

Telemetric Solutions for the Utility Industry

E.O. Schweitzer LINAM® Fault Indicator



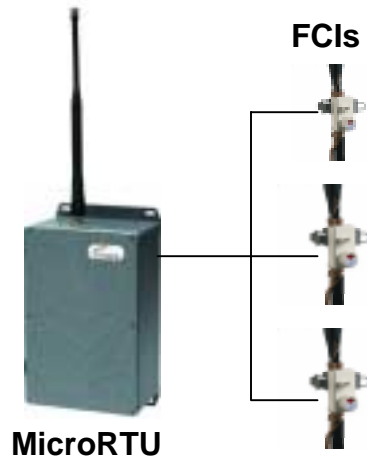
The Telemetric FCI MicroRTU™ is an ideal product for remote monitoring of E.O. Schweitzer LINAM® Fault Indicators. LINAM® is activated by the transient fault current just prior to the de-energization of the circuit by the protective device (fuse or circuit breaker). LINAM® is equipped with an indicator that requires the line-crew to visually inspect each FCI to determine if it is in a fault indicating state. Of course, it takes time for the line-crew to sequentially perform these inspections

By adding the MicroRTU to LINAM®, operations personnel can be notified by email, pager, text messaging or voice with the time and location of the fault. Optionally, these alarms can be sent to a SCADA system

Using multiple inputs, LINAM® Fault Indicators can be monitored for each phase.

Features:

- Combined MicroRTU™, communications and Web access in a single solution. No special software or airtime contracts required.
- Access via the Telemetric web application access or your SCADA system.
- Four digital inputs monitor the dry contact closures that indicate faults.
- AC Line Voltage Monitor reports under and over voltage conditions as well as momentary and continuing power outages (AC powered models only)



- Optional analog inputs can be used to monitor voltage or current values. Optional relay outputs can provide control capability, such as resetting a current sensor, if available.
- Optional analog inputs measure 0-5 VDC, 4-20mA DC, or 0-10 VAC.
- Units are powered by 120 VAC. An optional solar power supply is available with a 12 V battery charging system.

The MicroRTU communicates using the cellular data network. This provides coverage to over 98% of the population in North America and Mexico. Airtime and Data access fees begin at \$6 per month.

Installation:

Wire the auxiliary dry contact closure from the LINAM® into the digital input terminal block of the MicroRTU. See the adjacent diagrams. The example below shows three FCI's connected to the MicroRTU.

