

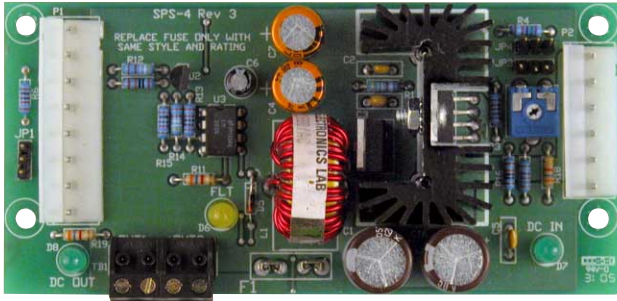


ALARM SAF

BEACON Accessory Modules

INTEGRATING FIRE AND ACCESS

SPS4 Secondary Power Source Module



The Beacon secondary power source module is designed for use with AlarmSaf's Beacon Power Supply Line to provide two separate outputs from a single 120 VAC input for dual voltage systems integration applications. When used with an AlarmSaf Beacon power supply, the SPS4 module will generate a secondary voltage output (5 to 18 VDC), provide up to 4 Amps of continuous current and allow for a single battery set to back up two voltage outputs. The SPS4 can also be used with any AlarmSaf Beacon power distribution accessory module, including our PD8, PD8F, MB8, MB8F, CMB8 and CMB8F modules. The SPS4 module has been tested and listed to the following industry standards: UL/ANSI 294, UL/ANSI 1481, UL/ANSI 1076, UL/ANSI 2044, ULC S527, ULC S318, CAN/CSA-C22.2 No.107.1-01, NYMEA, CSFM



The SPS4 can not be used as a stand alone power source.

MODULE FEATURES

- User selectable for 5 VDC or 12 VDC
- User adjustable from 5 to 18 VDC
- two fused outputs
- Compatible for use with AlarmSaf Beacon Power Supplies and accessory modules
- Surge Protection
- Class 2, Power Limited
- Short circuit protection
- Over current protection
- Over temperature protection
- Minimal output ripple for maximum range and reliability on readers
- Fault detection and reporting
- Visual fault and status indication
- Plug-in connectors for safe and easy connection to Beacon power supply and accessory modules

- Removable terminal strips
- Compact size, mounts directly to Beacon power supply
- Limited lifetime warranty
- Agency listed

MODULE SPECIFICATIONS

Input specifications

- Input voltage:
 - 24 VDC for 5 VDC , 12 VDC or 5 to 18 VDC output
 - 12 VDC for 5 VDC output
- Input current:
 - 2 A maximum for 12 VDC, 4 A output
- Input Voltage Frequency: 60 Hz

Output specifications

- Output voltage:
 - 5 VDC or 12 VDC, user selectable
 - 5 to 18 VDC, user adjustable

- Output current rating: 4 A maximum
- Ripple: < 0.5 % @ 12 V output
- Electronically regulated and filtered output

Output configurations

- 2 power limited outputs

Temperature ratings

- Ambient temperature range: 0°C to 49°C
- Ambient humidity : 93% @ 32°C, indoor, dry

Fault detection via Beacon fault relay

- HI/LO output

Visual indicators

- Input voltage: Green LED
- Output voltage: Green LED
- Fault detection: Yellow LED

Mechanical specifications

- 4.8" L x 2.35" W x 1.1" H

ORDER NUMBER	MODEL NUMBER	DESCRIPTION
10066	SPS4	Beacon secondary power source module