

CANLink[®] CL-202-1XX Module Family Input Module



The CL-202 is a solid-state microprocessor based module and member of the HED[®] CANLink[®] multiplexed control family. Delivered in a Deutsch enclosure, this unit provides a high density I/O count in a compact and economical package.

Designed for use as a stand alone unit or as part of a distributed system, the CL-202 is also available in a clear enclosure with LED indicators for each input for simple troubleshooting in the field.

The HED[®] CL-202 can be programmed using HED[®]'s do-it-yourself CANLink[®] Composer[™] programming tool or directly by HED[®] engineering, and is designed for use with the CANLink[®] Conductor[™] software tool for diagnostics and field troubleshooting.

20 Inputs including:

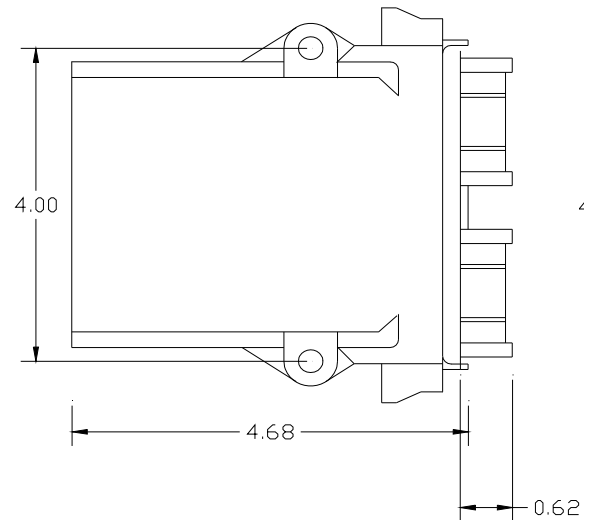
- (12) switch to battery inputs
- (2) inputs software configurable as switch to battery or switch to ground
- (1) input software configurable as switch to battery or switch to ground or frequency
- (1) input software configurable as switch to battery or switch to ground or resistive sensor (RTD)
- (4) inputs configurable as switch to ground or harness codes*
- (1) J1939 CAN port

Specifications	
Enclosure:	Deutsch standard EEC-325x4 PCB enclosure with 24-pin receptacle.
Mating Connectors: Deutsch	DTM06-12SA DTM06-12SB WM-12S (wedge) – Two needed (one per connector) 0462-201-20141 20AWG sockets 0413-204-2005 Sealing Plugs – Unused pins are required to be sealed to maintain module sealing
Operating Voltage Range:	8-18 VDC & 18-32 VDC versions available
Operating Temperature:	-40°C to 70°C
Storage Temperature:	-40°C to 85°C
IP Rating:	IP 6K9K (intended for either interior or exterior installation)
PC Boards:	The printed circuit boards are designed for high EMI/RFI protection. The boards are conformal coated with a silicone coating for further water/moisture protection. All inputs and outputs are protected against shorts to Battery(+) or Battery(-). 100% of the boards are functionally tested before shipment. * Harness codes are switch to ground inputs used to identify I/O module location and function to the master controller

CL-202 Input Module

CL-202 Input Module Pinout

DTM13-12PA (Gray)		DTM13-12PB (Black)	
Pin	Function	Pin	Function
1	Input STB	1	Input STB
2	Input STB	2	Input STB
3	Input STB	3	Input STB
4	Input STB	4	Input STB
5	Input STB	5	Input STB/STG
6	Input STB	6	Input STB/STG
7	Input STB	7	Input STB/STG/RTD
8	Input STB	8	Input STB/STG/FREQ
9	CAN-L	9	Input HID/STG
10	CAN-H	10	Input HID/STG
11	BAT(-) Module	11	Input HID/STG
12	BAT(+) Module	12	Input HID/STG



Note: Different I/O combinations are available. Please refer to specific CL-202-1XX data sheet for I/O number designations for use within Composer™. Data sheets available on HED® website.

