FDS-PC-DP

Facility Monitoring

DUAL PORT PROTOCOL CONVERTER

APPLICATIONS: Ideal for situations where data from monitored equipment is incompatible with the protocols used by the BMS or NMS. Installed frequently in facilities that utilize legacy monitoring systems.

NOTICE KEY FEATURES:

- Multiple input and output protocols
- Monitor up to 1,024 Modbus registers, OIDs, or instances
- Connect up to 32 units, modules, or nodes
- Connect to multiple trunk lines
- Alarm notification through email, SNMP
- Web interface simplifies configuration

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WHAT SETS RLE'S PROTOCOL CONVERTERS APART?

- Facilitates communication between previously incompatible devices. The FDS-PC-DP accepts an SNMP, BACnet, or Modbus signal, converts it to one or more of these same protocols, and then sends the signals on to another device.
- An economical integration solution, the FDS-PCDP allows you to continue using legacy monitoring systems, while adding new devices to your facility.
- Communicates via multiple open protocols - easily integrates with a wide variety of equipment and building management (BMS) and network management systems (NMS).

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V01.24



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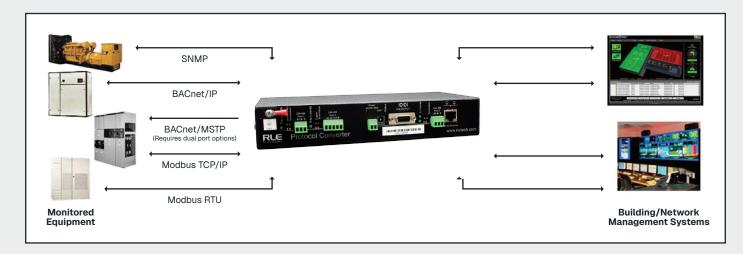
PROTOCOL TRANSLATION FOR SEAMLESS INTEGRATION: The only stand alone product designed specifically to convert SNMP, BACnet, and Modbus protocols to one or more of these same protocols for integration into (BMS) or (NMS).



65 FDS-PC-DP: Compatible with devices that communicate via SNMP, BACnet, and/or Modbus

Product Codes

FDS-PC-DP Protocol Converter; SNMP/Modbus/BACnet, dual port RS485, includes PSWA-DC-24



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Technical Specifications	
Power	100/240VAC 50/60Hz @ 100mA max; Type A, C, G, and I blades for domestic US and international use (included)
Communication Ports Temperature Humidity Altitude	10/100BaseT, RJ45 connector; 500VAC RMS isolation DB9 female connector; 9600 baud; No parity, 8 data bits, 1 stop bit 1200, 2400, 9600 or 19200 baud (selectable); Parity: none, even or odd, 8 data bits, 1 stop bit Dual Port Protocol Converter contains 3 total ports - Port 2 configurable for half- or full-duplex
Protocols TCP/IP; HTML, TFTP SNMP Modbus (EIA-485) Modbus TCP/IP BACNet/IP SMTP (email) Terminal Emulation (EIA-232)	V1: V2C MIB-2 compliant; NMS Manageable with Get Modbus Client/Server; RTU mode; Supports Client codes 01, 02, 03, 04; Server code 03 Modbus Client/Server; TCP/IP transmission protocol ASHRAE STD 135-2004 Annex J; Port 3 on Dual Port Protocol Converter is BACnet MS/TP capable (Secondary device only) Supports Client Authentication (plain and login); compatible with ESMTP Servers VT100 compatible (for configuration and diagnostics only)
Protocols In Protocols Out	1.3"W x 4.0"H x 1.7"D (33mmW x 101mmH x 43mmD)
Login Security Web Browser Access (Ethernet) Terminal Emulation Access	SNMP, Modbus EIA-485, Modbus TCP/IP, BACnet/IP SNMP, Modbus EIA-485, Modbus TCP/IP, BACnet/IP; BACnet MS/TP
Maximum Number of units/modules/nodes	1 Web password Read Only; 1 Web password Read/Write None
Maximum Number of registers/OIDs/instances	32
Indicators Network EIA-485 Status	Green/Red LED: Link/No Link; Green Active Green Transmit and Receive LEDs
Operating Environment Operating Temperature Humidity Altitude	32°F to 122°F (0°C - 50°C) 5% to 95% RH (Non-condensing) 15,000 ft (4572m) max.
Storage Temperature	-4°F to 185°F (-20°C - 85°C)
Mounting	Desktop, rack mount (brackets included), wall mount (brackets available, sold separately)
Dimensions	9.8"W x 5.3"D x 1.8"H (248mmW x 135mmD x 46mmH)
Weight	2.32 lb. (1.05kg
Certifications	CE; ETL listed: conforms to UL 61010-1, EN 61010-1; certified to CSA C22.2 NO. 61010-1; RoHS compliant

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