

## CUMMINS PCC 1X, 2X, 3X MODBUS

Alarms	Alarms	Analog Parameters	Analog Parameters
Low Fuel Level Alarm	Ground Fault	Battery Voltage	ATS Src1 Volts AB <sup>4</sup>
Low Coolant Level Alarm	Check Genset	Coolant Temp	ATS Src1 Volts BC⁴
Overspeed Alarm	Web Remote Start Active	Oil Pressure	ATS Src1 Volts CA <sup>4</sup>
Low Oil Pressure Alarm	Transfer Switch Control Relay 2 Open	RPM	ATS Src1 Frequency <sup>4</sup>
Pre-Low Oil Pressure Alarm	Modbus Fault	Generator Frequency	ATS Src2 Volts AB <sup>4</sup>
Pre-High Engine Temperature Alarm	ATS Position <sup>1</sup>	Generator Phase A Volts	ATS Src2 Volts CA <sup>4</sup>
Low Coolant Temperature Alarm	Fail to Start Alarm	Generator Phase B Volts	ATS Src2 Frequency <sup>4</sup>
Charger AC Failure	Low Battery Voltage Alarm	Generator Phase C Volts	ATS Load Volts AB <sup>4</sup>
High Battery Voltage Alarm	Not in Auto	Generator Phase A Current	ATS Load Volts CA <sup>4</sup>
Genset Running	Genset Supplying Load	Generator Phase B Current	ATS Load Amps B <sup>4</sup>
Common Alarm Active	Emergency Stop	Generator Phase C Current	ATS Load Frequency C <sup>4</sup>
Utility Circuit Breaker Tripped	Genset Circuit Breaker Tripped	Engine Hours High Byte	ATS Load Total kW <sup>4</sup>
Load Demand Alarm	Fail to Close Alarm	Generator Percent kW	ATS Load Volts BC <sup>4</sup>
Fail to Sync Alarm	Reverse KVAR Alarm	Generator kWH Lower	ATS Load Amps A <sup>4</sup>
Reverse KW Alarm	Short Circuit Alarm	Fault Code	ATS Load Amps C⁴
Over Current Alarm	Overload Alarm	Switchgear State	Engine Hours Low Word
Under Frequency Alarm	Low AC Voltage Alarm	Supply Voltage	Generator kWH Upper
High AC Voltage		Urgent Fuel Level	Engine Starts
		Diesel Fuel Level <sup>3</sup>	Fault Type
		Generator Power Factor	

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.

<sup>1</sup>ATS 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.

<sup>2</sup>ATS 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.

<sup>3</sup>Fuel 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.

 $^4$ Alarm and Analog Parameters available when compatible Cummins transfer switch is utilized.



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