

LIGHTING INVERTERS - #09

Advanced Remote Monitoring via MODBUS

Emergency Egress Lighting Systems are critical to the safety and well-being of employees and visitors in a commercial or industrial facility during an emergency. As an integral component in the facilities' Life Safety Design, required monthly and yearly testing ensures that the Egress Lighting Systems perform reliably when required.

Trystar offers monitoring via MODBUS, compatible with facility monitoring and building management systems.

1. **NetMinder*** is an internal communication module available on inverters with a basic monitor. The NetMinder allows inverter status to be monitored via a MODBUS TCP or MODBUS RS485 network. If the inverter is not functioning properly, notification is given.
2. **Intellistat** is an advanced local monitoring system that provides programmable, automatic, unattended NFPA 101 required testing (including the light bulbs) with 2 years of data logging. Maintaining NFPA 101 requirements is a critical component of keeping the facility up to code and liability insurance intact.
3. **Intellistat with Network Communications*** provides all the **Intellistat** features listed in item 2 above, plus monitoring of inverter status via MODBUS. This includes monthly and yearly inverter test results, and whether a monitored output breaker has tripped. If the inverter is not functioning properly, notification is given.

**Customer supplied MODBUS TCP or RS485 connection required.*

Hospitals - Industrial Facilities - Manufacturing Plants - Utilities

* INVERTER FAILURE

* MONITORED BREAKER TRIP



