

# Fleet & Commercial Fueling Solutions

Simplify the Power Distribution & Controls Required  
for YOUR Code Compliant Fleet Fueling Operation



FPS-4D 2P 2C M



**Power • Control • Protect**



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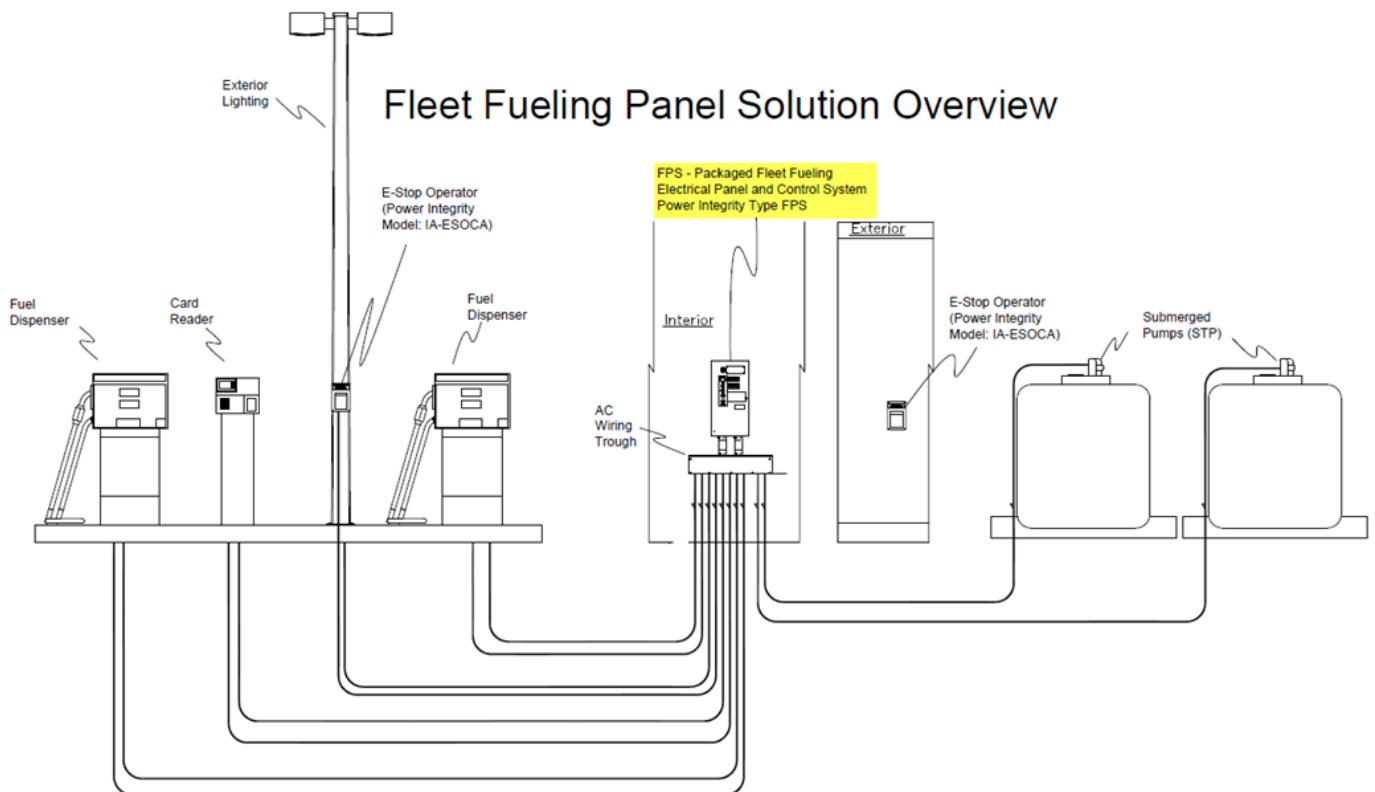
Power Integrity's Fleet Fueling Control System (FPS) is designed for fleet and commercial fueling operations.

It is engineered to simplify the power distribution and controls required for a compliant fleet fueling system.

The FPS provides an Emergency Stop System that disconnects the power and neutral conductors, and the data/low voltage wiring required by the NEC and NFPA codes. A single front mounted disconnect switch is provided allowing a single point for locking out all power. In addition all dispenser, pump, and card reader circuits are provided with lockable switches so that a device can be properly and safely isolated for servicing.

The system is factory wired and provided with marked terminals for easy connection of Dispensers, Pumps, Card Readers, Fuel Management Systems, and Tank Monitors.

Each system is sized for site requirements and includes the necessary Emergency Stop, Pump Isolation, Pump Interface, and Leak Detection controls.



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## Standard FPS Designs

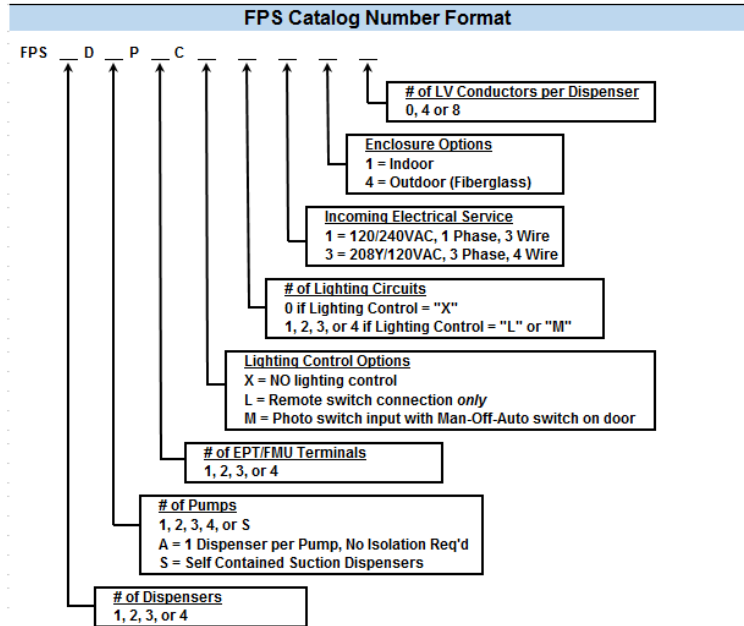
<i>Indoor Type 1 Enclosure</i>				
<i>Dispensers</i>	<i>Pumps</i>	<i>Card System FMU</i>	<i>NO Lighting Control</i>	<i>With Lighting Control*</i>
1	1	1	FPS-1D 1P 1C	FPS-1D 1P 1C M
2			FPS-2D 1P 1C	FPS-2D 1P 1C M
3			FPS-3D 1P 2C	FPS-3D 1P 2C M
4	2	2	FPS-3D 2P 2C	FPS-3D 2P 2C M
			FPS-4D 2P 2C	FPS-4D 2P 2C M

\* *Lighting Control includes a photo switch input with a Man-Off-Auto switch on the door*

### Standard Features

- 120/240V, 1 Phase 3 Wire + Ground
  - 208Y/120V, 3 Phase 4 Wire Available
- Main Disconnect + Branch Breakers
- Emergency Stop Controls
- Dispenser & Pump Power Connections
- Dispenser Low Voltage Disconnect
  - 4 Circuits per Dispenser as Standard
  - 8 Circuits per Dispenser Available
- Pump Isolation
- Leak Detection Control Connections
- Lockable Front Mounted Main Disconnect
- Front Mounted Emergency Stop Operator
- Connections for Remote Mounted Emergency Stop Operators
- Pump Run Indicators
- Solenoid Anti-Siphon Valve Output per Pump
- Factory Wired for Easy and Quick Installation
- cULus Listed

## Custom Engineer Your FPS



**Contact Power Integrity for Selection & Pricing of Additional Project Requirements**

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## Emergency Stop Operators



Emergency Stop Buttons  
with protective covers



IA-ESOCA e-stop button with alarm  
plus ESPLATE mounting plate



IA-ESORS cashier control  
*with protective shroud*

Emergency Stop Controls are required by the National Electrical Code at ALL fueling facilities. Power Integrity offers a full line of emergency stop operators to meet your site requirements. All outdoor e-stop operators have a protective cover to prevent accidental or nuisance pressing. Cashier Control Stations installed at the counter allow employees to activate the emergency stop system without leaving the cashier area.

- Available in momentary, twist-to-reset, key-to-reset, and break glass configurations
- Up to 3 sets of contacts, either NO or NC
- Cashier Control Stations include both emergency stop and reset buttons
- Custom Cashier Control Station configurations available including product status lights, timed lighting overrides, and individual dispenser shut-down

Emergency Stop Operators - Outdoor Rated	
<b>IA-ESOC</b>	Emergency stop operator with lift-up clear cover
<b>IA-ESOCA</b>	Emergency stop operator with lift-up clear cover and alarm
<b>IA-ESOC/T</b>	Emergency stop operator, twist to release with lift-up clear cover
<b>IA-ESOCAT</b>	Emergency stop operator, twist to release with lift-up clear cover and alarm
<b>IA-ESOCK</b>	Emergency stop operator, keyed reset with lift-up clear cover
<b>IA-ESOG</b>	Emergency stop operator with "Break Glass", hammer, and (5) replacement discs
<b>Emergency Stop Operator Accessories</b>	
<b>IA-ESPLATE</b>	Emergency stop operator mounting plate with "emergency fuel shutoff" nameplate
<b>IA-BREAKTAB</b>	Locking mechanism block with (5) one-time use breakaway seals
<b>Cashier Control Stations - Indoor Rated</b>	
<b>IA-ESORS</b>	Cashier control with emergency stop button with shroud to prevent accidental pressing, and reset button
<b>IA-ESORLS</b>	Cashier control with emergency stop button with shroud to prevent accidental pressing, reset button, and light control bypass switch
<b>Emergency Stop Operator Lift-Up Covers</b>	
<b>IA-PBCOVSA</b>	Small lift-up clear cover with alarm for e-stop operators, 5.5"W x 7.0"H (Yellow)
<b>IA-PBCOVS</b>	Small lift-up clear cover for e-stop operators, 5.5"W x 7.0"H (Yellow)
<b>IA-PBCOVLAR</b>	Large lift-up clear cover with alarm for e-stop operators 7.0"W x 9.0"H (Red)

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