

CANLink[®] CL-202-103 Module Input Module (12V)



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.

16 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) 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
Operating Temperature:	-40°C to 70°C
Storage Temperature:	-40°C to 85°C
IP Rating:	IP 67
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-202-103 Input Module

CL-202-103 Input Module Pinout

DTM13-12PA (Gray)		DTM13-12PB (Black)	
Pin	Function	Pin	Function
1	Input #1 STB	1	Input #9 STB
2	Input #2 STB	2	Input #10 STB
3	Input #3 STB	3	Input #11 STB
4	Input #4 STB	4	Input #12 STB
5	Input #5 STB	5	Input #13 STB/STG
6	Input #6 STB	6	Input #14 STB/STG
7	Input #7 STB	7	Input #15 STB/STG/RTD(0-1K ohm)
8	Input #8 STB	8	Input #16 STB/STG/FREQ
9	CAN-L	9	HID#1
10	CAN-H	10	HID#2
11	BAT(-) Module	11	HID#3
12	BAT(+) Module	12	HID#4

Note: Above pinout is for HED® part number CL-202-103.
Additional part number data sheets available on HED® website.

