

# MoTeC

## PUSH BUTTON SWITCHES, IP67



**Small and robust, these push button switches are ideal for mounting on steering wheels and dashboards as a user interface component. They work in conjunction with MoTeC Display/Loggers, ECUs and PDMs, and may be utilised with other devices that accept a momentary input as a switch function, such as Expander modules.**

### ▶ FEATURES

- Momentary action
- Rugged design - vibration and impact resistant for use in extreme environments
- Dust and water resistant - sealed to IP67
- Locknut and 'O' ring supplied
- Non-spark zinc alloy body
- Solder terminal connection
- Available in 5 colours

### ▶ SPECIFICATIONS

- Switching power (max): 16V AC
- Dielectric strength: 1000V AC
- Insulation resistance: 1GΩ
- Contact resistance: 50mΩ
- Current rating (typical) with resistive load:
  - 400mA at 32V AC
  - 100mA at 50V AC
  - 125mA at 125V AC
- Operating life (min): 500,000 cycles
- Shock: 100 g

### Ingress Protection (IP) Rating

- Panel sealing: IP67

### Operating Temperature

- Operating temperature range: -40 °C to +125 °C

### Physical

- Button diameter: 17.5 mm
- Weight: 7.2 grams

### Mounting

- Panel thickness: 1.5 to 3 mm
- Panel cut out:  $\varnothing$ 13.6 mm (with 'D' flat)

### ▶ COLOUR OPTIONS

Colour	Part Number
Red	67036
Yellow	67037
Green	67038
Blue	67039
Black	67040

### ▶ COMPATIBILITY

**MoTeC ECUs:** M1 Series, M84, M400, M600, M800, M880

**MoTeC Displays/Loggers:** All

**MoTeC Accessories:** E816, E888, PDMs

**Many non-MoTeC devices**

### ▶ INSTALLATION

IP67 Panel Sealing is achieved by fitting the supplied 'O' ring behind the body of the switch, then securing the brass locknut to an adequate sealing pressure (1.0Nm to 2.0Nm).

MoTeC recommends the use of 22 gauge Tefzel wiring.

► DIMENSIONS AND MOUNTING

All dimensions in mm.

