



FieldServer LONWORKS® Bridge FS-B2011

Feature rich protocol translator bridge enables data transfer between LONWORKS® protocol and an extensive library of other serial and Ethernet protocols used in building automation, HVAC, fire and process control industries.

LONWORKS® — Serial — Ethernet

FieldServer LONWORKS® Bridge is a protocol translator gateway which enables devices using foreign protocols to communicate with LONWORKS® devices. An example is a fire alarm panel using a proprietary manufacturer's protocol needing to supply alarm information to a LONWORKS® network. In a single, comprehensive package the FS-Bridge provides the hardware and software necessary for this translation. In addition to the LONWORKS® connector, the FS-B2011 includes a serial (RS-232 or RS-485) and Ethernet (10baseT) connector. Configuration files can be downloaded via the serial or Ethernet port. All the necessary software and instructions for configuration are provided with the FS-Bridge. FieldServer Technologies also offers fee based configuration services. Other FS-Bridges are available for other fieldbuses or for multiple port applications.

Specifications

Field Connections

- **LONWORKS®**
 - FTT-10 twisted pair
 - 1000 Network variable capability
 - UNVT or SNVT variable support
 - Explicit (Polled Mode) or Implicit (Bound Mode) Addressing
- **Ethernet Port**
 - 10baseT RJ45 connector
- **Serial Port**
 - RS-232/RS-485 selectable
 - Up to 115K baud
- **Drivers**
 - Drivers available for a wide range of Ethernet and serial protocols — check driver sheet

Host PC Connections (for Configuration)

- Ethernet 10baseT
- RS-232/RS-485 selectable

Mounting Options

- Desktop, Wall, DIN rail

LED Indicators

- Power, Run, System Error, Configuration Error
- Ethernet connection – Tx/Rx communication activity
- RS-232/RS-485 – Tx/Rx communication activity

Other

- Service Pin for LONWORKS® Node identification
- OPC server available
- Configuration utility
- Diagnostic utility
- System integration services available

Power Requirements

- 9-30 VDC
- 2.5 watts

Environment

- Operating temperature: 0-60°C (32-144°F)
- Relative humidity: 10-95% RH non-condensing

Physical Dimensions

- 3.9 x 3.9 x 2 in. (WxDxH) (100 x 100 x 50 mm)
- 0.4 lbs (0.8 Kg)



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