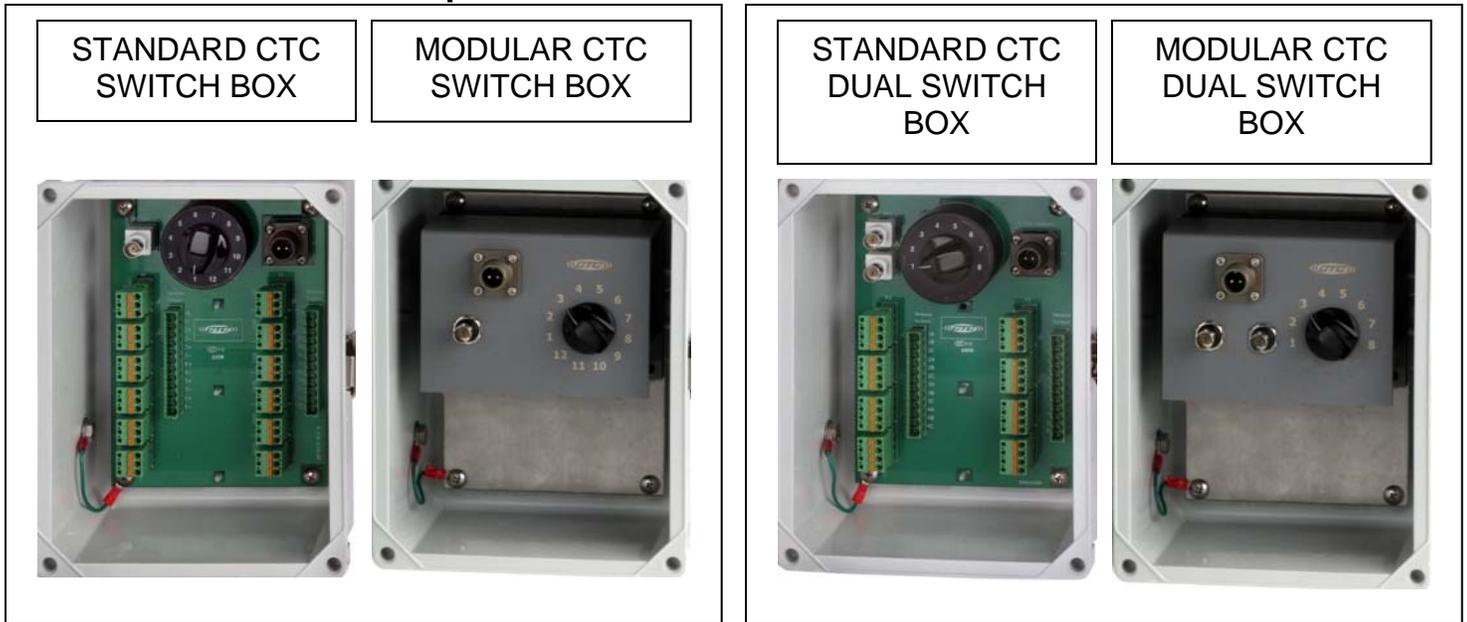


# CTC AppNotes

A series of technical documents written by members of the CTC community

## Features/Comparison of Modular vs. Standard Switch Boxes



### Executive Summary

CTC now offers two switch box options for the single and dual output switch box line.

- The standard PC board version, the SB102/202 and SB142/242 series of enclosures, starting with 4 channels/box.
- Our new Modular versions, SSB1000/2000 series and DSB1000/2000series also starting at 4 channels.

### Features common to both enclosure options -

- Both provide a switched output to either a BNC jack or 2 pin MIL-Style connector.
- The single output BOX will accommodate up to 12 channels while the Dual output BOX will accept up to 8 channels.
- Each enclosure can be easily mounted on a variety of surfaces.
- They all accept input from accelerometers, Proximity Probes, Tachometers and Temperature Probes.
- Offer quick release input terminal blocks.
- Are available in both Fiberglass and Stainless Steel enclosures.

### Modular enclosure advantages-

While the cost is slightly higher for the initial purchase of a partially populated modular box VS a similar standard box. The new modular box offers -

- The convenience of only having to purchase CTC parts JB907-1A for single output or JB930-1A for dual output boxes when adding additional channels.
- No need to send the enclosure back to the factory to have the switch and board modified for the additional channels.
- Easier to access switch box functions since input wires are now connected at the bottom of the module VS being mounted on the face of the PC board.
- The modular options offers a cleaner look and also the flexibility of being able to move the module to a different enclosure should needs change.

### ADDITIONAL OPTIONS -

- The modules can be purchased individually for custom applications where they can be mounted in existing control panels.

### Parts included in this discussion

**SB102/202 series - SB142/242 series - SSB1000/2000 series - DSB1000/2000 series -**

If you have any questions or for Further information please contact CTC directly via Email at [dgripe@ctconline.com](mailto:dgripe@ctconline.com) or [sales@ctconline.com](mailto:sales@ctconline.com) or feel free to call 1-800-999-5290 in the US and Canada or +1-585-924-5900 internationally.

If any CTC vibration analysis hardware product should ever fail, we will repair or replace it at no charge.