EX9000 SERIES

RS232/422/485 repeater

EX9510/A

Introduction:

The EX-9510 repeater boosts the RS-422/485 signals to extend the reach distance up to 4000 ft (1200m) and increase the maximum number of connected nodes up to 128. With a special circuitry, EX-9510 is able to automatically detect the data flow and switch the direction of the data lines accordingly.

"Auto baud rate detector" enables EX-9510 to automatically configure RS-422/485 signals to any baud rate without external switch setting. Build in Opto-isolations on EX-9510 provides 3000VDC of isolation to protect the host computer from ground loops and destructive voltage spikes on the RS-422/485 data lines.

EX-9510 also offers internal surge-protection on the data lines. Internal high-speed transient suppressors on each data line protect the module from dangerous voltages levels or spikes.

Features:

- Automatic internal RS-422/485 bus supervision
- No external flow control signals required for RS-485
- Minimum 3000VDC isolation protection
- Transient suppression on RS-485 data lines
- Supported baud rate up to 115.2Kbps
- Reach distance up to 4000 feet (1200m)
- Reserved space for termination resistors (R8,R9)
- Power and data flow indicator for troubleshooting
- Power requirement: +10V to +30VDC
- Mounts easily on DIN-rail or panel