Model JBS Series
Switchable / Multichannel Junction Boxes

The JBS Series Junction Boxes are multiple channel connecting centers for terminating and switching the outputs of up to 48 two-wire vibration sensors. Commercially available portable data collectors can record the sensor readings from a safe, central location, solving the problem of taking measurements in noisy, inconvenient or harsh machinery locations.

FEATURES INCLUDED IN ALL MODELS
- All rotary switches are sealed, military quality with gold contacts to eliminate problems with contact noise.
- Electro-Static Discharge (ESD) protection for each sensor channel.
- Analog DC voltmeter measures supply and sensor bias voltages to verify proper operation of the sensors.
- Termination panel is inside at the rear of the switch box.
- All JBS Models are contained in a 14 gauge steel enclosure with a NEMA 4 rating. The NEMA 4 rated enclosures are sealed and have quick opening latches and hinged doors. They are intended for indoor or outdoor use, and provide a degree of protection against windblown dust, rain, and hose directed or splashing water.
- Selector switch and meter mounted internally on hinged panel for environmental protection.

SPECIFICATIONS
All Models
Output Connector ....................................... BNC
Housing ...................................................... NEMA 4 (14 gauge steel enclosure for indoor and outdoor use)

Model JBS-32H
Channels .................................................... 32
Size  (H x W x D) ....................................... 16” x 12” x 6”

Model JBS-48H
Channels .................................................... 48
Size  (H x W x D) ....................................... 16” x 12” x 6”

OPTIONS:
- Third lead for use on sensors with an internal temperature probe (add suffix T to model number when ordering)
- Internal AC power supply — for line voltages, order Model JBS-XXX-YYY (insert proper line voltage).
  Available line voltages include 100, 120, 200, 220, and 240.
- External battery pack (requires battery charger), BP24
- Battery charger, LA24

SPECIAL ORDER:
- NEMA 4X rated splash proof, corrosion resistant, stainless steel enclosures for harsh environments. Please contact your Applications Engineer for more information.

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