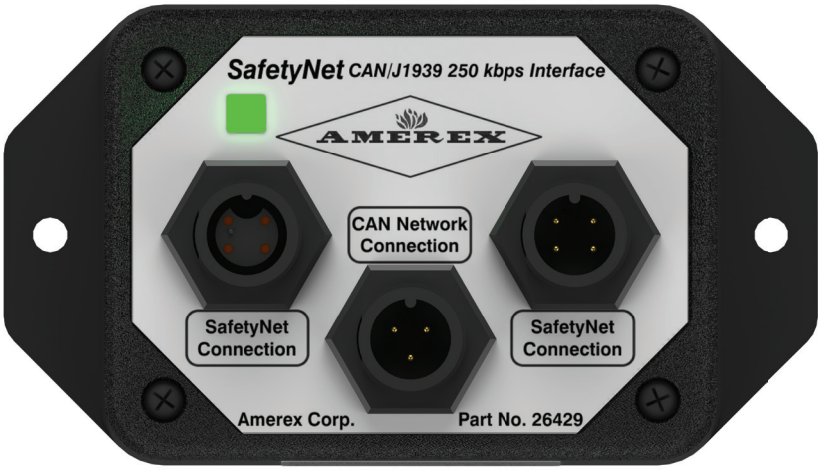
PRODUCT DATA SHEET

CAN/J1939 – INTERFACE MODULE

The **SafetyNet CAN/J1939 Interface Module (CAN Module)** interfaces with Amerex Fire Suppression and Gas Detection electronics to transmit diagnostic messages to the vehicle network, operating at either 250k or 500k baud rate. Integration with telematics reporting software provides the user with a live system status. If desired or needed, a detailed troubleshooting of the SafetyNet system status can be achieved via the reporting platform. The device is installed as a module residing in the SafetyNet communication cable network. The proprietary SafetyNet codes are regularly transmitted on the network of SafetyNet modules and sensors. The CAN Module reads, sorts and translates SafetyNet messages into a SAE CAN/J1939 DM1 format. Sensor and module specific messages such as system Fire and Trouble conditions are recorded and transmitted to the CAN/J1939 network where they can be viewed and reported via the telematics system.

SafetyNet CAN/J1939 Components
P/N 26429 Module, 250K Baud
P/N 27203 Module, 500k Baud
P/N 26430 Interface Cable, 1 meter (required for either Module)



FEATURES:

- Compatible with all previous version SafetyNet systems
- Provides SafetyNet diagnostic messages to vehicle CAN/J1939 network
- May be used for system maintenance and safety system diagnostic review
- RoHS, Reach & WEEE compliant construction
- Two separate part numbers for 250k and 500k baud rate vehicle CAN networks
- Coordinates SafetyNet internal clock with vehicle CAN controller

BENEFITS:

- Connects to vehicle CAN/J1939 AVM network and allows for simplified diagnostics and maintenance
- Provides SafetyNet diagnostic messages which may be included with all other telematics reports
- Translates and transmits SafetyNet proprietary messages to the CAN/J1939 network
- Automatic synchronization of SafetyNet internal clock which allows for coordinated event tracking

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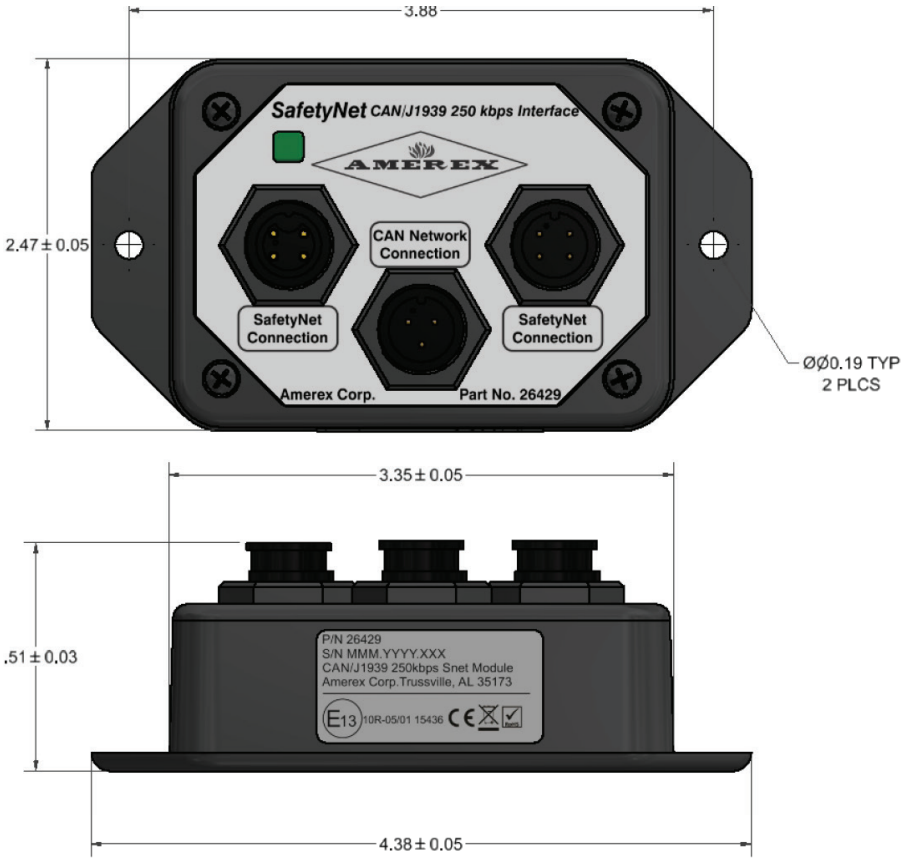
CAN/J1939 – INTERFACE MODULE

SafetyNet CAN/J1939 Interface Module Dimensional Data



ELECTRICAL SPECIFICATIONS	
Operating Voltage	10–30 VDC
CAN Output	5 VDC differential
26429 CAN baud rate	250k
27203 CAN baud rate	500k

MECHANICAL SPECIFICATIONS	
Dimensional	4.38" L x 2.47" W x 1.5" H (111 mm x 63 mm x 39 mm)
Weight *(not including CAN cable)*	8 oz. (227 g)

ENVIRONMENTAL SPECIFICATIONS	
Temperature	-40° F to +185° F (-40° C to +85° C)
Flammability Rating	UL94 V-0

OPERATING CHARACTERISTICS	
Supervised Circuits	• Supervised via CAN network
LED Display	• Power On – Green LED • Trouble Indicator – Yellow LED

TEST AGENCY APPROVALS	
EMC Compliance	ECE324R10.05

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