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.
### 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**: .32º to 122º F (0º to 50º C)
- **Relative Humidity**: .5 to 95% Non-Condensing
- **Altitude**: .0 to 10,000 feet

### Dimensions
- **DSD-2**
  - Height: 1.75 inches (4.44cm)
  - Width: 9.00 inches (22.86 cm)
  - Length: 9.00 inches (22.86 cm)
- **DSD-4**
  - Height: 1.75 inches (4.44cm)
  - Width: 13.35 inches (33.09 cm)
  - Length: 9.00 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

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