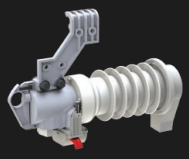


DRC-007

Smart Grid IoT Controller for SIEMENS Fusesaver





SIEMENS Fusesaver (3AD8423)



Core Capabilities

- Remotely Trip/Close the Fusesaver
- Receive Instant Alerts When Faults or Anomalies Occur in Fusesaver
- Monitor Real-time Grid Data for Faster Decision-Making



How Can the DRC-007 Address Challenges in the Distribution Grid Network?

The DRC-007, developed by VP.Start, is the next generation innovation that has the ability to transform the traditional SIEMENS Fusesaver into a state-of-the-art device.

Utilities can monitor real-time data, remote control, and receive alarm notification rapidly.

This smart grid device helps to reduce outages and leakages, reduce operational costs and revolutionize the management of Fusesaver to digital operation.



▲ Installation is quick and easy



▲ DRC-007



What Are the Key Features of the DRC-007?

Remote Control Capability

The DRC-007 provides remote control capabilities to Trip or Close the switchgear of SIEMENS Fusesaver through the RPM Grid or the PLUM App. This advanced function minimizes power disruption, enhances grid stability, and reduces the risks associated with manual operation.

Instant Alarm Notifications

When a fault occurs, the DRC-007 instantly sends an alarm notification to the operator's smartphone or the RPM Grid, enabling rapid response to minimize downtime. The alarms clearly highlight issues such as switchgear off, low battery, open doors and other various issues.

Alarms When Anomalies Occur



Switchgear Off



Battery Low



Door Open

Reporting & Event Logs

This vital function automatically records faults occurring on the powerlines and generates reports for analysis to enhance grid management. Additionally, it also records the users' activities ensuring that the system operations are secured.

Map View

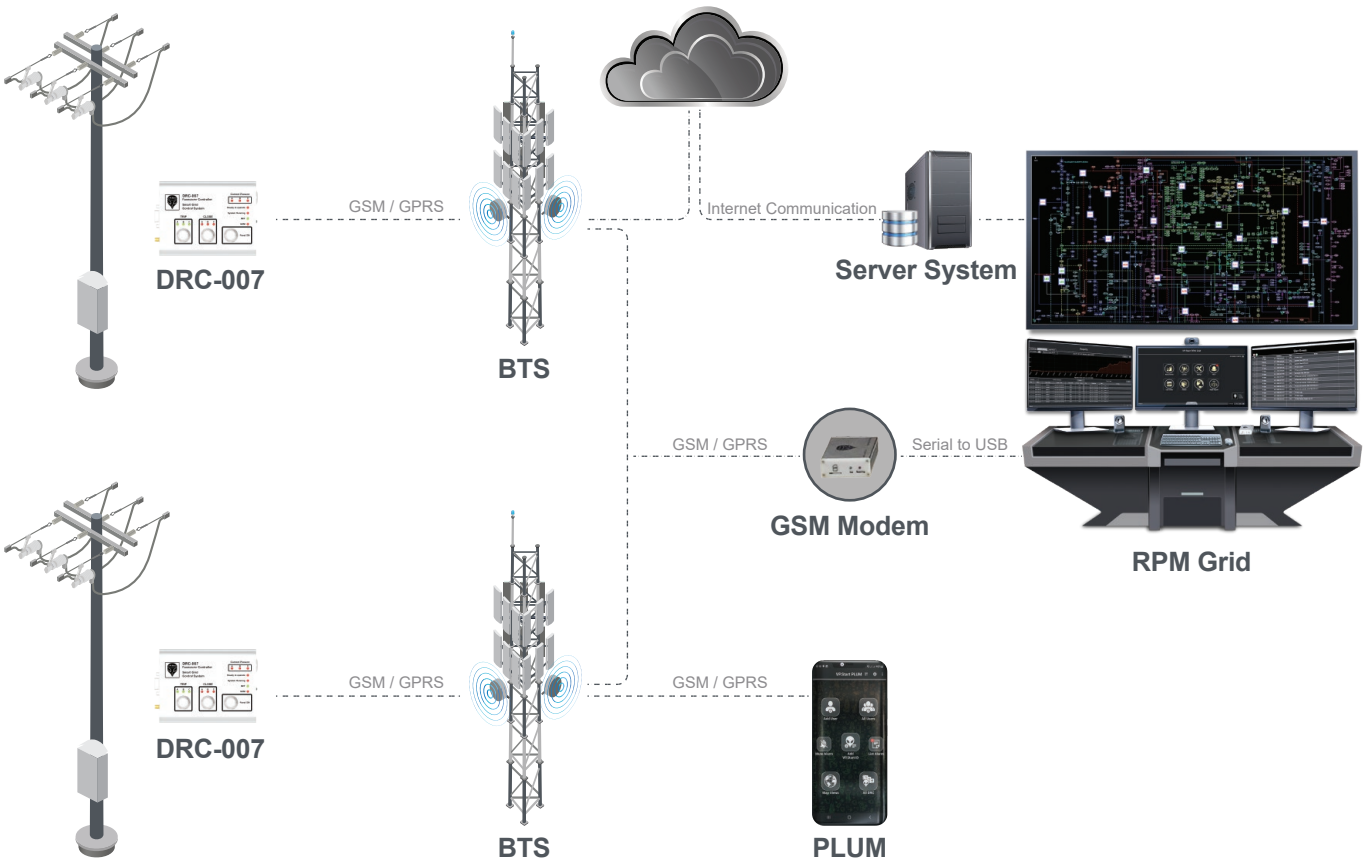
The Map function is a powerful tool that allows operators to locate the Fusesaver using Google Maps. This advanced feature enables quick identification of fault locations, streamlining the troubleshooting process and enhancing operational efficiency.

Single Diagram

Operators can now easily locate the DRC-007 on a clear schematic layout. This intuitive feature simplifies the process of identifying fault locations, providing operators to respond to those issues quickly and efficiently.



System Architecture





▲ DRC-007 Installation