CANLink® CL-613-1XX 2x8 Keypad Sealed CAN Keypad Family

Special Features include:

- (16) Multiplexed rubber membrane pushbuttons
    - Also available: 2x4 keypad
- J1939 protocol (CANopen coming soon)
- Sealed construction (IP67)
- Long life: 2million+ key presses
- Large buttons
- Capable of detecting multiple simultaneous key presses
- Dimmable LED indicators
- Dimmable LED backlit icons
- Customizable button labeling / icons
- Customizable LED indicator location & color
    - 3 LED indicators per button
    - 1 LED indicator between some pairs of buttons
      - used for bar graph feature
- (1) Digital switch to battery input
- (1) Sinking output (300mA)
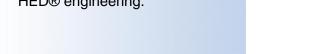- (1) J1939 CAN port

The HED® CL-613 is a solid-state microprocessor based keypad module that is a member of the HED® CANLink® multiplex control family. It provides a versatile, programmable, and highly visible operator interface.

Designed for use as part of a distributed system, the CL-613 can dramatically reduce vehicle dashboard wiring, and can be programmed with a dimming function.

Each button is available in various colors. Additionally, buttons can be programmed to flash codes for simple troubleshooting and warning indications.

The HED® CL-613 is offered as a J1939 or CANLink client, or can be programmed directly by HED® engineering.

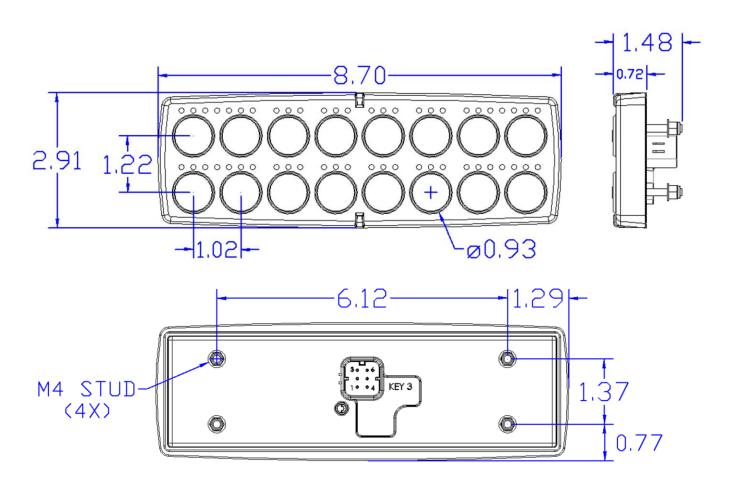| Specifications	
Mating Connector: Amp	Amp 776433-3 776299-2 16-18AWG Sockets 776363-1 Sealing Plug – Unused pins are required to be sealed to maintain product sealing
Operating Voltage Range:	8 to 32 VDC
Operating Temperature:	-40°C to 70°C
Storage temperature:	-40°C to 85°C
IP Rating	IP67
PC Boards:	The printed circuit boards are designed for high EMI/RFI protection. All inputs and outputs are protected against shorts to Battery(+) or Battery(-). 100% of the boards are functionally tested before shipment.

CANLINK®

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CL-613 2x8 Keypad

Amp 6-pin Connector	
Pin	**Function**
1	BAT(+) Module
2	BAT(-) Module
3	CAN-H
4	Output DOUT/PWM/(-) (0.3A)
5	Input STB
6	CAN-L