

Product information- SWAP series



Want to switch on motor when corporation water starts flowing into your sump tank and to control your sump tank level with dry run protection? Check out the SWAP04-SMFL(Level & flow controller)! Learn more about it on pages 3-5

SWAP

Auto OFF Timers



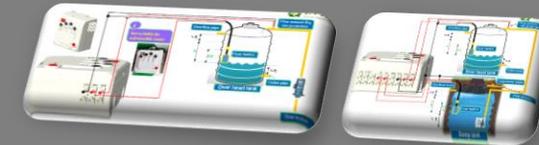
Cyclic Timers



Automatic level controller & flow detector



SWAP *To Save water and power...*



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Auto-OFF Timers Product codes

1. SWAP01
2. SWAP01E
3. SWAP02
4. SWAP02E

Cyclic Timers

Product codes

1. SWAP03C
2. SWAP03AC
3. SWAP03ACF
4. SWAP03ACF-SA

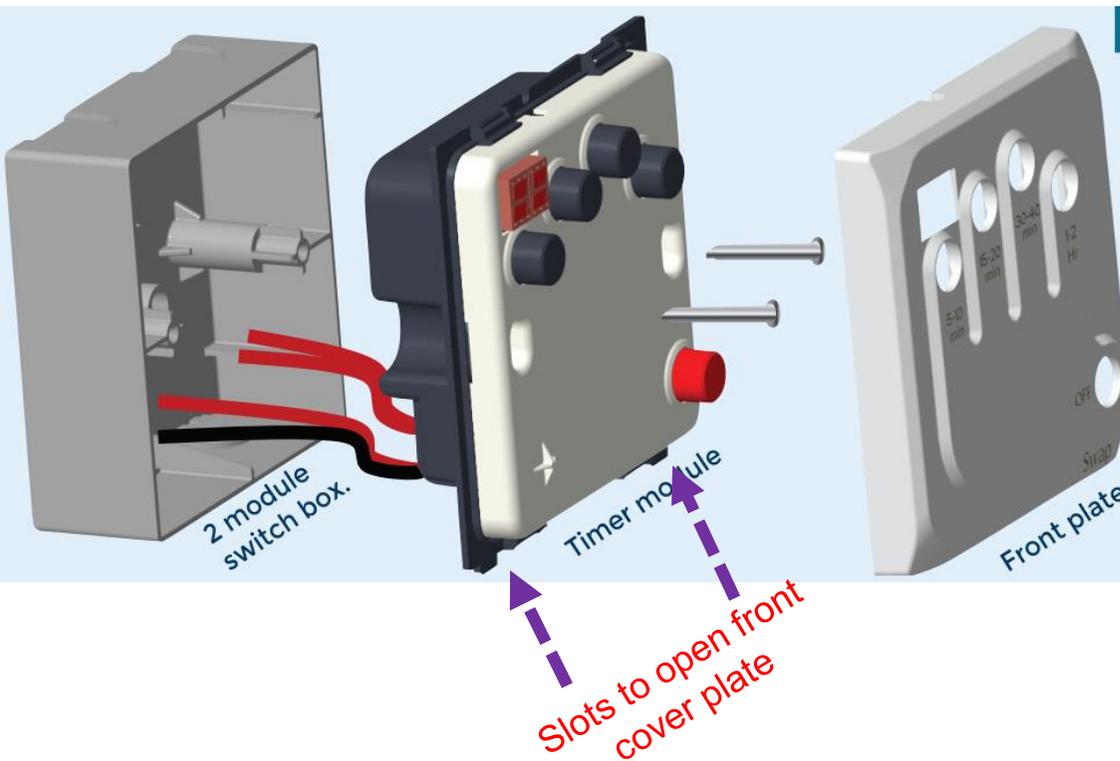
Automatic level & flow controllers

Product codes

1. SWAP04-OL
2. SWAP04-OLF
3. SWAP04-C-OL
4. SWAP04-C-OLF
5. SWAP04-SOL
6. SWAP04-C-SOL
7. SWAP04-C-SOFL
8. **SWAP04-SMFL**
9. SWAP04-OF

SWAP *Save water and power...*

Product with 2 Module/1 Gang-Surface mount box installation



Step 1

Fix the 2 module box on wall & finish the wiring with **SWAP** terminals(Refer upcoming slides)

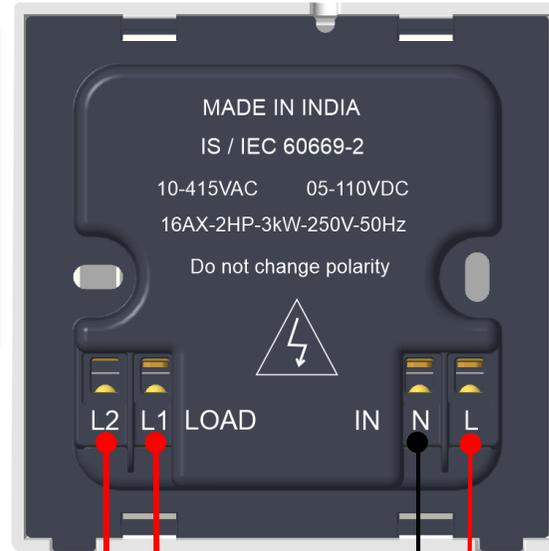
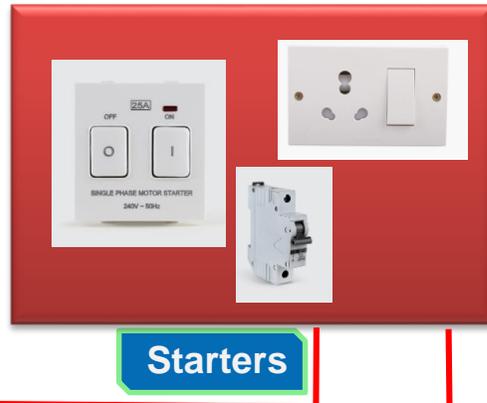
Step 2

Remove the front cover from the product using the slots provided and fix the product onto the 2 module box, using screws.

Step 3

Fit the removed front cover plate, back onto the product.

Connection details of SWAP04-SMFL(Auto detection of Corporation water into the sump with sump level & flow control) for water pumps



Recommended wire cross section

| Connection Terminals | 0.25 - 1 hp (mm ²) | 1-2 hp (mm ²) |
|----------------------|--------------------------------|---------------------------|
| L1 & L2 | 1.5 | 2.5 |
| L & N | 1/1.5 | |

⚠ While making wiring connection first disconnect the power.

- Line/ Phase
- Neutral
- Earth

L
E
N } **Main supply**

i **Only in Auto off timer mode:**
Select the required time on the SWAP Auto-off Timer. To select other time option while the current cycle is running, press the red button and select the time of your choice.

i Available time selections - 5 or 10 min, 15 or 20 min, 30 or 40 min, 1 or 2 Hours. **Saves water and power. Featured with Auto-execution of the remaining time, in case of power interruption.**

& **It is an Automatic level controller by default**

Product & Sensor integration details of SWAP04-SMFL (Water Flow detector and level controller)



Product function

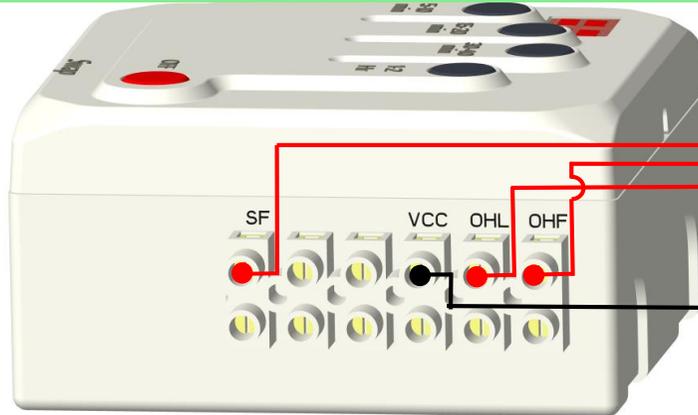
Automatically Switches ON the Motor, When water flows into sump tank (Corporate Water) then It monitors the water delivered by motor.

In case motor runs out of water, motor will get stopped within 40 seconds and waits for 30 minutes (ideally required for motor to cool down). In case the tank's level is full or the water supply from the corporation stops, the motor will stop immediately.



Corporation water

Corporation water



Overflow pipe

$\frac{1}{4}$ (ft)

A ft

$\frac{A}{2}$ ft

$\frac{1}{2}$ (ft)

Sump tank

Flow sensors

Product features

1. Automatic water flow detection.
2. Sump water level control.
3. Dry run protection.
4. Two in one product (Automatic water level controller + Auto OFF timer).



Not suitable for submersible motor



Auto-off timer can be used for temporary filling up of water in the overhead tank (e.g. During scheduled power-cut).