OMNIMETRIX GLOBAL MONITORING + CONTROL

GENERAC G PANEL MODBUS

Alarms	Alarms	Analog Parameters	Analog Parameters
System Ready	Remote Start Relay Inactive	Oil Temp	HTS Backup Battery Volts ⁴
Generator Running	Spare Relay Open	Coolant Temp	Supply Voltage
On Generator Power	Modbus Fault	Oil Pressure	Diesel Fuel Level ³
On Line Power	Failed to Report Data	Coolant Level	ATS Load kW ²
Not In Auto	ATS Position ¹	Fuel Level	ATS Load kWh ²
Charger Fail		Battery Charge Current	ATS Load kVAR ²
Gen Batt Volts High Alarm		Battery Volts	ATS Load kVA ²
Gen Batt Volts Low Alarm		Generator Phase A Current	ATS Load Power Factor ²
Coolant Temp High Alarm		Generator Phase B Current	ATS Load Average kW ²
Coolant Temp Low Alarm		Generator Phase C Current	ATS Load Minimum kW ²
Coolant Temp High Shutdown		Generator Current Average	ATS Load Maximum kW ²
Pre-Low Oil Pressure Alarm		Generator Phase AB Volts	ATS Load Voltage Line – Line ²
Low Oil Pressure Shutdown		Generator Phase BC Volts	ATS Load Voltage Line – Neutral ²
Emergency Stop Shutdown Active		Generator Phase CA Volts	ATS Load Average Amps ²
Overcrank Shutdown		Generator Average Volts	
Overspeed Shutdown		Generator Power	
Gen Set Shutdown		Generator Power Factor	
Low Fuel Level		Generator Frequency	
Rupture Basin Alarm		RPM	
Low Coolant Level Shutdown		Engine Hours	
On Utility Power		Alarm Count	
On Gen Power		ATS Utility Average Volts ⁴	
ATS Ready ⁴		ATS Utility Average Amps ⁴	

All Alarms & Analog Parameters noted above are only available if so configured at Generator and ATS control panel.

It is recommended that a technician with communications experience be utilized to install and calibrate any optional OMN accessories.

¹ATS Position Alarm requires an ATS with available position contacts if information not available through existing Controls. Customer to provide materials and labor to install wiring between OMN Monitor and ATS. Please note ATS Position monitoring request at time of order.

²ATS Load Analog Parameters require optional Power Meter Kit (Modbus) installed on load side of ATS if information not available through existing Controls. Customer to provide materials and labor to install wiring between OMN Monitor and Power Meter Kit. See OMN Power Meter Kit Spec Sheet for more details. Please note that Power Meter Kit can be installed in other locations other than load side of ATS.

³Fuel Level Analog Parameter requires optional Fuel Level Kit (Analog) if information not available through existing Controls. Customer to provide material and labor to install wiring between monitor and Fuel Level Kit. Please note depth of tank to ensure correct gauge is ordered. See OMN Fuel Level Kit Spec Sheet for more details.

⁴Alarm and Analog Parameters available when compatible Generac transfer switch is utilized.



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