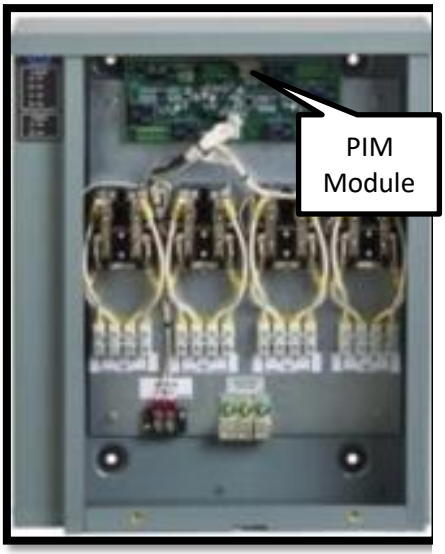
**TrueGuard-2™ is for use on 12v systems only.**

1. Drill a hole in the PIM enclosure according to the installation instructions on page 2 of Kohler document TT-1584 2/12a to accommodate the OmniMetrix® 15-pin Data/Power cable. Refer to the Kohler PIM wiring table on the following page for wiring instructions.
2. The programmable Kohler PIM Module provides 6 on-board relays that provide connection points for the following alarms:
   - PIM Output 1: Generator Running
   - PIM Output 2: Common Fault
   - PIM Output 3: Not in Auto
   - PIM Output 4: Not on Utility Power
3. The Kohler manual lists the alarms that can be programmed to each output. Please note that OmniMetrix will need to be informed if the PIM relays are programmed to provide different alarms in order to ensure the OmniView® system matches the alarms configured at the generator. If Generator Running status can be determined, Generator Hours can also be tracked.
4. Connect the 15-Pin connector, attached to the integrated cable of the OmniMetrix monitor, into the mating, front panel connector on the controller.
5. Using the magnetic feet, affix the OmniMetrix monitor to the generator enclosure or other appropriate, internal 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.*
6. Attach the antenna cable to the monitor's front panel connector.
7. If a Kohler RXT Transfer Switch is included and wired through Kohler RBUS in the system, 'ATS to Fail to Transfer Alarm' and /or 'Emergency Power System Supplying Load' could be programmed as PIM outputs.
8. To program the RCD2 Controller, the Kohler Sitetech Software is required.
9. Call OmniMetrix at 770-209-0012 to confirm installation. Access to machine data is through the OmniView web interface at www.omnimetrix.net. Contact OmniMetrix for login instructions and web training.


TrueGuard-2™ Monitor

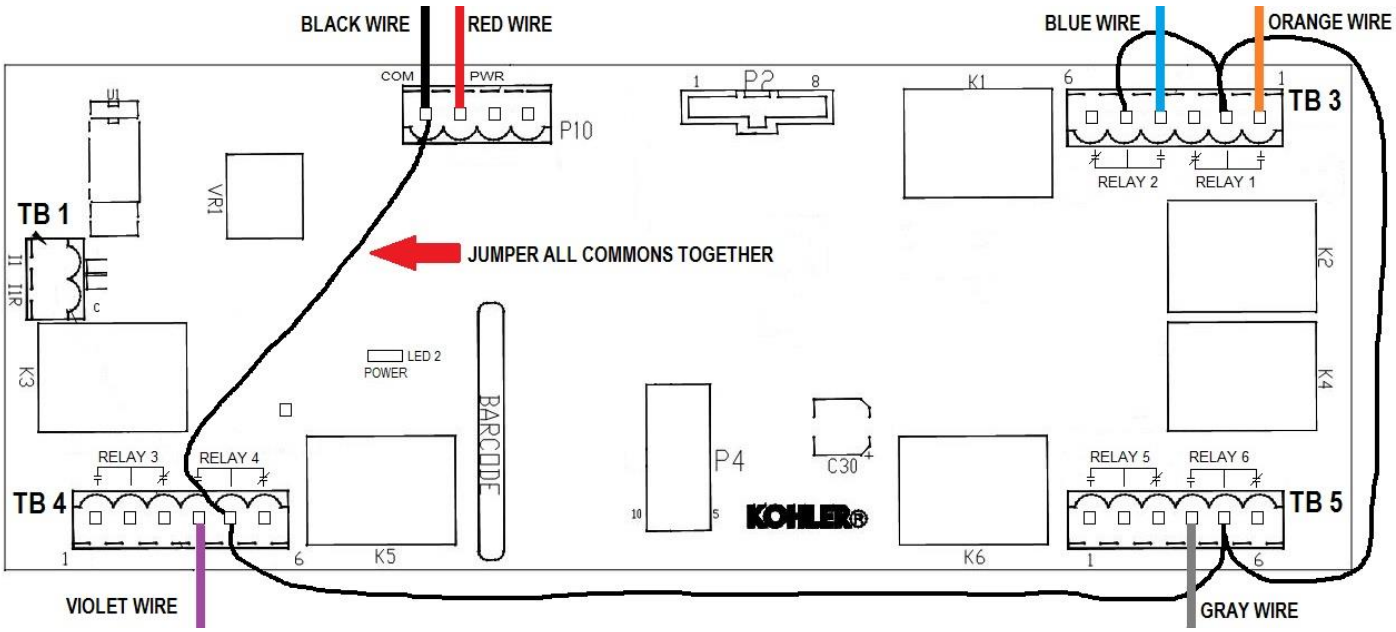



Kohler PIM Module installed

TrueGuard Kohler PIM Wiring Table

| Wire Color | Normal State | Alarm State | Kohler PIM | Terminal Number |
|---|---|---|---|---|
| **Orange** | Generator Stopped | Generator Running | **Relay 1** Normally Open Pin | TB3 |
| **Blue** | Common Alarm Test OK | Common Alarm | **Relay 2** Normally Open Pin | TB3 |
| **Violet** | In Auto | Not in Auto | **Relay 4** Normally Open Pin | TB4 |
| **Gray** | On Utility Power | Not on Utility Power | **Relay 6** Normally Open Pin | TB5 |
| **Black** | | | Common Ground* | P10 |
| **Red** | | | Power + Vdc | P10 |

*Each relay's *common* connection must be connected to Common Ground (see diagram below).



## LED Behavior:

The BLUE LED will illuminate at boot up (stay on). The LED will start blink rapidly, on/off every 1/2 second, once the modem is connected to an available tower. The LED will begin to blink more slowly, three seconds on, three seconds off, once the modem has connected to the OmniMetrix server. Note: The BLUE LED is an indication of network service. If it continues to stay illuminated (on), please check the SIM card, antenna, and signal strength.

The Red LED illuminates approximately 20 seconds after the Blue LED illuminates. A solid Red LED indicates the unit is trying to log into our server.

After approximately 20 seconds, Red LED turns off and the Green LED illuminates for 3 seconds. This indicates the unit has logged into our server.

The Red LED or Green LED flashes after login: Short Green LED flashes indicate the monitor is getting data; Long flashes of the Red LED indicate failure.

**Signal Strength:** LED signal strength indication is provided at login and routinely during operation, using the Red & Green LED's as follows:

1. The Red & Green LED's flash rapidly for 2 seconds to indicate the beginning of the "Signal Strength" routine.
2. Next, the LED(s) will stay fully illuminated 2 seconds to indicate the current signal strength:
    a. Solid Red LED only = below 10
    b. Solid Red & Green LED's = 10~60
    c. Solid Green LED only = greater than 60.
3. To complete the Signal Strength cycle, the Red & Green LED's flash rapidly again for 2 seconds, then stop (end of cycle).

**If you have any questions, please call OmniMetrix Tech Support at 770-209-0012 or email at techsupport@omnimetrixconnect.com**