

## PDU Keypad

The **PDU Keypad** is an intelligent and slim membrane panel designed to replace traditional switch panels in a vehicle's cockpit simplifying wiring and packaging. The PDU Keypad features **20** snap action trans-illuminated buttons in conjunction with **24** programmable LEDs with adjustable brightness control. The input and output states of the keypad are transmitted / received via CAN 2.0B allowing the system to full flexibility with many ECUs & controllers. Used in conjunction with a Life Racing PDU the keypad blends easily with 'PDU Setup' schematic software allowing for quick and easy system integration.



<b>General</b>	<b>Microprocessor controlled 24 x 20 switch and LED keypad</b>
<b>Outputs</b>	<b>20 user configurable general purpose switch outputs</b>
<b>Inputs</b>	<b>24 user configurable LED indicators with adjustable brightness</b>
<b>Interfaces</b>	<b>1 CAN 2.0B interface for communication with other controllers</b> <b>USB for firmware upgrades</b>
<b>Power Supply</b>	<b>6V to 32V input voltage range with reverse polarity protection</b>
<b>Physical</b>	<b>9Way D-type connector</b> <b>Ruggedised plastic moulded case sealed to IP65</b> <b>Splash resistant for motorsport fluids</b> <b>Maximum dimensions including the connectors are 170 x 105 x 35 mm</b> <b>Operating Temperature -25 to +85°C</b> <b>Total mass is ~210 grams</b>

## PDU Keypad Pinout

Mating Connector: Harting 09670094701  
 Connector Crimps: Harting 09670008277  
 Connector Hood: TE Connectivity 5745171-2

PIN	FUNCTION
1	DIGITAL GROUND
2	BATTERY SUPPLY
3	CAN LO
4	CAN HI
5	POWER GROUND
6	DO NOT CONNECT <sup>(1)</sup>
7	DO NOT CONNECT <sup>(1)</sup>
8	DO NOT CONNECT <sup>(1)</sup>
9	DO NOT CONNECT <sup>(1)</sup>

### FOOTNOTES:

<sup>(1)</sup> LR internal use only or custom projects

## PDU Keypad Sticker Kit

The image below shows the overlay sticker set supplied with each PDU keypad.



