## Floating Switches

Stuart Floating Switches are designed for simple, reliable control of a pump dependent on the water level in a tank or sump.

Two versions of Floating Switches are available:-

## Fill or Empty

This version can be used to control a pump for either:-

- Tank filling (a high level cutout).
- Tank emptying (a low level cutout).
- Available in 3 or 5 metre cable lengths.


## Fill Only

- Tank filling only (a high level cutout).
- Available in 3 or 5 metre cable lengths.

Settings to alter changes in water level are easily achieved by adjusting the weight fitted on the float cord at the time of assembly.


## Features

- Reliable.
- Easy to install.
- Simple wiring.



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## Operating Conditions

The diagram below shows a typical fill or empty installation for the Stuart Floating Switches.


Electrical

| Model | Type | Voltage | Max. Current Rating <br> Resistive |  | Inductive | Enclosure <br> Rating | Max. <br> Temp |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Ploating Switch - Fill only 3 m cable | Single Pole | $110-250 \mathrm{~V}$ a.c. | 16 Amp | 4 Amp | IP 68 | $50^{\circ} \mathrm{C}$ | 19500 |
| Floating Switch - Fill only 5 m cable | Single Pole | $110-250 \mathrm{~V}$ a.c. | 16 Amp | 4 Amp | IP 68 | $50^{\circ} \mathrm{C}$ | 19501 |
| Floating Switch - Fill/Empty 3 m cable | Single Pole | $110-250 \mathrm{~V}$ a.c. | 16 Amp | 4 Amp | IP 68 | $50^{\circ} \mathrm{C}$ | 19638 |
| Floating Switch - Fill/Empty 5 m cable | Single Pole | $110-250 \mathrm{~V}$ a.c. | 16 Amp | 4 Amp | IP 68 | $50^{\circ} \mathrm{C}$ | 19639 |

Electrical Rating 16 (4) Amp 230V
Note: For control of a pump with a full load in excess of 4 Amps , the Floating Switch must be wired through a connector relay.

## Packaging Specification

| Part No | Plastic Bag <br> Dimensions <br> W x H (mm) | Gross <br> Weight <br> (Kg) |
| :---: | :---: | :---: |
| 19500 | $252 \times 295$ | 0.6 |
| 19501 | $252 \times 295$ | 0.9 |
| 19638 | $252 \times 295$ | 0.7 |
| 19639 | $252 \times 295$ | 0.9 |

All switches come complete with a height adjustable setting weight.

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