

<b>Document Number</b>		RG_SPEC-000x	
<b>Title</b>		Keypad Icons / Symbols	
<b>Revision</b>	<b>Date</b>	<b>Prepared By</b>	<b>Change History</b>
1.0	12/07/11	Chris Brown	Initial release.

This keypad is the main interface between a user and their vehicle. It offers a single integrated electronic device designed to replace rows of individual switches and buttons. It communicates via CAN to a MoTeC PDM (Power Distribution Module) through an interface gateway box. Not only does it provide momentary buttons to activate any PDM output, it also receives feedback status from the PDM on that output. Each button has 3 LED lights along the top indicating output status.

Left = solid Green = output is on

Middle = blinking Orange = output has faulted

Right = solid Red = output is off and no retries exist

## Features

- Lightweight & Compact
- Rugged design for use in extreme environments
- Backlit customize graphical icons available
- LED indicators for real time feedback
- Only 4 wires required for multiple buttons
- Short circuit, reverse polarity protection



## Specifications

Voltage: 8v to 30v  
 Temperature: -40°C to 85°C  
 Environment: IP67  
 Weight: 175 grams / 15 keys  
 105 grams / 8 keys

## Connection

Mating Connector: DT-04

- Pin 1 - Power
- Pin 2 - Ground
- Pin 3 - CAN HI
- Pin 4 - CAN LO

