Viscon AMS-1TOXA/P/M Serial Splitter/Multiplexer

Model numbers

- Viscon-AMS-1TOXP Passive splitter
- Viscon-AMS-1TOXA-V Active splitter
- Viscon-AMS-1TO3M-V Serial Multiplexer

X : 3 or 5 according to number of sub-ports
V : input supply voltage 12,30,48 or 110VDC

Application note

Suitable to split a single RS232 port into a maximum of 3 or 5 sub-ports. Data received on COM master port is simply and transparently transmitted on the sub-ports and vice-versa. For splitter, only one sub-port device may communicate at a time. For serial multiplexing, a pair of Viscon-AMS is required.

Features

1 DTE Master to 3 or 5 DCE Sub-Ports – each port has own RS232 driver (for Active models only).

Transmit (TX) and Receive (RX) signal indicators.

Interface : RS232 transparent data format and speed

Standard DB25 connectors – TX, RX and GND only.

Built-in DC-DC converter with 12VDC input (for Active models only).

Total Front access

Uses standard off-the-shelves RS232 driver integrated circuit components for reliable and proven RS232 interfacing.

Installation

Depending on model, connect COM port to DTE and COM1, COM2, COM3 and additionally COM4 and COM5 sub-ports to desired DCE devices (eg. Modem, Serial Terminals).


Technical Specification

Electrical Specification

Supply Voltage Options (for Multiplexer & AMS-Active)	
Nominal (±10%)	12VDC 30VDC 48VDC 110VDC

RS-232 Interface	TX and RX
Minimum data signal input voltage	$\pm$5VDC
Maximum data signal output voltage (for AMS-Active)	$\pm$12VDC

Mechanical specification

Temperature range	0-50C
Connection type	DB25
Humidity (non-condensing)	$\leq$90%
Dimensions (cm)	20Wx8Hx4D

Viscon-AMS-1TOXP/A Splitters
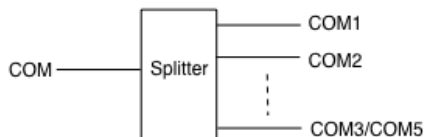
Viscon-AMS-1TO3M Multiplexer
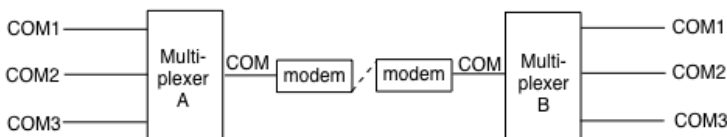
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