POTTER
The Symbol of Protection

Features

- 10 Amp Power Supply
- 3 Amps, regulated per NAC
- 6 NACs Class B or 3 NACs Class A
- 2 dry contact inputs
- Fully programmable and monitored through control panel
- Isolated P-Link repeater connection, Class A or B
- Up to 31 power supplies per control panel with system wide sync
- Quadrasync feature synchronizes strobes from Potter/AMSECO, Gentex, Cooper-Wheelock and System Sensor.
- Compatible with all Potter PFC-6000 series fire alarm control panels.

Electrical Specs

- 120/240 VAC Input at 50/60 HZ
- 5.1 Amps/3.0 Amps max draw
- Standby Current 60 mA
- Alarm Current 200 mA

S2930   7165-0328: 0198
Product includes a 5 year warranty

Description

The PSN-1000 series is a UL listed intelligent 10 amp notification power supply and P-Link (RS-485) repeater. The power supply connects to the P-Link bus from the control panel and is operated and supervised from the panel. The power supply may be installed 6,500 feet from the control panel. The PSN-1000 then repeats the P-Link communication for another 6,500 feet.
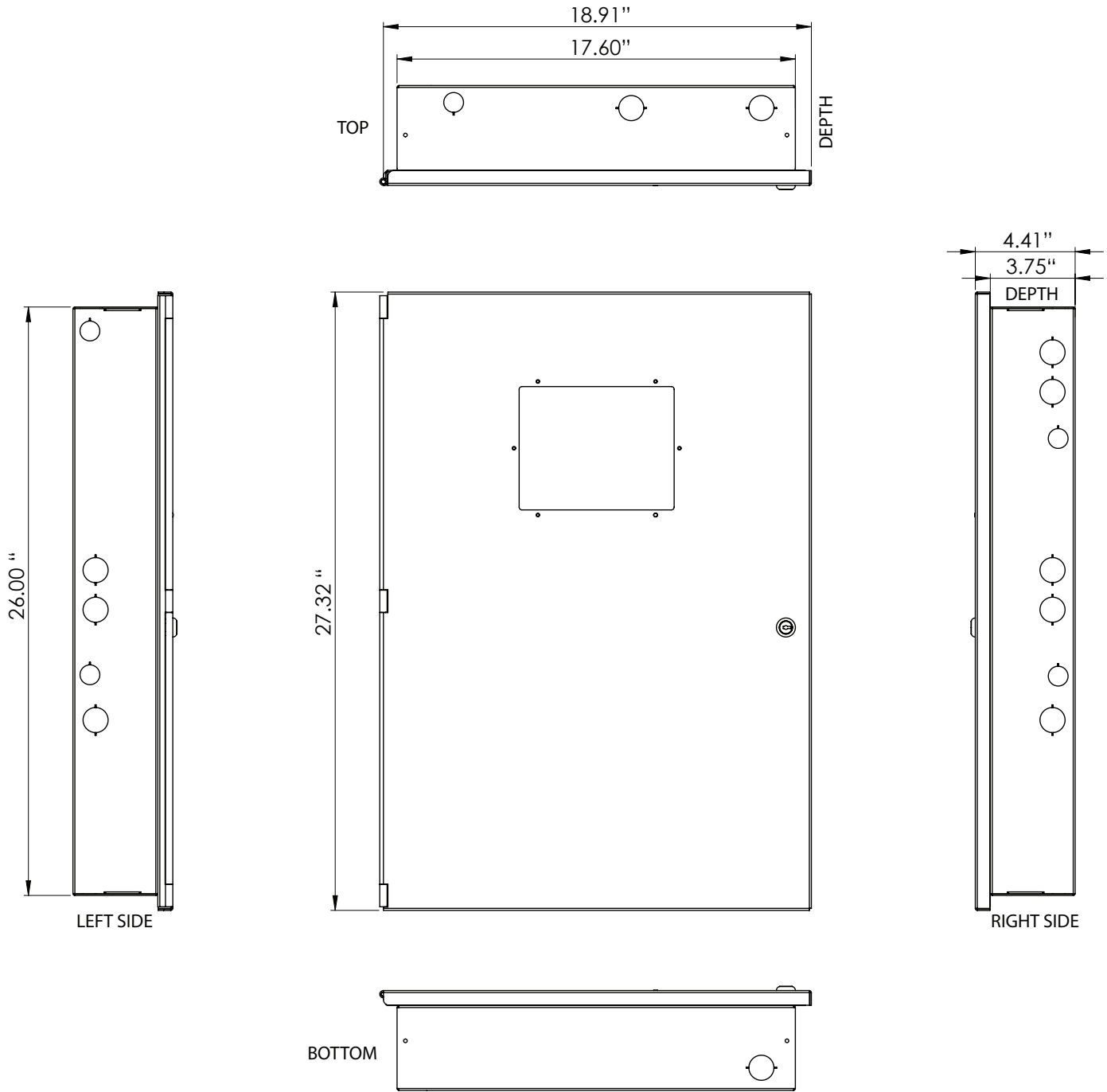
The power supply has six (6) Class B or three (3) Class A power outputs. Each output is regulated and power limited with a 3 Amp maximum rating. In addition, the PSN-1000 has two (2) programmable dry contact inputs. The dry contact inputs are Class B, supervised inputs.

The power supply operates on either 120 or 220 VAC power and has a regulated 24 VDC output. In addition, the panel can charge up to 55 AH batteries and will house 18 AH batteries. The cabinet is constructed out of 18 gauge cold rolled steel with a durable red powder coat finish. A standard Potter key lock is provided for securing the door. Electrical conduit knockouts are provided on the sides and top providing installers with multiple options for installing conduits and providing proper power separations.

The PSN-1000 is a self contained intelligent power supply/P-Link repeater complete with cabinet. The PSN-1000E is the intelligent power supply/P-Link repeater with additional cabinet room for the exclusive Stacker Bracket for SLCE-127 loop expanders. Both cabinets include space for 18 AH batteries.

The power supplies are programmed and controlled through the main control panel P-Link bus. The panel displays any troubles or off normal conditions of the power supply and the events are stored in the panel history buffer.

Each output can be independently configured to provide one of four synchronization patterns, constant power, ANSI temporal Code 3 or Door Holder power. The panel can be configured to synchronize Potter/AMSECO®, Gentex®, Cooper Wheelock® and System Sensor®.

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18.91"

17.60"

TOP

DEPTH

4.41"

3.75"

DEPTH

26.00"

27.32"

LEFT SIDE

RIGHT SIDE

BOTTOM

Dimensional drawings showing the cabinet in all three planes. Knock out locations.