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DCB Access Switch



- 4, 8, 16, 24 and 32 port units
- AS-24 supports up to 4 - 32 port add-ons for up to 152 ports
- RS-232 ports in and out
- Optional internal V.90 modem
- Non-cryptic English language prompts
- 2 control ports on AS-04 through 32
- Saves hours of set up and support time
- Connect to any async device

DESCRIPTION

The DCB Access Switch is an ASCII character controlled switch for connecting one to six RS-232 async control devices to 4 to 152 async ports. Connection is by port number or port name. Disconnection is via control code or lowering an RS-232 control lead. Either the port being controlled or the originating control port can lower a control lead to force a disconnect.

The DCB Access Switch can be used to access any 9600 bps async device from a terminal or PC. The Access Switch is especially suited for DCB modems, DSUs, multiplexers and hubs locally or via modems from a remote location.

The Access Switch is available in a 4, 8, 16, 24 and 32 single enclosure unit and an expandable AS-24M version. The AS-04, 8, 16, 24 and 32 have two input ports and eight output ports. The AS-24M is a 24 channel master unit with six input ports and 24 output ports. The AS-24M can be expanded by attaching up to four AS-32S slave units. The AS-32S increases the Access Switch from 24 ports to 56 ports, 88 ports, 120 ports or 152 ports.

The Access Switches have at least two input ports allowing both local control and remote dial-in access. All input ports may be active simultaneously. The switch user always gets positive feedback. Port switching requires no cryptic code entry. Ports can be accessed by name or by port number.

The optional modem is an internal V.90 modem. Full modem control is available as well as automatic initialization upon power up and disconnect events.

For devices that can lower an RS-232 control lead on command, disconnection can be via the hardware disconnect method. This makes the switch 100% data transparent, suitable for use between devices transferring binary data. Data transparency also insures that no control codes inadvertently cause a disconnect.

The APS-01 is a power control accessory for the Access Switches that provides the ability to remotely control power to PC's, routers, switches, etc.

SPECIFICATIONS

General

AS-04 4 port model, AS-08 8 port model, AS-16 16 port model,
AS-24 24 port model, AS-32 32 port model, AS-24M 24 port master
AS-32S 32 port slaves for AS-24M

Input Control Ports

AS-04, 8, 16, 24 and 32 - 2 ports, AS-24M - 6 ports
Internal V.90 modem Optional

Output Ports

AS-04 - 4 ports, AS-08 - 8 ports, AS-16 - 16 port, AS-24 - 24 ports
AS-32 - 32 ports, AS-24M - 24 ports
AS-32S - 32 port expansion unit for AS-24M
Access Switch System Sizes: 4, 8, 16, 24, 32, 56, 88, 120, 156 ports

Port Specifications

1 Start bit, 8 Data bits including parity if used, 1 Stop bit, 10 Bits total
9600 bps RS-232-D async, RJ-45 (8-wire) connectors
Buffered ports

Indicators (front panel)

Power
AS-08, 16, 24, 32 and AS-24M - "Master" LED
AS-32S - "Slave" LED, Port Range

Network Management Port (Exec)

Interface: CCITT V.24, RS-232-D, RJ-45 (8-wire) connectors
One network management port cable included

Executive Port Commands

Help screen, Configure port Ids, Show port Ids, Show connection,
Kill connection, Set Exec Port password, Set disconnect string, Reset

Input Control Port Commands

"Access >>" prompt, Help screen, Show Port IDs

Physical/Electrical

Power requirements: 120 VAC, 30-43 watts, .25-.36 amps
Temperature Specification -40 to +70 C
10 1/4" x 9 3/4" x 2 1/4" (AS-04 and AS-08)
10 1/4" x 9 3/4" x 4 1/2" (AS-24M and AS-32S)

APPLICATION

