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 25 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 six on-board relays that provide connection points for the following alarms:
   - PIM Output 1: Generator Running
   - PIM Output 2: Common Fault
   - PIM Output 3: Low Battery Voltage
   - PIM Output 4: Not in Auto
   - PIM Output 5: Cool Down
   - PIM Output 6: Normal Source Failure

3. The above PIM outputs are the factory default settings. 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. Attach the cable to the front of the OmniMetrix monitor by plugging the 25 pin connector on the cable onto the front panel connector.

5. Attach the OmniMetrix monitor to the generator control enclosure 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.*

6. Attach the antenna cable to the front panel.

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.

Data/Power Cable
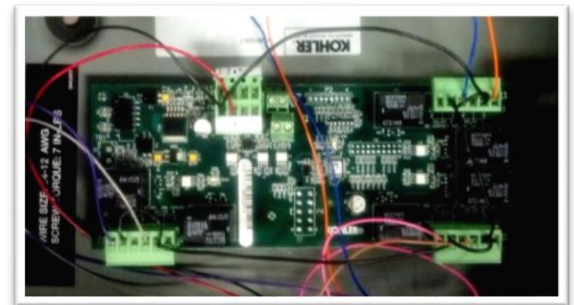
Kohler PIM

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	Battery Voltage Test OK	Battery Voltage Low	**Relay 3** Normally Open Pin	TB4
Pink	In Auto	Not In Auto	**Relay 4** Normally Open Pin	TB4
Gray	Generator not in Cool Down	Generator in Cool Down	**Relay 5** Normally Open Pin	TB5
Tan	On Utility Power	Not on Utility Power	**Relay 6** Normally Open Pin	TB5
Black			Common Ground*	P10
Red			Power + Vdc	P10

Kohler PIM Wiring Table

*Each relay must be jumpered to Common Ground. Refer to 'Kohler PIM' photo on page one.

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