

PEPPERL+FUCHS POWER SUPPLIES

HIGH INTEGRITY POWER SUPPLY

The PS2500 Power Supply is well-suited to the mission-critical applications throughout the process control industry. From emergency shutdown systems to fieldbus/HART networks, as well as many general-purpose process control applications, P+F power supplies meet the most demanding requirements of today's control system engineer.



The modular design of the P+F power supply allows the system to be configured in a full N+1 redundant mode. This guarantees uninterrupted power to your system even during module failure and subsequent replacement resulting in a very low MTTR (Mean Time To Repair). The automatic load-sharing feature eliminates load imbalances common in ordinary linear power supplies. The system is designed with external field connectors for easy cabinet layout as well as LED and alarm output features for quick diagnostic evaluation.

The 24V, 15A power module plugs directly into a 3- or 6-position chassis, allowing a maximum capacity of 45A or 90A respectively (30A or 75 A in N+1 configuration). These high-efficiency modules (88% overall) require no internal or external cooling fans; plus, the modules are adjustable from 22.5V to 28V for precise voltage regulation. As an added feature, the input is rated for AC or DC voltage, which permits a battery backup supply to be used, eliminating the need for a UPS.

KFA6 POWER SUPPLY

P+F offers two integrated power supply units that can be easily attached to our Power Rail for a complete interface solution. These 500mA and 4A power supplies connect to the P+F Power Rail energizing all of the attached modules, eliminating multiple wire connections and reducing costs.

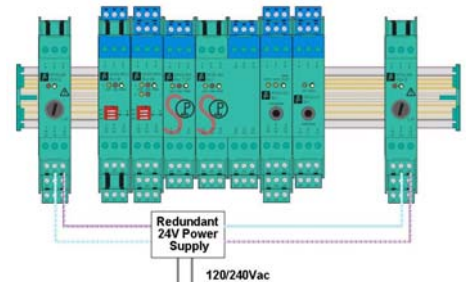


- Input = 92 - 265VAC, 47 - 63 Hz
- Output = 24 VDC, 4A
- Removable terminals
- LED Fault Indication
- Mounts on P+F power/DIN rail.

K-SYSTEM POWER RAIL/FEED MODULE

Our power and fault signal distribution products make interface installation simple. This time- and money-saving solution eliminates the daisy chain power connection to multiple modules and can be used to create group fault outputs for easy system diagnostics.

The power feed module provides a power rail with a 24VDC 4A supply. The power feed module provides an alarm output through a NO/NC contact. Power and alarm status are indicated on the front of the module with LED's.



24 VDC DIV 1 POWER SUPPLY

This 24 VDC power supply features an explosion-proof housing, four intrinsically safe outputs and mounts directly in a U.S. Division 1 hazardous area. Inputs and outputs are galvanically isolated. Each output is rated at 8.5 watts.

- 4 Intrinsically safe outputs
- Redundant input terminals
- Explosion proof housing



- Hot Swappable
- Auto power factor correction
- Built-in alarm outputs