

# Honeywell



## 5496

### Intelligent Power Module

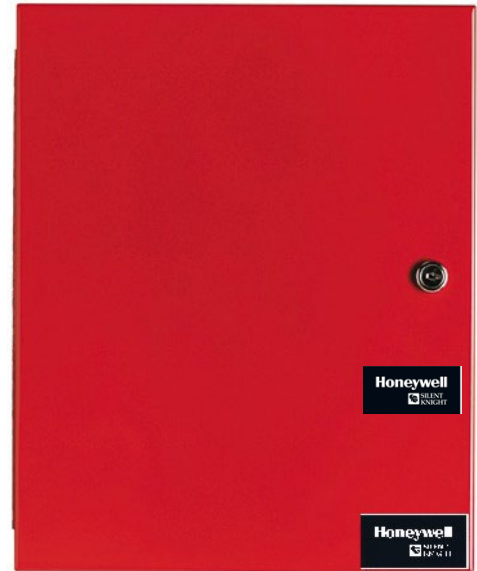
The 5496 intelligent power module is the most cost-effective power supply available today. It delivers 6 amps of notification appliance circuit power and built-in synchronization for appliances from System Sensor®, Gentex®, AMSECO, and Wheelock®. The 5496's advanced microprocessor design is years ahead 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 the Honeywell Silent Knight series fire alarm control panels (FACPs). 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).

#### Compatibility

The 5496 is compatible with the following Honeywell Silent Knight FACPs:

- 6820 / 6820EVS
- 5820XL / 5820XL-EVS
- 6808
- 6700
- 5808
- 5700

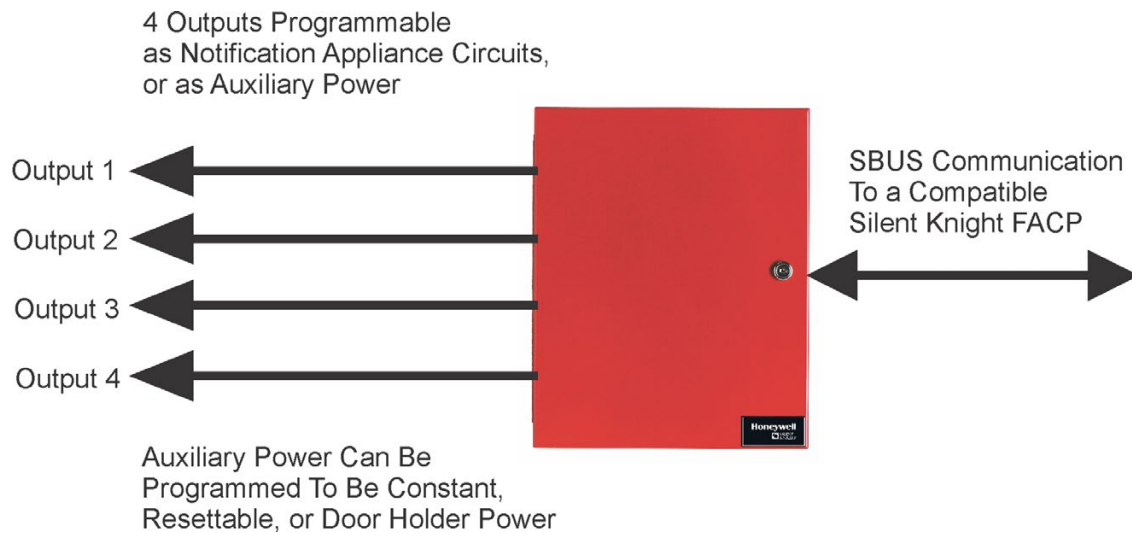


5496

### FEATURES & BENEFITS

- 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
- 24 VDC filtered output voltage
- Built-in synchronization for appliances from Gentex, AMSECO, System Sensor, and Wheelock
- 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
- CSFM approved
- 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
- MEA approved
- Lightweight design adds to ease of installation and reduces shipping costs
- ANSI Cadence pattern output capability built-in
- UL 864, 1481 & 1971 listed
- OSHPD (CA) OSP-0065-10 (see accessories)

# 5496 Technical Specifications



For a complete listing of all compliance approvals and certifications, please visit [www.silentknight.com](http://www.silentknight.com).

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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 Technical Support, call 800-446-6444

## PHYSICAL

**Overall Dimensions:** 16" H x 12.25" W x 3" D (40.6 x 30.9 x 7.6 cm)

**Shipping Weight:** 8.7lbs

## ENVIRONMENTAL

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

**Humidity:** 10 to 93% relative humidity (non-condensing)

## ELECTRICAL:

**AC Input:** 120VAC at 2.7A

**Output:** 24VDC at 6A

**Standby & Alarm Current:** 10mA

**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 – 27.3VDC @ 3.0A each

**End-of-Line Resistance:** 4.7k  $\Omega$  EOL resistor

required on each Class B circuit

**Battery Charging Capacity:** 7.0 – 35.0AH

## ORDERING INFORMATION

**5496:** Intelligent Power Module

## ACCESSORIES

**RBB:** Remote Battery Box Accessory Cabinet. 16" W x 10" H x 6" D (406 mm W x 254 mm H x 152 mm D)

**SK-SCK:** Seismic Compliance Kit

## AGENCY LISTINGS AND APPROVALS

- CSFM approved
- NFPA 72
- UL listed
- FM approved
- City of NY: 429-90-E Vol XIV

## For more information

Learn more about Silent Knight's Product and other products available by visiting [www.silentknight.com](http://www.silentknight.com)

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