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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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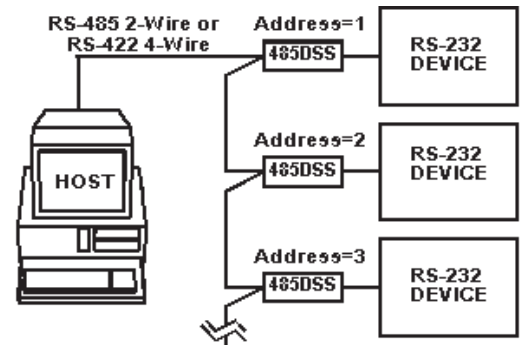
Model: 485DSS

Distributed Smart Switch



Features

- ✓ Network Enable “dumb” RS-232 Devices
- ✓ Network 32 RS-232 Devices up to 4,000 feet
- ✓ Supports RS-422 and RS-485



Functional Description

The 485DSS allows non-addressable, “dumb” RS-232 devices to be connected on an addressable RS-485 network. The master node controls all communications to connected devices. By distributing the switching intelligence along the RS-485 network, wiring cost savings are substantial compared to a single switched “star” configuration. Devices can either be polled by the master node or request access to the bus through the RS-232 handshake line. This provides a versatile system for interconnecting devices that are designed for point-to-point communications. Because the units communicate using standard RS-485 signals, RS-232 devices can form their own network or be added to an existing system. Up to 32 nodes at up to 4,000 feet can be on one bus without a repeater. The addressing scheme allows up to 256 units on a single network with repeaters. A CD ROM is included with contains a manual and demonstration software compatible with Windows (95, 98, NT, 2K, XP, and Vista).

Ordering Information

Model Number	Description
485DSS	Distributed Smart Switch
Accessories	
485PS2	12VDC@100mA Power Supply, Wall transformer
232AMF5	6 ft Computer Cable, DB25 Male/Female
232CAMR	DB25 Female to DB9 Male 6 inch Adapter Cable

Operation

- A manual is contained on the CD ROM, which ships with the module. Refer to this manual for detailed operational instructions.
- Terminal block on the unit is used to connect the RS-485 signals and input power.
- The RS-232 signals are connected through a DB25 male connector (DTE).
- The address is set using an internal DIP Switch.
- 2/4-Wire mode is set using an internal jumper.
- The unit communicates at 9600 baud using 8 data bits, 1 stop bit, and no parity. Once the host has connected a 485DSS to the network, the host can change its communications parameters to match that of the RS-232 device.

Specifications

RS-232 Connector:	DB-25 Male (DTE)
RS-485 Connector:	Terminal Block
Communications:	9600 baud, 8 data bits, no parity, 1 stop bit
Input Voltage:	+11 to 16 VDC / 75mA
Dimensions:	4.8 x 2.2 x 0.9 in (12.2 x 5.6 x 2.3 cm)

