Kidde Fire Systems

REL-iON™

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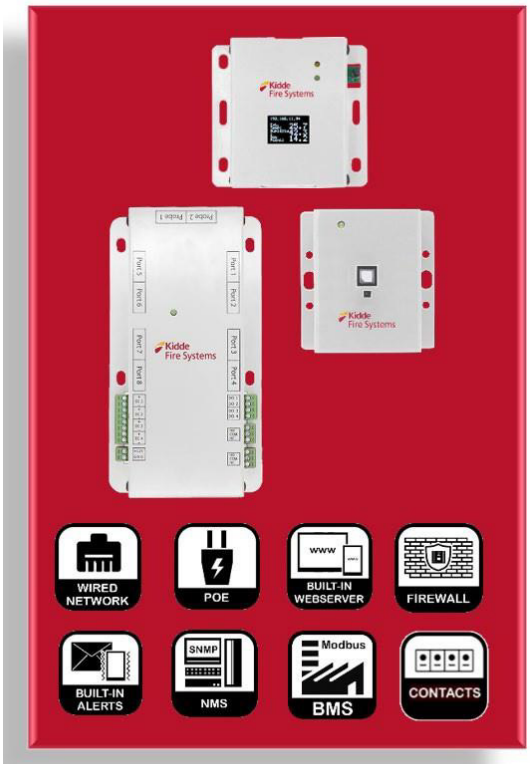
Battery Monitoring System



Kidde Fire System's REL-iON™ Battery Monitoring System is a modular sensor platform designed to detect potential failures in mission critical applications, such as Battery Energy Storage Systems (BESS), Switchgears, Data & Network infrastructure, etc.

With an array of over 80 REL-iON™ sensors capable of detecting thermal, environmental, power and mechanical abuses, our platform delivers real-time data, empowering you to address anomalies proactively, preventing them from escalating into potentially devasting problems.

REL-iON™ Key Features Include:

Centralized Control - Sensor/Gateway: One single stand-alone IP based control unit, with bult-in temperature sensor and multiple outputs, such as alerting via email and SMS, Wi-Fi connectivity and more.

Expandable Modular Design - SensorHub: a plug and play unit that expands the base control unit capacity from 2 to 8 ports and adds up to 8 dry contact inputs and outputs for easy integration and third party systems.

Flexilbe - over 80 sensors and add-on nodules, allowing the system to by highly customizable and optimized to detect several different abuse sources and off gassing events.

Easty to Install - Plug and play, Power Over Ethernet (PoE) network architecture, using off the shelf RJ45 CAT6/7 cable.

Easy to Integrate - In addition to dry contact outputs the system can be configured to be integrated with third party systems through several different protocols including Modbus TCP and RTU, and multiple loT-based platforms.

REL-iON™ platform boasts a modular and adaptable architecture, enabling seamless customization to deliver extensive preventive monitoring across a wide range of applications.

Battery Entergy Stoage Systems (BESS)
Busway Run
Chill Rooms
Data Center White Spaces
Data & Nework Infrastrucutre
Electric Rooms
Electric Panels
Electrical Storage Systems
Electrical Substations
IDF & MDF Servr rooms
Micro DC/Outdoor Cabinets
Modular and Edge Data Centers
Solar Panels
Switchgears
Transformers
Wind Turbines

Expanded Connectivity

Designed as a seamlessly integrable platform, REL- iON™ enables effortless data retrieval over IP via SNMP, Modbus TCP or pushed to any IoT cloud via MQTT. Moreover, select sensors are equipped with RS-485 outputs supporting Modbus RTU protocol.

The products depicted here are intended to be used as early warning sensors for information purposes and any preventative or maintenance actions as may be deemed appropriate. The products are listed to codes and standards other than UL 268, UL 521 and other fire codes.

Approved for the following Kidde Fire Systems Panels

- Kidde Fire Systems Conventional and Addressable Control Units

Applications

- Battery Energy Storage Systems (BESS)
- Switchgears
- Data & Network infrastructure & More

Approvals & Listings:

- UL Listed*
- FCC*
- CE Certified*
- ISO*

*where applicable

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