

## FIK-5496 Intelligent Power Module

The FIK-5496 Intelligent Power Module delivers 6 amps of notification appliance circuit power and built-in synchronization for appliances from System Sensor®, Gentex®, and Wheelock®. The FIK-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 FIK-5496 provides its own AC power connection, battery charging circuit, and backup battery for use with the Fike FCP Series fire alarm control panels (FACPs). The FIK-5496 is a cost-effective solution for powering notification appliances required by the Americans with Disabilities Act (ADA). The FIK-5496 has a built-in 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 FIK-5496 is compatible with the following Fike FCP Series FACP's:

- FCP-2100 / FCP-2100ECS / RFCP-2100
- FCP-300 / FCP-300ECS
- FCP-75

### FEATURES

- UL Listed for 6A of notification power
- 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, System Sensor, and Wheelock
- Four power-limited notification outputs; 2 Class A or 4 Class B, or 1 Class A and 2 Class B
- 3 amps per output circuit
- Ground fault detector
- Communicates to the FACP via 4-wire SBUS (wire runs up to 6,000 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

## APPROVALS

- UL Listed (864 & 1481)
- CSFM
- FM approved

For exact certification listings, please reference the respective agency web site.

## SPECIFICATIONS

<b>Dimensions (HxWxD):</b>	16" x 12.25" x 3" (40.6 x 30.9 x 7.6 cm)
<b>Shipping Weight:</b>	8.7 lbs. (2.95 kg)
<b>Operating Temperature:</b>	32° - 120°F (0° - 49°C)
<b>Humidity:</b>	0% to 93% relative humidity (non-condensing)
<b>AC Input:</b>	120VAC @ 2.7A
<b>Output:</b>	6A @ 24VDC
<b>Current:</b>	10mA (standby and alarm)
<b>Notification/Auxiliary Power Circuits:</b>	Four total: 2 Class A; or 4 Class B; or 1 Class A and 2 Class B
<b>Output Current:</b>	3A per circuit (6 amps total)
<b>Notification Circuit Output:</b>	20.4 – 27.3 VDC @ 3A each
<b>End-of-Line:</b>	4.7k W EOL resistor required on each Class B circuit
<b>Battery Charging Capacity:</b>	7 – 35 AH

## ORDERING INFORMATION

Part Number	Description
<b>FIK-5496</b>	Intelligent Power Supply, 6 Amp
<b>SK-SKC</b>	Seismic Compliance Kit
<b>RBB</b>	Remote Battery Box Accessory Cabinet