

V.35

DIGITAL SHARING DEVICES

DSD 2 and DSD 4



FEATURES / BENEFITS

- ✓ Interface - CCITT V.35, MR-34 Female Connectors
- ✓ Data Rates - Synchronous up to 2.048Mbps
- ✓ Anti-Streaming - Automatic or Manual for unattended Circuit Restoral
- ✓ Individual Subchannel Enable/ Disable Switches
- ✓ Visual Indication of Subchannel Activity
- ✓ Receive Data - Broadcast or Gated
- ✓ Transparent to Data
- ✓ Fully Cascadable
- ✓ External Clocking
- ✓ Sturdy Metal Enclosure
- ✓ 110/220VAC Switch Selectable

DESCRIPTION

The Digital Sharing Device (DSD) products consist of 2 and 4 port units. The DSDs provide the network manager with a cost effective means of expanding existing, leased line polled networks without adding computer ports or communications links.

With the DSD's, up to four terminals or controllers can share the same port and communications link using the contention and control protocols normally resident in the host hardware and software. Once installed, system and network efficiency are increased through higher host processor utilization coupled with the significant decrease in idle time between host / terminal traffic sessions.

Ideal for synchronous network environments, the DSDs are protocol transparent at data rates up to 2.048Mbps. Data arriving at the Master Port is continually broadcast to all Subchannels. The attached terminal device that raises the RTS control signal is automatically given control of the DSD until data transmission is complete. Clocking is accomplished from the attached Modem (CSU\DSU).

The DSDs incorporate optional Anti-Streaming circuitry. If enabled, Anti-Streaming will automatically remove a defective terminal from service if the Data / Control criteria is present for the user predefined clock selection period.

Housed in a sturdy metal enclosure and equipped with an internal 110/220VAC switch selectable linear power supply, the DSDs will provide in excess of 100,000 hours of reliable service.

The DSDs have a three year warranty and a 24 hour turnaround on warranty repairs.



EAST COAST DATACOM, INC.

SPECIFICATIONS

Application

Multiple Sync/Async terminal or DTE devices operating in a polled environment, to share one V.35 Digital Modem (CSU/DSU)

Capacity

One to four V.35 Sync/Async devices

Interface

CCITT V.35 using MR-34 female connectors

Data Rates

Up to 2.048Mbps

Data Format

Data transparent at all data rates

Timing

External; from attached Modem CSU/DSU)

Anti-Streaming

Automatic . . . Selectable time out intervals based on clock cycles

Disable Selectable via dip switch

Front Panel

Indicators . . . Power, Transmit Data, Receive Data, Channel Active, Channel Stream

Switches Enable/Disable of each Subchannel

Power Source

100-120 to 200-220VAC @ 10%, 50/60Hz, 0.16/0.08A, external 110/220 volt select switch, IEC Power Inlet, (2) 5mm Fuses

Regulatory Approvals Tested According to

UL 60950-1:2003, CAN/CSA-C22.2 No. 60950-1:2003, FCC Part 15, Class A

Environmental

Operating Temperature . . .32° to 122° F (0° to 50° C)
Relative Humidity..5 to 95% Non-Condensing
Altitude.0 to 10,000 feet

Dimensions

DSD-2

Height1.75 inches (4.44cm)

Width9.00 inches (22.86 cm)

Length9.00 inches (22.86 cm)

DSD-4

Height1.75 inches (4.44cm)

Width13.35 inches (33.09 cm)

Length9.00 inches (22.86 cm)

Weight

DSD-2 2 pounds (0.914 Kg)

DSD-4 4.5 pounds (2.1 Kg)

Warranty

Three Years, Return to Factory

ORDERING INFORMATION

Model: DSD-2

Description: 2 Port Digital Sharing Device

Model: DSD-4

Description: 4 Port Digital Sharing Device

INCLUDED WITH EACH UNIT:

- 1) Operations Manual
- 2) U.S.A. Grounded Power Cord, Part #713015

EAST COAST DATACOM DESIGNS AND MANUFACTURES DATA COMMUNICATION EQUIPMENT FOR YOUR NETWORK REQUIREMENTS.



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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