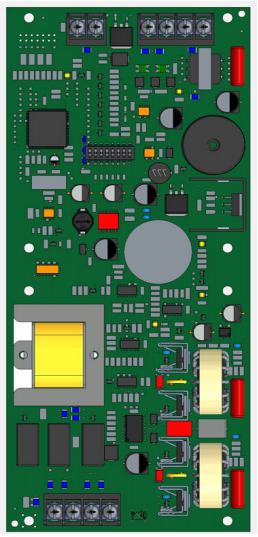
ECS-INT50W

Intelligent 50 Watt Intelligent Amplifier

The ECS-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 ECS-INT50W is powered and supervised from the FACP with ECS integration. This feature eliminates the need for an additional AC source and battery backup.

COMPATIBILITY

- The ECS-50W is compatible with the following Farenhyt™ Series voice evacuation components:
- IFP-300ECS
- IFP-30ECSB
- IFP-300ECSHV
- IFP-300ECSHVB
- IFP-2100ECS
- IFP-2100ECSB
- IFP-2100ECSHV
- IFP-2100ECSHVB

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 ECS cabinet
- Supports System Sensor speakers
- Has one Class A or Class B speaker circuit

Honeywell

Farenhyt Series

ECS-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: 4 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 (ECS--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

SBUS Standby and Alarm: 10mA

Wiring: Six conductors, Two Voice Bus, Four SBUS

ORDERING INFORMATION

ECS-INT50W: Intelligent 50W Internal Amplifier

ACCESSORIES

ECS-AMPMT: Mounting Kit. Needed when mounting in the ECS cabinet that contains a ECS-NVCM.

STANDARDS AND CODES

The ECS-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: 7165-0559-0505
FDNY: Approved

Farenhyt® is a trademark, and Honeywell® and System Sensor® are registered trademarks of Honeywell International, Inc

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.

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Honeywell Fire Solutions
12 Clintonville Road
Northford, CT 06472-1610
203.484.7161
www.farenhyt.com

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