

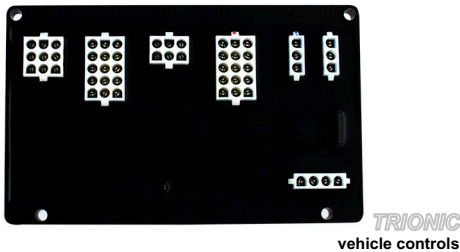


**Product Highlights**

- CANbus enabled Vehicle controller
  - IC, hybrid, and electric Powered Vehicles
- Many I/O ...All types...High Side Digital Outputs, Analog, PWM, Digital Inputs

The **GP450** is an electronic controller for electric, hybrid, and IC industrial vehicles. For the Industrial Vehicle OEM with a wide ranging product line the GP450 offers the ability to standardize and customize their product line with a single machine controller for all vehicles. It's wide variety and numerous I/O are sufficient for many vehicle designs. If additional features are required, the OEM has the ability to customize to each vehicles' product requirements using CANbus . For example it may command a motor controller such as Trionic's SEM600 or P600 or control I/O such as Trionic's General Purpose GP440 Platform I/O, GP Mini I/O, H-Bridge Module or, the Valve Current Control Module (VCCM) for the precise control of control valves.

**General Features**



- Provides protected high side outputs
- Provides PWM outputs
- CANbus interface
- RS232 connection to hand-held "EZcal" for calibration and diagnostics
- "FLASH" memory allows configuration to specific customer needs
- Failsafe functionality to comply with EN 954-3
  - Series-wired output switches from independent microprocessors
  - Detects short-circuit output switches

**Technical Data**

<b>Power Supply</b>	12/24V		8.5 to 33 Vdc
<b>High Side Output</b>	5	protected	
<b>PWM Output (high side)</b>	7	protected	
<b>Low side Outputs</b>	2	protected	
<b>Positive Digital Inputs</b>	17	1.25KΩ imp.	1 RPM counter
<b>Analog Inputs</b>	7	protected	0 to 5 V
<b>Water Proof</b>	IP 67		
<b>Working Temperature</b>	-40 + 60°C		
<b>Overall Dimensions</b>	7.3" x 4.5" x 1.5"		LxWxH

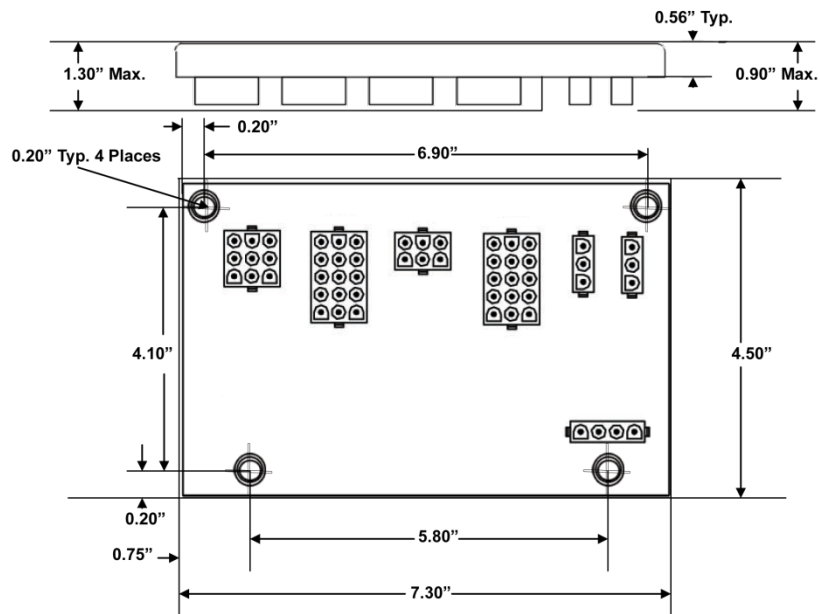


# GP450

Vehicle Controller

185 x 115 x 39mm

## Dimensions



*Overall Dimensions*  
7.30 x 4.5 x 1.5  
185 x 115 x 39 mm