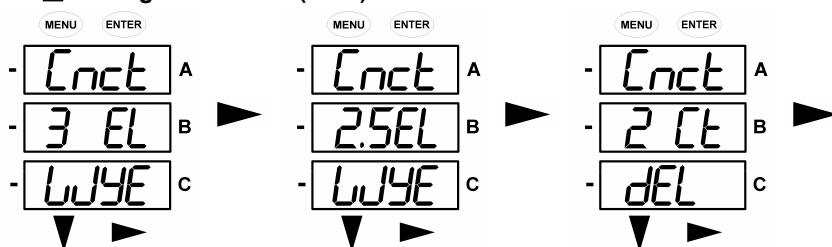
Example PT Settings:

14,400/120 Volts:
138,000/69 Volts:
345,000/115 Volts:
345,000/69 Volts

Pt-n value is 1440, Pt-d value is 120, Pt-S value is 10.
Pt-n value is 1380, Pt-d value is 69, Pt-S value is 100.
Pt-n value is 3450, Pt-d value is 115, Pt-S value is 100.
Pt-n value is 345, Pt-d value is 69, Pt-S value is 1000.

NOTE: For further details, refer to the *IQ 15S/250S meter User and Installation Manual*, on the enclosed CD.

■ Wiring Connection (Cnct)



When you have finished programming the IQ 150S/250S meter: Use **RIGHT** to scroll settings. Push **MENU** twice and Stor ALL? YES appears. To store all settings, push **ENTER**. Stor ALL DONE appears.

Or, if you do not want to store the new settings, push **RIGHT** to Stor ALL? no. Push **ENTER** and return to Auto-Scroll Parameter Designators.