PowerSight

SureStart™
"For Error-Free Logging"

Order Number:
standard feature

SureStart™ eliminates connection and setup errors

Introduction
One of the biggest problems in monitoring commercial power is discovering at the end of the study that the data is flawed or useless due to connection or setup errors:

SureStart™ is a program employing patent pending technology that applies artificial intelligence to automatically identify what type of power system is present and identify what errors in connections or setups are probably present. It is advanced beyond any other system in three ways:

- It makes these determinations regardless of the power system type
- It does this even in the presence of multiple connection or wiring errors
- It presents the results in clear English statements.

No longer do you need to worry about whether your setup was right or your connections were correct. No longer do you need to study waveforms, phasor diagrams, or magnitude and phase measurements prior to leaving your monitoring device. Even the most knowledgeable professional makes errors in setup and connection. Even if the connections are correct, the wiring of the system may not be, and you need to know that before monitoring has begun.

Types of Errors that may be present
Here are examples of errors that SureStart™ automatically detects when connected to single-phase, two-phase, wye, delta, 4-wire delta, grounded delta, open delta, DC, and other power systems:

- One two, or three voltages not connected
- One, two, or three currents not connected to the source cables
- One, two, or three currents not connected to the meter
- Two or three connections to the same voltage
- Two or three connections to the same current
- Voltages misidentified
- Currents misidentified
- One, two, or three current sensors backwards
- Two voltage connections switched
- Two current probes switched
- All voltages rotated one position left
- All voltages rotated one position right
- All currents rotated one position left
- All currents rotated one position right
- One, two, or three phases not present
- One phase being presented as two or three phases
- One or two phases shorted to neutral or ground
- Neutral not connected to ground
- Non-standard voltage due to improper loading
- Non-standard voltage due to power system problem
- Non-standard frequency due to power system problem
- Non-standard phase shift between phases due to power system problem
- Improper frequency or voltage mode setting in the meter
- Improper input ratios in the meter
- and finally, combinations of all the above listed errors.

SureStart™, combined with our SurePower™ and SureSense™ technologies, provides the most reliable operating platform in the industry for monitoring power. Take a step towards peace of mind and useful results, with SureStart™.

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