

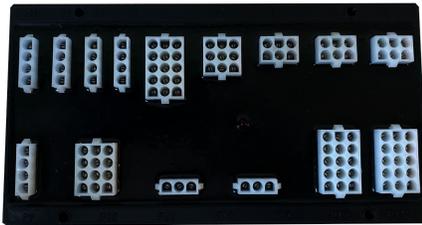
Product Highlights

- Universal CANbus I/O Module
- Rich variety and High I/O count (73)

The **GP442** I/O Module has been specifically designed to minimize the number of connections and plugs needed to connect the platform controls of a Boom Lift. As a result, only CAN and power wires need to be run up the boom.

The **GP442** I/O Module provides a control solution for Boom Lift vehicles when used in conjunction with other *Trionic* modules such as:

- **GP500 + GP442** completes an IC Boom Lift Control System
- **GP500 + GP442 + P600** completes a 48V Electric Boom Lift Control System
- Either a SEM600 or a DAC483 may be added for a 48V Electric Drive System



General Features

- Provides protected High side outputs
- CANbus interface
- RS232 connection to hand-held “EZcal” for diagnostics
- “FLASH” memory allows configuration to specific customer needs
- Failsafe functionality to comply with EN 280-5.4 & 5.11
 - Detects open & short-circuit output valves
 - Detects open & short circuit sensors

TRIONIC
vehicle controls

Technical Data

Power Supply	12 and 24V	8 to 33 Vdc	
High Side Output	8	2.5A	
High Side PWM Output	8	2.5A	4 pairs
High Side PWM Output	4	2.5A	
Positive Digital Inputs	35	1.25K Ω imp.	
Diff. Analog Inputs	4	\pm 2-10 mV	load cell bridges (per EN 280-5.11.3.1a)
Analog Input	14	0 to 5 V	protected
Water Proof	IP 67		
Working Temperature	-40 + 60°C		
Overall Dimensions	8.9" x 4.73" x 0.9" 226 x 120 x 23 mm		L x W x H

