

CAN Bus Extender

Network Packet Reproducer for CAN Based Networks.

Product Description

The CAN Bus Extender is a device which receives and retransmits all network packets from one side of a CAN bus network to the other. A CAN network's rated maximum length is determined by cable characteristics and quality. With the CAN Bus Extender these lengths can be doubled or tripled.

The CAN Bus Extender is also excellent for implementing long branches from a CAN network's main trunk line. By using this device long loop-backs in network architecture, which waste valuable cabling and network length, can be avoided.

CAN Bus Extender can be used in any CAN based network including **DeviceNet**.



Benefits:

- Extends length of CAN bus networks.
- Eliminates long loop-backs in network architecture.

Key Features:

- LED's for Network power, network errors, and traffic.
- Less than 1 millisecond required for packet transfer from one channel to the other.

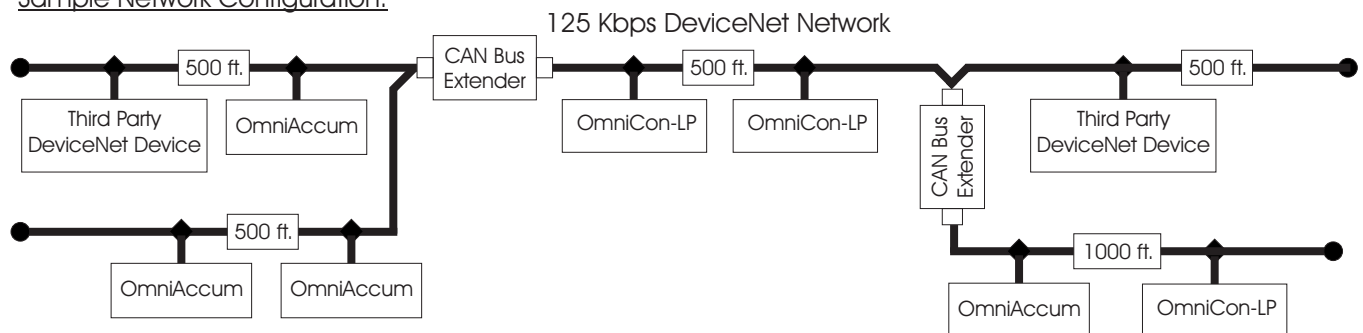
Special Feature:

- When used with OmniCon type motorized roller conveyor controls the CAN Bus Extender isolates Omni Control device's network interlock messaging from one side of CAN Bus Extender to the other. This reduces traffic on network and increase the network reliability.

Specifications:

- Network speed - 125 kbps
- Voltage range - 18 - 28 VDC
- Current Consumption - network:60mA max.
- Throughput - 1900 packets/second total (Full Duplex)

Sample Network Configuration:



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