

Petroleum Control System

Pump Control Isolation and Emergency Stop Circuit Disconnects

The Petroleum Control System (PCS) is a standardized solution for fuel controls that assist in meeting National Electrical Code (NEC®) standards including NEC 514.11(a), NEC 514.13 and NFPA® 30A, Section 6.7.

The PCS provides dispenser hook signal isolation, emergency stop controls, and fixed speed pump controls. The Petroleum Control System is factory wired and tested ensuring proper function when the system is delivered and installed.

The PCS has been designed and manufactured to provide a cost effective, space saving solution. This product integrates robust petroleum controls that our customers have come to expect from Power Integrity.

The PCS is available in standard configurations with controls for

- 8 dispensers & 4 pumps
- 6 dispensers & 4 pumps
- 4 dispensers & 4 pumps

For additional configurations or drawings, please contact Power Integrity.



PCS-8D4P



General Features

- Dispenser E-Stop Controls
- Pump E-Stop Controls
- Pump Isolation Controls
- Pump Status Lights
- Tank Monitor Interface
- E-Stop and Reset Switches
- NEMA-1 Indoor Enclosure

Safety Features

- UL Listed
- Complies with NEC 514.11 and NEC 514.13
- Complies with NFPA 30A, Section 6.7

Standard Catalog Numbers

- PCS-4D4P
- PCS-6D4P
- PCS-8D4P
- Std Cat# Enclosure is 32"H x 16"W x 6"D

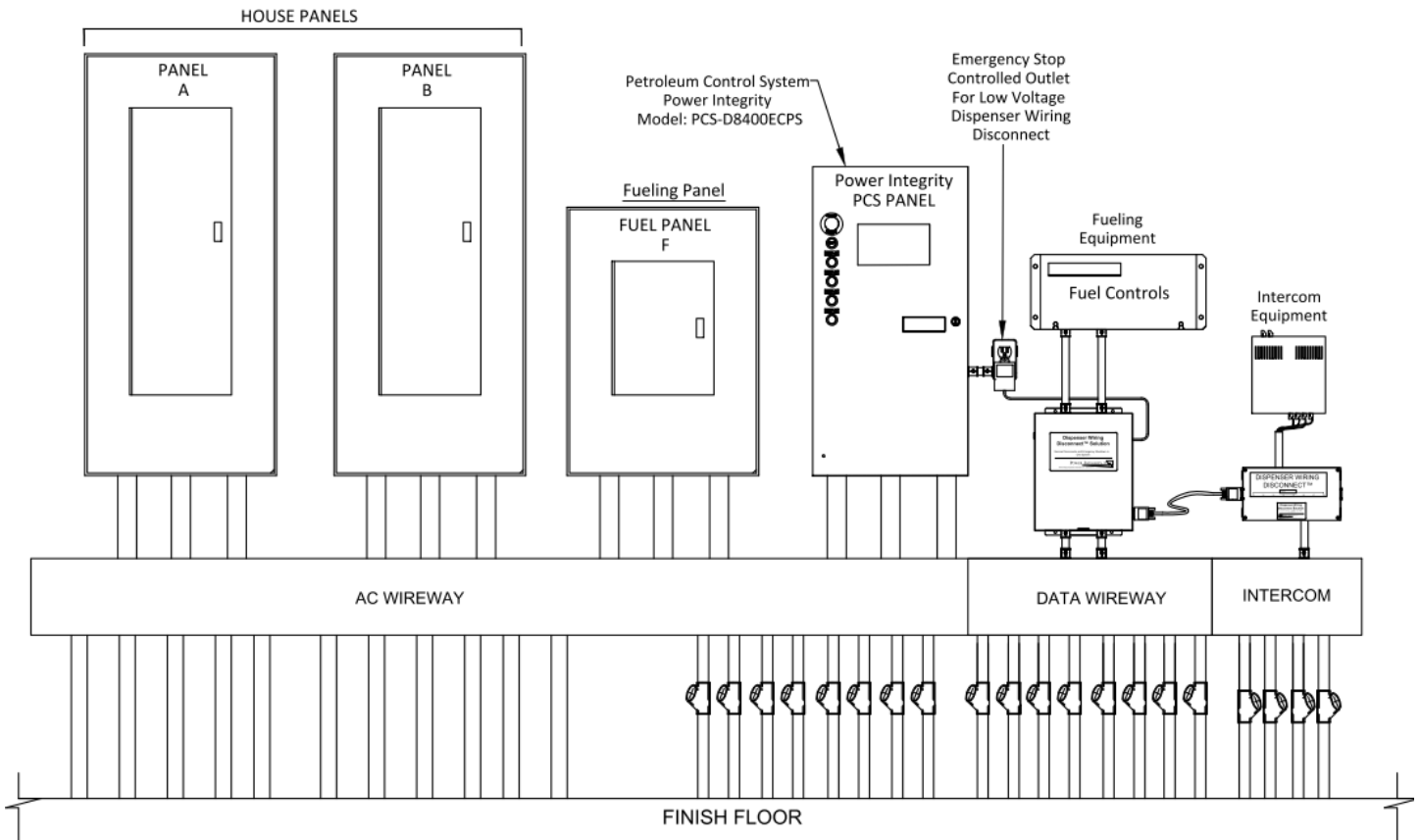
Power • Control • Protect



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- **PCS eliminates the need for**
 - **Main contactor feeding the Fueling Panel**
 - **Or shunt trip on the breaker feeding the Fueling Panel**
 - **Isolation boxes**
 - **1 per pump, 8 dispensers max per isolation box**
 - **Standard control boxes***
 - **1 per pump**
 - **Associated miscellaneous materials and on-site installation labor**
- **PCS is approximately the same size (width & height) and less deep as a 200A main contactor feeding the Fueling Panel saving valuable wall space**
- **PCS is factory assembled, wired and tested so you can be confident it works**
- **PCS is one enclosure in lieu of many components reducing the time and cost to mount and wire**

* If “smart control” boxes are used for pump control, those are still required. PCS works with “smart control” boxes.

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