COMTROL
Pepperl+Fuchs

DeviceMaster® UP 4-Port VDC Modbus

Part Number: 99521-0

KEY FEATURES AND BENEFITS

- Highly flexible and unique Modbus functionality
- Multiple Modbus master and slave types
- Raw/ASCII Serial and Ethernet device support
- Variable power input eliminates need for power converters
- Dual Ethernet ports for daisy chaining network connections between multiple units
- RoHS2 compliant under CE

PORTVISION DX
MANAGEMENT SOFTWARE

MADE IN USA

PRODUCT DESCRIPTION

The DeviceMaster UP has been designed to meet the demands of today's increasingly diverse Modbus installations.

Comtrol has developed three unique Modbus firmware applications that provide a wide range of Modbus connectivity. Simple connections or complex Modbus networks, you can do it all with a DeviceMaster UP.

Highly flexible and robust, the DeviceMaster UP provides connectivity between a vast array of Modbus controllers and devices. Simplified configuration pages, innovative functionality and informative diagnostic information all make for quick and easy set-up of even the most complex Modbus installations.

Your automation, our passion.

DEVICEMASTER SPECIFICATIONS

HARDWARE

Product Dimensions
10.72" x 6.3" x 1.5"
27.23 x 16 x 3.81 cm
Serial Connectors
(4) DB9 Male
Ethernet Ports
(2) 10/100 BaseT
Processor
ARM7 44Mhz
Memory
8MB   RAM
4MB   Flash
Mounting Options
Panel/Rack
LED Indicators
Status, Ethernet Link/Activity, Collision, 100MB
Ethernet, RX/TX Per Port
Housing
Rugged Steel Construction

ELECTRICAL SPECIFICATIONS

Device Requirements
5 to 30 VDC
Device Consumption
2.5 Watts
External Power Supply   (Included)
Input
90 to 260 VAC @ 47-63Hz
Output
500mA @ 24 VDC
Surge Protection
15KV

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature
-37° C to 74°C
Storage Temperature
40°C to 85°C
Humidity (non-condensing)
System On   20% to 80%
System Off   8% to 80%
Altitude
0 to 10,000 Ft
0 to 3,048 m
Heat Output
8.5 BTU/Hr
Mean time between failures
46.2 Years

SERIAL COMMUNICATIONS

Software Selectable
RS-232/422/485
Baud Rates
50 bps to 230 Kbps
Data Bits
7 or 8
Parity
Odd, Even, None
Stop Bits
1 or 2

COMMUNICATION MODES

Modbus/TCP to Serial or Ethernet TCP/IP
Modbus/TCP to Modbus/RTU
Modbus/TCP to raw serial data
Modbus/RTU Device (Auto Locate and Auto Route)

NETWORK PROTOCOLS

Telnet, HTTP, SNMP, DHCP, RARP, ARP, BOOTP, Ping

EXPORT INFORMATION

Packaged Shipping Weight
7.08lbs
3.21 kg
Package Shipping Dimensions
14.9" x 4" x 10.9"
37.85 x 10.16 x 27.69 cm
UPC Code
7-56727-99521-0
ECCN
5A992
Schedule B Number
8471.80.1000

REGULATORY STANDARDS

Immunity
EN55024, EN6100042, EN6100043,
EN6100044, EN6100045, EN6100046,
EN6100048, EN61000411, IEC 100042,
IEC 100043, IEC 100044, IEC 100045,
IEC 100046, IEC 100048, IEC 1000411
Emission
EN55022 & A1:2000 IEC 100032,
IEC 100033, CISPR22, ICES003
Safety
EN60950, IEC 60950,
CSA C22.2 No. 50/UL60950
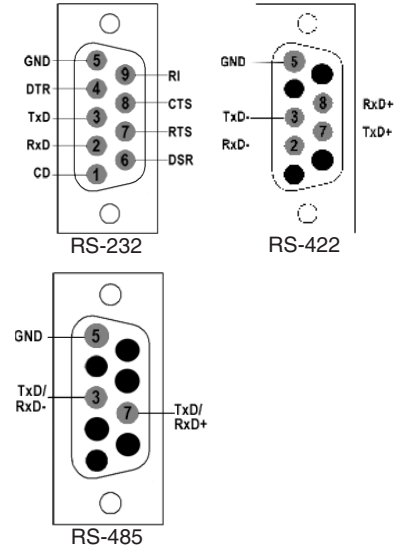**Other**
RoHS2 compliant under CE

FEATURES

Easy Setup
SoftwareSelectable Serial Port Interface
PortVision Remote Management Software
PLC based or Web based Serial Port Configuration
Watchdog Reset

REGULATORY APPROVAL MARKS

ODVA Certified
PIC Certified

PIN ASSIGNMENTS

RS-232

RS-422

RS-485

![COMTROL Pepperl+Fuchs logo]

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