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Fuel Systems for Critical Power

C9 Master Fuel System Controller

Control and Integrated Fuel System Operations and Data



General Description

The C9 Mater Controller is designed to monitor and control diesel fuel transfer for emergency power applications.

- Generator Tank Level Control
- Duplex Pump Control
- Fuel Filtration / Polishing
- Remote Tank Fill Systems

The new modular wiring system allows for simplified integration of input and output devices:

Inputs: (a) tank level sensors, (b) leak detection sensors, (c) flow sensors, (d) pressure sensors, (e) pump current sensors, (f) filter water sensors, (g) filter differential pressure sensors, (h) valve position sensors.

Outputs: (a) solenoid valves, (b) fuel supply pumps, (c) fuel return pumps, (d) actuated ball valves, (e) actuated butterfly valves.



C9 Master Fuel System Controller

Dimensions	24”H x 24”W x 8”D (600 x 600 x200)
Approval	UL / CE
Power	120-240 VAC / 5A / 50-60 Hz Single or Dual Source
Enclosure	NEMA 4 Color RAL 7035 (Light Gray)
Environmental	-20 to 130F (-30 - 55C) with heater
Communication	BACnet, Modbus, or LON
Other	Isolated Inductive Loads 5 Amp Output Relays (Typ)
Options	50 Hz Power CE Approval Intrinsic Safety Barriers Enclosure Heater
Modes	Base or Combined Applications for: Generator Tank Level Control Duplex Pump Control Fuel Filtration / Polishing Remote Tank Fill Systems