



DeviceMaster® RTS 8-Port RJ45

Part Number: 99449-7



KEY FEATURES AND BENEFITS

- NEMA TS2 Certified
- No serial cable distance limitations enables communication between a host PC and serial devices located anywhere across an Ethernet network
- Software selectable RS-232/422/485 serial interfaces
- Supports native COM, TTY, or TCP/IP socket communication modes
- Web-based configuration makes setup and management changes quick and easy
- Real-time e-mail event notification alerts administrator of potential connection and security issues
- Built-in two-port 10/100 Ethernet switch
- Wide operating temperature (-40° to 75°C)
- Rugged stainless steel housing enables DIN rail or panel-mounting
- PortVision® DX monitoring and management software automatically monitors devices on the network and enables user to view status, update firmware and resolve issues remotely
- Software developer kit available for users interested in writing custom applications to run on the DeviceMaster platform
- RoHS2 compliant under CE
- IPV6 support

PRODUCT DESCRIPTION

The Control DeviceMaster RTS 8-Port DB9/RJ45 is an eight-port device server designed for network-enabling serial communications devices. When used with the included NS-Link™ driver software and a host PC, the DeviceMaster RTS enables placement of COM or TTY ports anywhere on an Ethernet network or across the Internet. In applications where

connecting legacy serial devices to a PC without software changes is a requirement, a pair of DeviceMaster RTS units can be used to create a point-to-point serial tunnel across the network that seamlessly transfers serial data via TCP or UDP socket connections.



DEVICEMASTER SPECIFICATIONS

HARDWARE

Processor ARM7 44 Mhz
8MB RAM
4MB Flash (Programmable)
(2) 10/100 BASE-T Ethernet
Black Finished Steel Enclosure
Product Weight
4.82 lbs
2.19 kg
Product Dimensions
10.8" x 1.8" x 6.3"
27.43 x 4.57 x 16 cm
Packaged Shipping Weight
7.82lbs
3.55 kg
Panel/Rack Mountable
LED Indicators
Status
Ethernet Link/Activity
Collision
100MB Ethernet
RX/TX Per Port
Surge Protection
15KV

ELECTRICAL SPECIFICATIONS

Device Requirements
9 to 30 VDC
Device Consumption
6.96 Watts
External Power Supply (Included)
Input
90 to 260 VAC @ 60Hz
Output
290mA @ 24 VDC

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature
-40° to 75°C
Storage Temperature
-40° to 85°C
Operating Humidity
5% to 95%
Altitude
0 to 10,000 Ft
3,048 m
Heat Output
23.8 BTU/Hr
Mean time between failures
21.5 Years

DEVICE DRIVERS

Linux
Microsoft® Windows® XP through Windows 10

SERIAL COMMUNICATIONS

Software-Selectable
RS-232/422/485
Baud Rates
65bps to 230 Kbps
Serial Connectors
(8) DB9/RJ45 Adapters
Data Bits
7 or 8
Parity
Odd, Even, None
Stop Bits
1 or 2

FEATURES

Lowest Latency
NS-Link COM/TTY Port Redirector
PortVision Remote Management
TCP/IP & UDP Socket Services
Telnet
HTTP
SNMP
DHCP / RARP / ARP / BOOTP / Ping
Hardware & Software Flow Control
Watchdog Reset
Event Notification
RFC 1006
Supports IP multicast data transmission

EXPORT INFORMATION

Packaged Shipping Weight
7.82lbs
Package Shipping Dimensions
14.9" x 4" x 10.9"
37.85 x 10.16 x 27.69 cm
UPC Code
7-56727-99449-7
ECCN
5A992
Schedule B Number
8471.80.1000

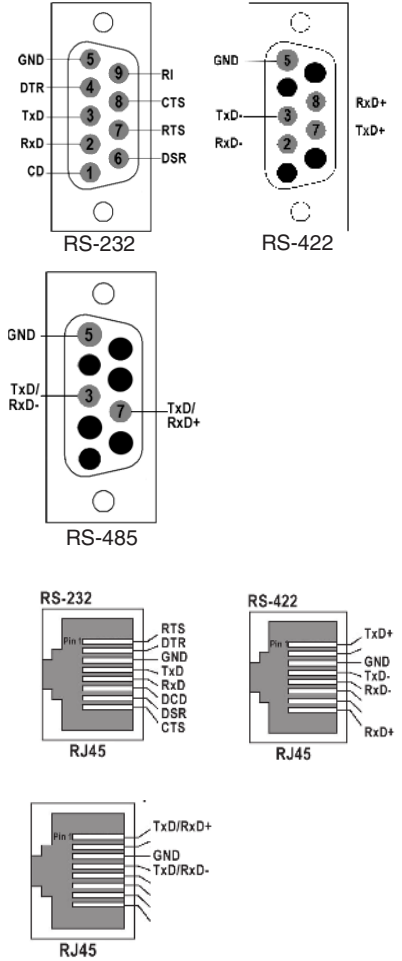
REGULATORY STANDARDS

Immunity
EN55024; EN61000-4-2, EN61000-4-3,
EN61000-4-4, EN61000-4-5, EN61000-4-6,
EN61000-4-8, EN61000-4-11, IEC 1000-4-2,
IEC 1000-4-3, IEC 1000-4-4, IEC 1000-4-5,
IEC 1000-4-6, IEC 1000-4-8, IEC 1000-4-11
Emission
EN55022 & A1:2000 IEC 1000-3-2,
IEC 1000-3-3, CISPR-22, ICES-003
Safety
EN60950, IEC 60950,
CSA C22.2 No. 50/UL60950
NEMA TS2 Compliant
RoHS2 compliant under CE

REGULATORY APPROVAL MARKS



PIN ASSIGNMENTS



Warranty Information
Control offers a 30-day satisfaction guarantee and 5-year limited warranty.

Sales Support
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sales@comtrol.com

Technical Support
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