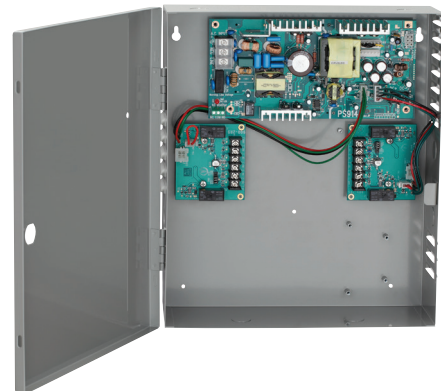# VON DUPRIN®

PS914
Power Supply

Von Duprin's power supply and option boards were designed to meet the specific requirements of electrified fire exit devices.

Installation is simplified by utilizing a flat mounting design and polarized locking connectors for option boards. This new design eliminates the need for racks and side connectors. The flat mounting of the option boards also provides for easier access to the terminal blocks for connection of electrified devices (e.g., electrified panic devices, strikes, card readers).

Common to the line of PS900 Series power supplies is a constant output rating at both 12v and 24v settings, universal 120 VAC to 240 VAC input, and polarized option board connectors. New fire alarm interface board mounting allows outputs to be configured as switched (power cut) or unswitched (power continues) when signal is provided.

All PS900 Series power supplies and option boards have been tested and certified to meet UL 294.

Features

- 12/24 VDC output, field selectable with jumper
- Designed with high in rush current for powering electrified panic devices
- Universal 120 - 240 VAC input
- Low voltage DC, regulated and filtered
- Electronic power limiting foldback circuit for AC current overload protection
- Polarized connectors for distribution boards
- Fused primary input

Warranties	
Mechanical	10 years

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Specification guide

Code prefix	Model
VDE	PS914 11940

1. **Code prefix**
   Select the desired function e.g., VDE . . . . VDE

2. **Model**
   Select the desired model e.g., PS914 . . . . VDE11940

Specifications

Input voltage	120/240 VAC, 50/60 Hz, universal input
Output voltage	4A @ 12 or 24 VDC Field selectable with jumper Switching supply, 5% regulation, 360mVpp max ripple
Enclosure	Grey/baked enamel 14" x 12" x 4" (H x W x D) Eight 1/2" x 3/4" knockouts Hinged cover with lock down screws
Operating temperature	32º – 120ºF (0º – 49ºC)
Certifications	UL 294 RoHS FCC Part 15 Class 2
Option board compatibility	900-BB: Battery backup 900-BAT: Backup battery pack 900-BBK: Battery backup kit (backup board and battery pack) 900-FA: Fire alarm (must be installed on distribution boards) 900-2RS*: 2 Relay EL panic device control board 900-4R*: 4 Relay output board 900-4RL*: 4 Relay logic board 900-8F*: Fused 8 zone distribution board 900-8P*: PTC 8 zone distribution board
AC primary fuse size	6.3A, 250v, 5 x 20mm SLOW-BLOW
Battery fuse size	7.5A 32v ATO blade style
DC output protection	Overload protection - current limited foldback circuit
Indicators	LED indicators: - AC input (visible on outside of enclosure) - DC output Isolated SPDT contacts to monitor AC power status
Weight (power supply)	Approximately 4 kg
Weight (each battery)	Approximately 1.8 kg
AC input termination	3 position terminal block with protective cover Wire capacity: 10 AWG max.
DC output termination	2 position terminal block Wire capacity: 12 AWG max.
Option board connectors	2
Fire alarm board connector	No
Keylock	Optional

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