

160 SSC™ InterBus Option

An optional InterBus communication module for the 160 SSC™, that provides a low cost solution for control and monitoring of the 160 SSC™ drive. The InterBus module attaches directly to the front of the drive in place of the Program Keypad Module or Ready/Fault Panel adding less than 25mm to the overall depth. Using the InterBus communication module, reduces the installation time, and provides feedback of the drive operating conditions.



Communication Flexibility with the 160-IB1

Product Highlights

- The 160-IB1 interface allows a 160 SSC™ series C drive, to be connected onto an InterBus network. A variety of different network masters can be used.
- InterBus input/output 9-pin male/female D-shell connectors for interconnecting onto the InterBus remote network.
- Protective Earth connection for the 160-IB1 interface.
- Compact design in the familiar 160 SSC™ communication interface format, allows quick installation directly to the front of 160 SSC™. This economises on valuable panel space.
- Visual indication via LED's for Remote Cable check, Bus Active, Transmit/Receive, Remote Bus Disable, Drive Fault.
- Using standard drive profile (Drivecom 20/21) for control of the drive will make it easy to integrate into existing networks
 - The ability to Start/Stop and control the speed in both directions. The interface also provides the Drive status with speed feedback.
 - The drive can also pass information using an explicit telegram. This slower method of communication can be used to get/set parameters for changing the dynamic performance of the drive, or just monitoring parameters.

AB Parts



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InterBus

Specifications

160-IB1

- Ambient Temp
 - Operating 0 to 50°C
 - Storage -40 to 85°C
- Altitude 1000m (3300ft)
- Power Consumption 1.25Watts max
- Supply Voltage Supplied by drive
- Baud Rate 500 kbaud
- Protocol DRIVECOM 20 (21)
- Relative Humidity 0 to 95% non condensing
- Vibration 1.0G Operational
2.5G Non-operational
- Shock 15.0G Operational
30.0G Non-operational

Dimensions

in millimeters (inches)

- Height 67.54 (2.68)
- Width 70.0 (2.76)
- Depth ² 45.36 (1.79)

² When installed on the 160 SSC™ drive, the communication module adds approximately 22mm to the overall depth.

Standards



UL508C



CSA 22.2



EMC Directive 89/336

LV: EN 50178, EN 60204

EMC: EN 61800-3, EN 50081-1, EN 50082-2

FCC Class A and B , IEC 146-1-1, VDE 0871 and VDE 0875

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