

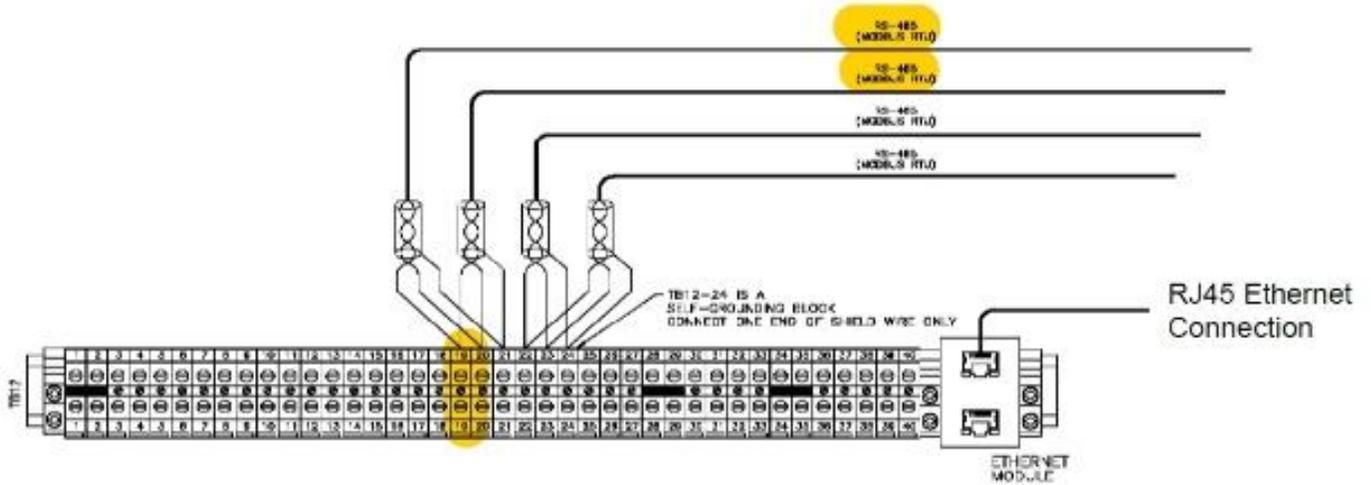
1. Unpack the monitor and antenna. The data/power cable will be attached to the monitor. This cable includes wires to power the monitor as well as wires for alarm inputs, relay outputs and analog inputs. Take a moment to inspect all components to verify there is no shipping damage.
2. Place the antenna vertically on the roof of the generator and route the antenna cable into the area of the generator control. The antenna used for transmitting must be installed to provide a separation distance of at least 20 cm from all persons and must not transmit simultaneously with any other antenna transmitters. BE SURE to provide a drip loop lower than the monitor to keep water from running down the antenna cable into the monitor connection.
3. Attach the monitor via its magnetic feet, on top of the engine controller or other appropriate location. Horizontal surfaces are best, but the unit may be mounted vertically or even upside down if necessary. *Note: If mounted vertically, install the monitor with the cables down to prevent water from entering the enclosure.*
4. Route the data/power cable through the cable entry on the bottom of the generator control.
5. Red wire connection to Battery +; Black wire connection to Battery -
6. The monitor can connect to the **APM603** via an optional basic relay kit that could be used with a hardwired connection, or through a 2-wire (RS485) Modbus connection. The Modbus connection offers greater diagnostic capabilities with the OmniMetrix system.
7. To utilize the Modbus capabilities of the **APM603**, connect the OMNI white (Data+) and green (Data-) wires to the Customer Connection Terminal Strip as shown in the diagram on Page 2. The OMNI White wire lands on Terminal 20 and the Green wire lands on Terminal 19.
8. **If a Kohler Annunciator is used, it lands on Terminals 22 and 23. The APM603 supports both the OMNI and RSA simultaneously!**
9. Attach the antenna cable to the front of the monitor and tighten thumb tight.
10. Allow 15 minutes for the monitor to log into the network and then call OmniMetrix at 770-209-0012 to confirm installation. Access to machine data is through the OmniView® web interface at [www.omnimetrix.net](http://www.omnimetrix.net). Contact OmniMetrix for login instructions and web training.



TrueGuard-Pro Monitor



Kohler APM603 Controller



GM02094

|                    |    |        |   |
|--------------------|----|--------|---|
| CUSTOMER INTERFACE | 19 | A (-)  | ISOLATED<br>RS-485 #3<br>(MODBUS/PGEN)    |
|                    | 20 | B (+)  |   |
|                    | 21 | SHIELD |   |
| CUSTOMER INTERFACE | 22 | A (-)  | NON-ISOLATED<br>RS-485 #4<br>(MODBUS RSA) |
|                    | 23 | B (+)  |   |
|                    | 24 | SHIELD |   |

OmniMetrix Data wires:  
- Green wire  
+ White wire

