

The **OceanTools C-Switch** is a *rugged* and *reliable* range of ROV or diver operated underwater switches, designed for a variety of power switching applications.



## Overview

The **C-Switch** uses a non-contact switching method which allows for the switching of up to 3A at 24VDC. This makes it ideal for use with subsea battery packs and may be used as a **Master On/Off** switch to isolate the battery pack and thus extend its operational life. It can also switch up to 4A at 120VAC, or up to 2A at 240VAC.

The **C-Switch** has **Normally Open**, **Normally Closed** and **Common** connections, and can be supplied with a suitable Impulse IL3FS mating connector tail.

The rotary mechanism may be operated via any ROV manipulator or a diver's hand, with a maximum operating torque of 50Nm. Positive detents are provided in both on and off positions to ensure the switch does not accidentally turn off due to shock or vibration.

The **C-Switch** is machined from nylon and stainless steel and has been designed for maximum longevity in harsh underwater environments. It is chemically inert and corrosion free, thus making it suitable for long-term deployment.

## Options

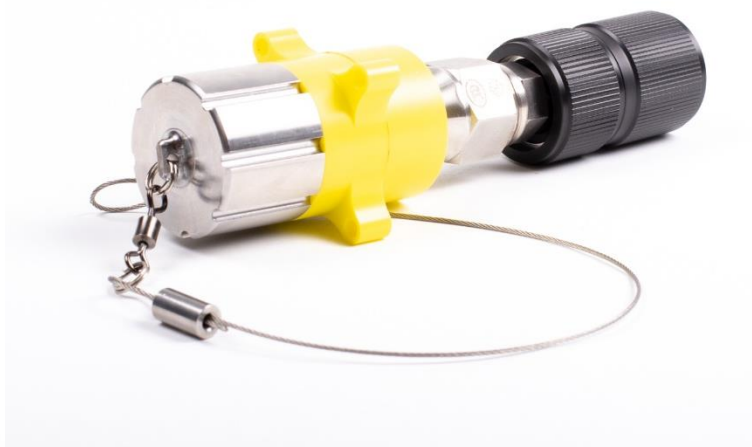
Two compact variants of the original **C-Switch** design are also available:

- The **Mini C-Switch** is smaller than the original design, with a 100mm front plate. The shorter lever can be operated by a small ROV manipulator, or by a diver's hand.
- The **Micro C-Switch** is smaller still, with mounting points at 38mm spacing. Designed for situations where space is at a premium, its rotary knob can be operated by hand.

All variants have the same internal switching mechanism and connector.



Mini C-Switch



Micro C-Switch

## Key Features

- 7000m depth rating as standard
- Switches up to 3A/24VDC, 4A/120VAC, 2A/240VAC
- Positive detents in On and Off positions
- Maximum operating torque 50Nm
- 3 pin Impulse connector

Product datasheets, GA drawings, case studies and other supporting documents are available to download from [data.oceantools.co.uk](http://data.oceantools.co.uk)

All specifications are subject to change without notice. E&OE.

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