



DATASHEET

Standalone Occupant Warning System

Brooks can provide a range of standalone Occupant Warning Systems (OWS) capable of providing reliable audio and visual warnings to building occupants via speakers and strobes. The system is designed to alert occupants to an emergency situation and evacuate the building should it be required.

The systems are available in 60, 120 & 225 Watt configurations with the option to split the speaker output into a maximum of 48 individual speaker circuits.

FEATURES

- › 60, 120 & 225 Watt D Class Amplifier Options
- › Speaker zone expansion up to 48 Supervised Speaker outputs. Standard system fitted with 4.
- › (Non-Emergency) PA facility via a built- in electret microphone
- › Configurable Alert – Evacuation times 0, 1,3 or 5 minutes
- › Fully Supervised Power Supply via AS7240.4-2004 Power Supply Supervision Module with earth leakage fault detection
- › Remote Paging Microphone Input
- › Onboard fault diagnostic indicators

COMPLIANCE

Conforming with AS 7240.4:2004, 'Fire Detection and alarm systems – Part 4: Power Supply Equipment & AS4428.16:2015, 'Fire Detection and alarm systems – Emergency Warning Control and Indicating Equipment

OPTIONS

BOWS60W - 60W Standalone Grade 3 Occupant Warning System

BOWS120W - 120W Standalone Grade 3 Occupant Warning System

BOWS225W - 225W Standalone Grade 3 Occupant Warning System

SPECIFICATIONS

Model Number: **BOWS**

Mains Power Supply: 230 Vac +/- 20%. Wattage 60w to 320w based on system requirements

Nominal System Voltage: 27.6 Vdc +/- 10%

Battery Backup: 2 x 12V SLA Batteries. Battery capacity based on system power requirements

Emergency Zone: One emergency zone. Grade 3 System Only

Alarm Trigger Input: One Supervised N/O Clean Contact, EOL resistor 47K

Speaker Circuit: Mainboard: 1 x 100V RMS Speaker Output, EOL 47K
Optional splitter board: 4 x 100V RMS Speaker Outputs per board, EOL 47K
Main board supports 12 x Splitter boards

Speaker Circuit Parameter: Max Line Resistance: 50 ohms
Max Line Capacitance: 47 nF
Min Insulation Rating: 250/250V, PVC V90

Operating Temp: 0°C to + 40°C

Operating Humidity: 5-95%, non-condensing

Material: 1,5mm zinc anneal steel, powder coated oyster

Enclosure Dimension l x h x d (mm): 650 x 400 250

ADD-ONS

SUB999B - OWS 4 Zone Splitter Card. Max 12 per system

XM085 - Dynamic Flexi Cord Hand Held Microphone