

EVS-INT50W

Intelligent 50 Watt Internal Amplifier

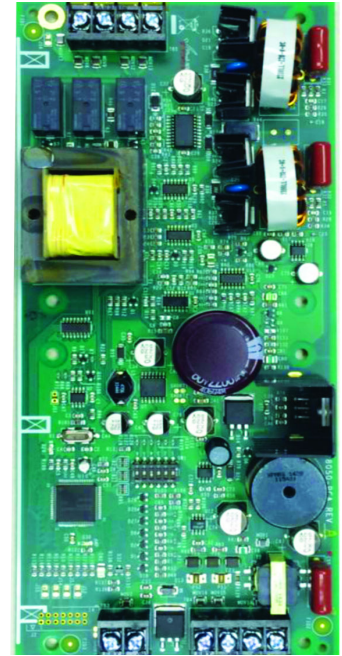
The EVS-INT50W is capable of producing 50 watts of audio power on one speaker circuit. It is designed to conveniently mount in the FACP cabinet, making it an ideal solution for small voice evacuation installations.

The EVS-INT50W is an intelligent 50 watt amplifier that can be used with the 6820EVS. It is used to amplify the audio message to broadcast throughout the facility. The EVS-INT50W is designed to mount in the 6820EVS cabinet assembly. The EVS-INT50W is capable of producing 50 watts of audio power on one speaker circuit. It is designed to conveniently mount in the cabinet. This feature makes it an ideal solution for small voice evacuation installations.

The EVS-INT50W is powered and supervised from the 6820EVS. This feature eliminates the need for an additional AC source and battery backup module (for example, used for printing system reports), and a 5496 NAC Expander.

COMPATIBILITY

- The EVS-INT50W is compatible with the 6820EVS and mounts inside the FACP/EVS cabinet.



FEATURES AND BENEFITS

- Complies with UL 864 10th Edition and UL 2572 2nd Edition Standards
- Meets NFPA Standards
- UL listed for 520Hz signaling when used with the compatible System Sensor® speakers
Refer to the Device Compatibility Document for a list of compatible speakers.
- Uses SBUS addressable devices
- Six-wire connection to the ECS system:
 - Two-wires for the Voice BUS
 - Two-wires for the SBUS
 - Two-wires for the 24VDC power source from a NAC circuit on the FACP programmed for constant auxiliary power
- Provides 50 watts of supervised audio power
- Easy-to-install assembly in the 6820EVS cabinet
- Supports System Sensor speakers
- Has one Class A or Class B speaker circuit

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EVS-INT50W TECHNICAL SPECIFICATIONS

PHYSICAL

Dimensions: 4.5" W x 10" H x 1.81" D
(11.43 W x 25.4 H x 4.6 D cm)

Shipping weight: 2 lbs.

ENVIRONMENTAL

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

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

ELECTRICAL:

Power: 24VDC

Standby Current: 52mA

Alarm Current (EVS-INT50W only):
275mA @ 25V; 310mA @ 70.7V

Full Alarm Load Current: 2.84A @ 25V;
2.9A or @ 70.7V

Total Power: 50W @ 25Vrms or
70.7Vrms

ORDERING INFORMATION

EVS-INT50W: Intelligent 50W Internal
Amplifier

STANDARDS AND CODES

The EVS-INT50W complies with the
following standards and codes.

- UL 864, 10th Edition: Standard for
Control Units for Fire Alarm Systems
- UL 864, Local Protective Signaling Systems
- UL 2572, 2nd Edition: Standard for Mass
Notification Systems
- UL 1711
- NFPA:
 - NFPA 13
 - NFPA 70
 - NFPA 72

AGENCY LISTINGS AND APPROVALS

CSFM Approved: 7165-0559-0500

FDNY: Approved

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System Sensor® are registered
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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.

Country of origin: U.S.A.

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