Why customers select the RIO 425

- Provides flexibility to integrate differing applications into a standard package
- Connects to DCU via simple two wire twisted pair
- Displaying AC parameter on DCU eliminates need for separate AC panel
- Can be placed in alternator terminal box to reduce complex wiring runs
- “Plug and Play” when linked to a DCU
- Easy to configure to whatever CT / PT’s present
- No on site configuring required
- No dedicated software or cables required
- Simple installation and commissioning

At a glance

- Phase and line voltages up to 520VAC
- Phase to neutral voltages up to 300VAC
- Phase currents
- Frequency
- Power factor
- Total KW electrical
- Local LED display aids installation and troubleshooting
- Configurable turndown ratios
- Provision for single 85 – 265V max power supply
**Features and Benefits**

- **Simplified Generating Set build**
  - One supervision panel required
  - Use of standard current and voltage transformers
  - DIN rail mounting
  - Single point sourcing
  - Reduced wiring scope

- **Simplified Installation**
  - Easily configured turndown ratios
  - Mounted in terminal box with simple two wire twisted pair connection to DCU
  - Integrated Unit display on RIO 425 aids installation
  - Configurable turn down ratios
  - Common communication reduces interfaces

- **Ease of Communication**
  - Modbus communication to DCU via just two wires
  - Configurable display on DCU and RP 410 units

- **Ability to Network**
  - Automatically configured by DCU
  - Allows data to be placed upon an Ethernet network
  - Single point for Alternator integration
  - Ability to provide clear and immediate service data

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**Ordering Info**

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