

J1939 CAN Gateway

J1939, the most common network protocol used in heavy duty vehicle applications, was originally specified for 250kbaud communication among vehicle components. More recently, requirements to double network speed and move from 250 kbps to 500 kbps have been adopted. This device allows you to send and receive communications between the 250 kbps bus and the 500 kbps bus.



Specifications

Power Supply Voltage: 8-32 VDC
Power Supply Current: 50 mA max @ 24VDC
Protection: Reverse polarity, transient voltage
Temperature Range: -40° to 85°C
Environment: IP67

Unit Connections

Pin 1: +Battery
Pin 2: Ground
Pin 3: CAN H (250K bus)
Pin 4: CAN L (250K bus)
Pin 5: CAN H (500K bus)
Pin 6: CAN L (500K bus)