

Intelligent Power Module

5496

The 5496 intelligent power module is the most cost-effective power supply available today. It delivers 6 amps of notification appliance circuit power and built-in synchronization for appliances from System Sensor®, Gentex®, AMSECO, System Sensor®, and Wheelock®. The 5496's advanced microprocessor design is years ahead of the competition. Its switch mode power supply design is up to 50% more efficient than competitive linear mode power supplies.

The 5496 is a 6 amp notification power expander that provides its own AC power connection, battery charging circuit, and backup battery for use with Stanley's SCSS-700 fire alarm control panel (FACP). The 5496 is the cost-effective solution for powering notification appliances required by the Americans with Disabilities Act (ADA). The 5496 has built-in ANSI cadence pattern. The output circuits can be programmed as notification appliance circuits, or as auxiliary power (configurable for constant, resettable, or door holder power).

Features

- UL Listed for 6 amps of notification power
- Power supply's advanced switch mode design reduces damaging heat and manages power up to 50% more efficiently than other systems
- Built-in synchronization for appliances from Gentex®, AMSECO, System Sensor®, and Wheelock®
- 24 VDC filtered output voltage
- Four power-limited notification outputs; 2 Class A or 4 Class B, or 1 Class A and 2 Class B
- NACs are programmable as notification appliance circuits, or as auxiliary power to be used as constant, resettable, or door holder power
- 3 amps per output circuit
- Ground fault detector
- Communicates to the FACP via 4-wire SBUS (wire runs up to 6000 ft)
- AC loss delay option shuts off power to non-essential high-current accessories like magnetic door holders
- Lightweight design adds to ease of installation and reduces shipping costs
- ANSI Cadence pattern output capability built-in
- UL 864 & 1481 listed
- CSFM approved
- MEA approved

Agency Listings



MEA

429-92-E Vol XIV



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Installation

The 5496 cabinet is surface mounted.

Compatibility

The 5496 is compatible with the following FACP:

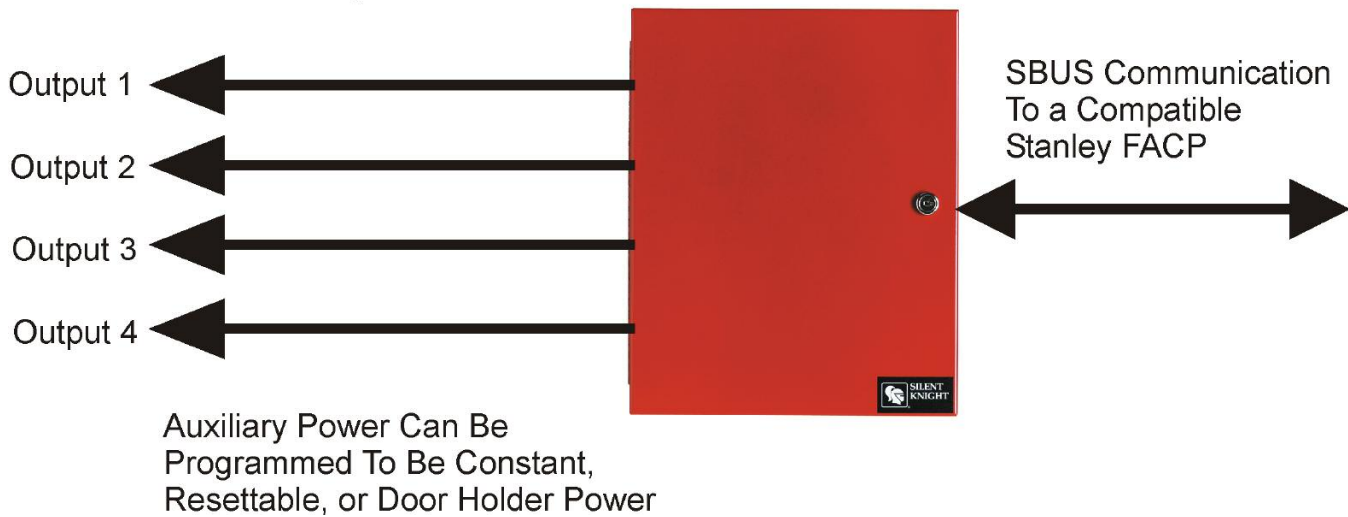
- SCSS-700

P/N 351125 Rev A

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4 Outputs Programmable
as Notification Appliance Circuits,
or as Auxiliary Power



Specifications

Physical

Height: 16" (40.6 cm)

Width: 12.25" (30.9 cm)

Depth: 3" (7.6 kg)

Shipping Weight: 8.7 lbs. (3.9 kg)

Electrical

AC Input: 120 VAC at 2.7A

Output: 24 VDC at 6A

Alarm Current: 160 mA

Standby Current: 40 mA

Notification/Aux. Power Circuits: 4

Output Configuration:

2 Class A (Style Z)

4 Class B (Style Y)

1 Class A & 2 Class B

Amps Per Output Circuit: 3.0 (6.0 amps total)

Notification Circuit Output: 20.4 – 27.3 VDC @ 3.0A each

End-of-Line Resistance: 4.7k Ω EOL resistor required on each Class B circuit

Battery Charging Capacity: 7.0 – 35.0 AH

Environmental

Operating Temperature: 32°F to 120°F (0°C to 49°C)

Humidity: 10% – 93% non-condensing

Ordering Information

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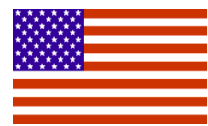
RBB

Intelligent Power Module

Remote Battery Box



This document is not intended to be used for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information, contact Stanley Convergent Security Solutions, Inc. Phone: 877-476-4968 www.stanleycss.com



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