

Carter Machinery Custom Remote Communication Kits

APRIL 2020

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TO WORK.

Emergency Power System Communications

- Carter PSD Engineering- Custom power systems monitoring and control solutions since 2015
- Protocol Converters- Modbus TCP/IP, BACnet MSTP, BACnet IP, SNMP, etc.
 - Converter kits can be integrated with your equipment to match the facility's existing building automation system. Once installed, facility staff can monitor generator and engine telemetry through a remote interface provided by their BAS company.
- Local & Remote HMI Kits
 - HMI kits are custom built for your facility's equipment and can be used by facility staff for JCAHO reporting, remote starting and stopping, generator and engine parameter monitoring, and ATS monitoring.

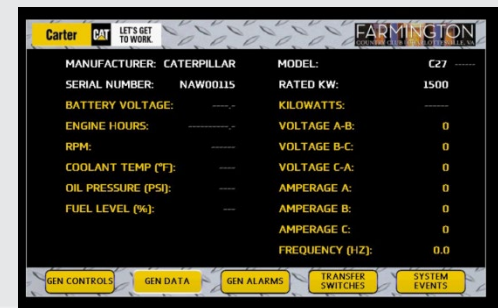
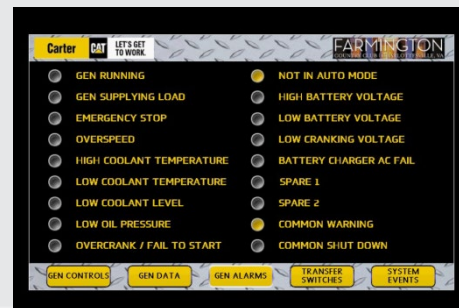
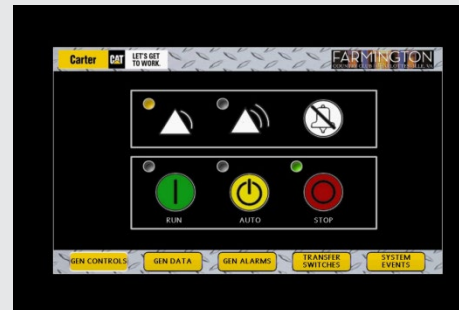
Emergency Power System Communications Cont.

- Custom Control Panels
 - Custom Control panels can be used for generator and ATS monitoring and control utilizing hard connections instead of communications when required to meet code or customer requirements.
- Combination Panels
 - Kit styles and contents can be combined and fully customizable to fit the needs of your new generator installation or retrofit of an existing system.
- Carter Engineering Support
 - Carter solutions are backed by an engineering team that will help develop, produce, and support a custom solution for your monitoring needs.

Custom Remote Gateway Interface- Building Automation Systems

- Optional embedded web server for remote viewing and control
- Integrate with customer's building automation system- Modbus TCP/IP, BACnet MSTP, BACnet IP, SNMP, etc.

Web Server Screens



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Custom 15" HMI- GEN-ATS Monitoring & Alarms

- Custom Remote HMI solutions integrated with a new EMCP4 controls platform and ATS Monitoring system.
- Can be used to replace analog system monitoring and antiquated control circuits.
- Embedded web server can be used for remote viewing and control.



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Custom 12" HMI- GEN-ATS Monitoring & Alarms

- Custom Remote HMI solution integrated with a new EMCP4 control platform.
- Embedded web server for remote viewing and control.
- HMI has emailing capabilities for facility alerts.



Custom 6" HMI- GEN-ATS Monitoring & Alarms

- Custom Remote HMI solution integrated with a new EMCP4 control platform.
- Embedded web server for remote viewing and control.
- HMI has emailing capabilities for facility alerts.



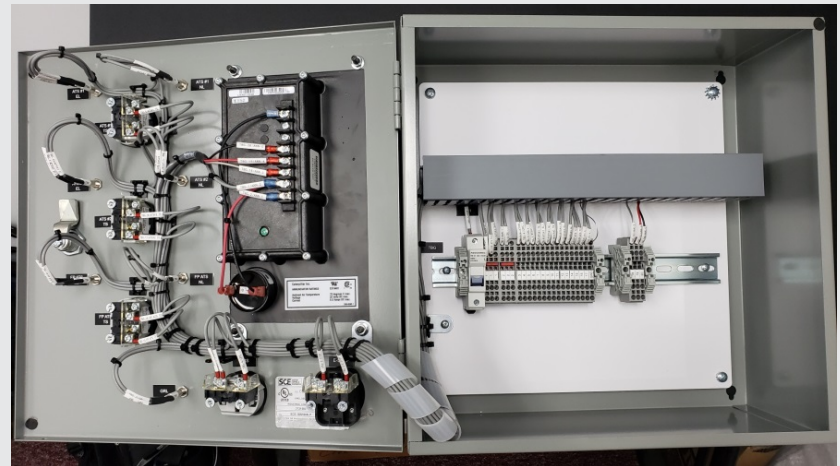
Custom ATS Remote Controls & Metering

- Customizable to integrate with all ATS manufacturers.
- Remote utility and generator metering and transfer control.



Fire Command Custom ATS Controller with Gen Annunciator

- Custom built for counties or cities requiring control for ATS's and generator per code.
- Incorporate gen remote annunciator for convenience and where wall space is limited.



Questions?

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Matt Nolan

Systems Engineer

Carter Machinery Company, Inc.

10990 Airpark Road

Ashland, VA 23005

800.835.1166 toll free

804.752.6772 fax

804.823.1223 direct
804.543.8695 mobile

Matt_Nolan@CarterMachinery.com
www.CarterMachinery.com

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Matthew Mathes

PSD Engineering Manager

Carter Machinery Company, Inc.

10990 Airpark Road

Ashland, VA 23005

800.835.1166 toll free

804.752.6772 fax

804.823.1189 direct

Matthew_Mathes@CarterMachinery.com
www.CarterMachinery.com

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