

Discrete I/O Supported SPN's

EMCP 3 Supported Suspect Parameter Numbers			
SPN	SPN Description	Input	Output
38	Fuel Level-Secondary Tank	X	X
52	Engine Aftercooler Temperature		X
82	Starting Air Pressure		X
94	Fuel Pressure		X
95	Fuel Filter Differential Pressure		X
96	Fuel Level (Primary Tank)	X	X
98	Engine Oil Level		X
99	Oil Filter Differential Pressure		X
100	Engine Oil Pressure		X
101	Crankcase Pressure		X
107	Air Filter Differential Pressure		X
110	Engine Coolant Temperature		X
111	Engine Coolant Level	X	X
137	Extinguisher System Pressure	X	X
167	Battery Charging System Voltage	X	X
168	Battery Voltage		X
171	Ambient Air Temperature		X
172	Inlet Air Temperature		X
173	Exhaust Temperature		X
174	Fuel Temperature		X
175	Engine Oil Temperature		X
190	Engine Overspeed		X
612	Gen Rotating Diode Failure		X
628	Voltage Regulator Failure		X
970	Emergency Stop Shutdown (1)		X
971	Engine Derate Overridden		X
1084	Gen Overexcitation	X	X
1122	Generator Bearing Temperature #1		X

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SPN	SPN Description	Input	Output
1124	Generator Winding Temperature #1		X
1125	Generator Winding Temperature #2		X
1126	Generator Winding Temperature #3		X
1237	Emergency Shutdown Override Mode Active Warning	X	X
1239	Ruptured Fuel Basin-Primary Tank	X	X
1383	Unexpected Engine Shutdown		X
1664	Engine Failure to Start Shutdown		X
2433	Right Exhaust Temperature		X
2434	Left Exhaust Temperature		X
2436	Generator Frequency		X
2440	Generator Voltage		X
2448	Generator AC Current		X
2452	Generator Reverse Power (kW)		X
2456	Generator Reactive Power (VAR)		X
2648	Service Interval Warning		X
4000	Air Shutoff Damper Close	X	X
4001	ATS in Normal Position	X	X
4002	ATS in Emergency Position	X	X
4003	Battery Charger Failure	X	X
4004	Gen Breaker Closed	X	X
4005	Utility Breaker Closed	X	X
4006	Engine in Cooldown		X
4007	Generator Control Not in Auto		X
4028	Earth Fault	X	X
4029	Earth Leakage	X	X
User Defined Input #1	Range 701-716	X	

EMCP 3 Supported Suspect Parameter Numbers			
SPN	SPN Description	Input	Output
User Defined Input #2	Range 701-716	X	
User Defined Input #3	Range 701-716	X	
User Defined Input #4	Range 701-716	X	
User Defined Input #5	Range 701-716	X	
User Defined Input #6	Range 701-716	X	
User Defined Input #7	Range 701-716	X	
User Defined Input #8	Range 701-716	X	
User Defined Input #9	Range 701-716	X	
User Defined Input #10	Range 701-716	X	
User Defined Input #11	Range 701-716	X	
User Defined Input #12	Range 701-716	X	