FS-B4010

A 10-serial, 2-Ethernet port, protocol translator gateway enables data transfer between serial and Ethernet proto- cols. An ISA slot allows additional driver cards. An ex- tensive library of drivers provides easy interoperability between a variety of devices used in building automa- tion, HVAC, re and process control industries

SERIAL ETHERNET

The FieldServer is a protocol translator/gateway which enables devices using one protocol to communicate with devices using another protocol. An example is a re alarm panel using a proprietary manufacturer's protocol needing to supply alarm information to a building automation system. In a single, comprehensive package the FieldServer provides the hardware and software necessary for this translation. The FS-B4010 Series includes eight RS-232 ports, two RS-485 ports, two Ethernet (10BaseT) ports to interface to the devices. In addition there is an ISA card slot for special driver adapter cards such as LONWORKS®, DH+, Pro bus, ControlNet, etc.   All the necessary software and instructions for con guration are supplied with the FieldServer. FieldServer Technologies also offers fee based con guration services. FieldServers are available for various eldbuses.

SPECIFICATIONS

Field Connections
- Ethernet Port 2– Qty 2 – 10BaseT RJ45 connector
- Serial Port 4? Qty 8 RS-232 ports, RJ45 connector? Qty 2 RS-485 ports, terminal connector? Up to 115K baud
- ISA Card slot for additional adapters– DH+, ControlNet, Profibus, LONWORKS®, Modbus Plus
- Drivers– Drivers available for a wide range of Ethernet and serial protocols

Host PC Connections (for Configuration)
- Ethernet 10BaseT
- RS-232 or RS-485

LED Indicators
- Power, Run, System Error, Configuration Error, Node offline
- Port connections – Tx/Rx communication activity

Environment
- Operating temperature: 0-60oC (32-144oF)

- Relative humidity: 10-95% RH non-condensing

Power Requirements

- 120/220 VAC, 50/60 Hz, 1 amp

Other

- Hot standby option
- Configuration utility
- Diagnostic utility
- System integration services available

Physical Dimensions

- 7.5 x 12.0 x 2.2 in. (WxDxH) (19.1 x 30.5 x 5.6 cm)
- 5.0 lbs (3.0 Kg)

Mounting Options

- Desktop
- Wall
- DIN Rail

Approvals

- UL 916
- CE Marked