

PLC Gateway Module



Asset Identification Solutions

“Gateway” a una flota de camiones más inteligentes, más controlada.

- Patente pendiente de la tecnología de identificación
- Efectiva en la prevención de los envíos incorrectos
- ROI en una sola mala conexión

The PLC Gateway Module

PLC4TRUCKS PLC Gateway module (PLCG) permite comunicación bidireccionales para RS232 , J1708, CANBus o TTL dispositivos equipados para acceder al los mensajes del PLC que están en el tractor y el cable de remolque ABS . El módulo puede leer directamente y programar el Identificador de PLC /Tag y así permitir que los dispositivos wireless lean el ID del tractor o del remolque y establecen tiempos de enganche y desenganche de eventos - los datos pueden ser leídos a partir de módulos y sensores del ABS en el bus del PLC.

Características de Gateway Module

- Comunicaciones bidireccionales en el bus del PLC
- Comunicación bidireccional sobre the host interface
- 10 a 32 VDC Voltaje de funcionamiento
- CanBus, RS232 or J1708 or RS485 or TTL host interface
- Encendido automático a la detección
- Un digital output
- Un low input activo digital
- FEEDTHRU o modos de hacer funcionar el filtro (host seleccionable)
- Indicador de robo /Trigger



Permite a cualquier wireless o OBC en el tractor o remolque, con una interfaz serial/J1708 para recibir o transmitir mensajes de PLC.



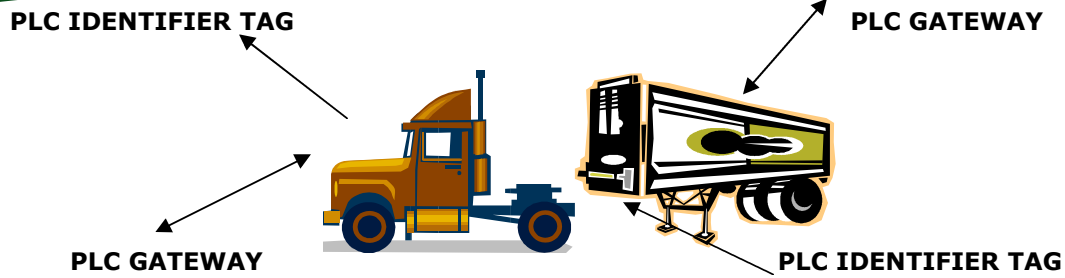
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Typical Application of the PLC Multiple Voltage PLC Gateway



Technical drawing of the PLC MW Gateway. The drawing shows a rectangular device with a label on the top left. The label contains the following text: 'PLC MW GATEWAY', 'P/N: XXXX', 'XXXXXXXX', 'hegemonelectronics.com', and 'Made in USA'. Dimensions are provided: a height of 1.980" [50.292] and a width of 0.600" [15.240]. A circular feature on the left has a diameter of 0.188" [4.763]. Below the main drawing is a smaller drawing of a component with a pinout diagram showing pins 8, 4, 5, and 1.

PIN OUTS FOR J1708 VERSION

PIN 1 = J1708 A	PIN 5 = DIGITAL OUTPUT
PIN 2 = J1708 B	PIN 6 = PLC SIGNAL
PIN 3 = NO CONNECT	PIN 7 = POWER INPUT
PIN 4 = DIGITAL INPUT	PIN 8 = GND

PIN OUTS FOR RS232 VERSION

PIN 1 = TX	PIN 5 = DIGITAL OUTPUT
PIN 2 = RX	PIN 6 = PLC SIGNAL
PIN 3 = FLOW CONTROL	PIN 7 = POWER INPUT
PIN 4 = DIGITAL INPUT	PIN 8 = GND

Part # 2828: RS232 Multi-Voltage Gateway
 Part # 2829: J1708 Multi-Voltage Gateway
 Part # 3110: J1939 Multi-Voltage Gateway

Applications

- Positive trailer and/or tractor identification
- ABS Warning Information
- Trailer ID from trailer ABS
- Brake Stroke Indicator
- Reefer Temperature
- Reefer control from Cab
- Trailer Door Status
- Theft Indicator/Trigger



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- Analog and Digital System Design
- Embedded Electronic System Designs
- Software Development in C/ C++ and Visual Basic
- PCB Layout
- Test Equipment Design
- EMC Compatibility Solutions
- Complete System Designs