

Product information- SWAP series



Want to automate your water pump for overhead tank with dry run protection? Check out the SWAP04-OLF (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

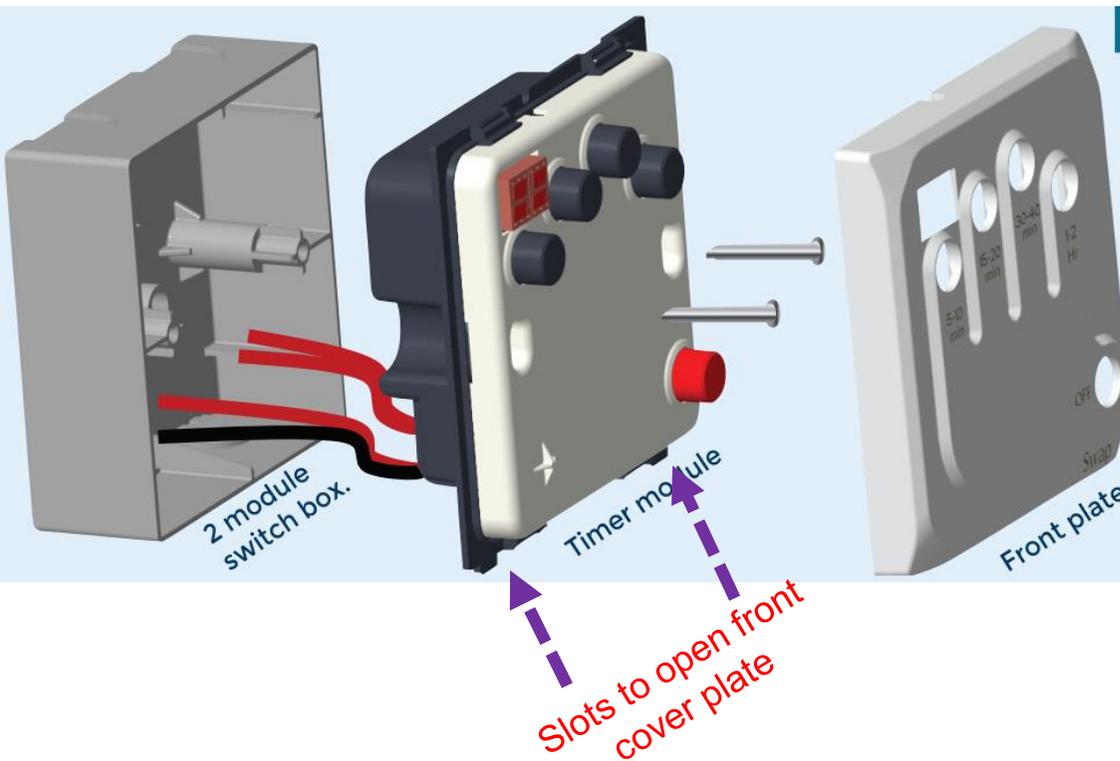
Automatic level & flow controllers

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)

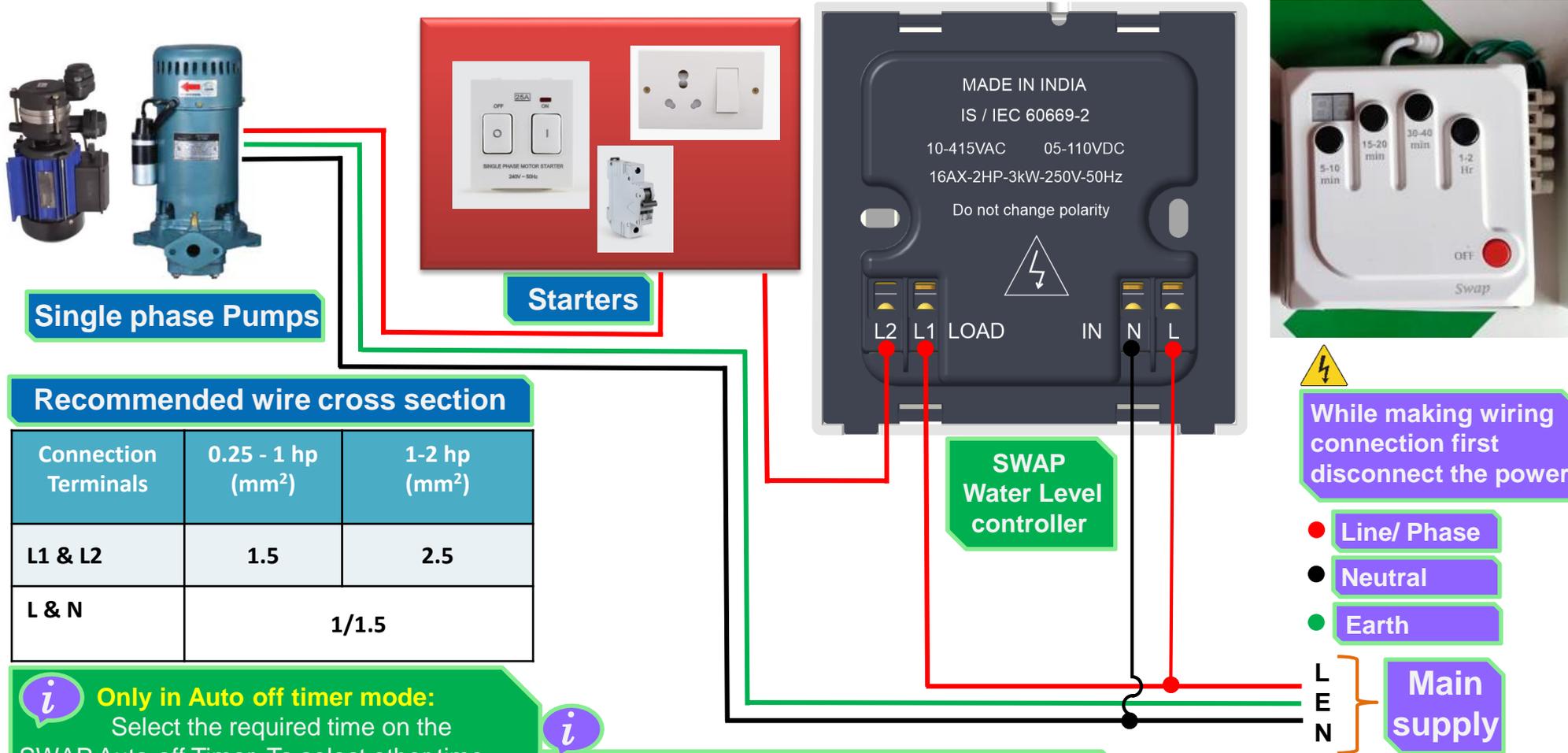
Step 2

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-OLF (Overhead tank water level controller with dry run protection) for Mono-block & Jet Pumps



Single phase Pumps

Starters

SWAP Water Level controller

⚠ While making wiring connection first disconnect the power.

- Line/ Phase
- Neutral
- Earth

Main supply

Recommended wire cross section

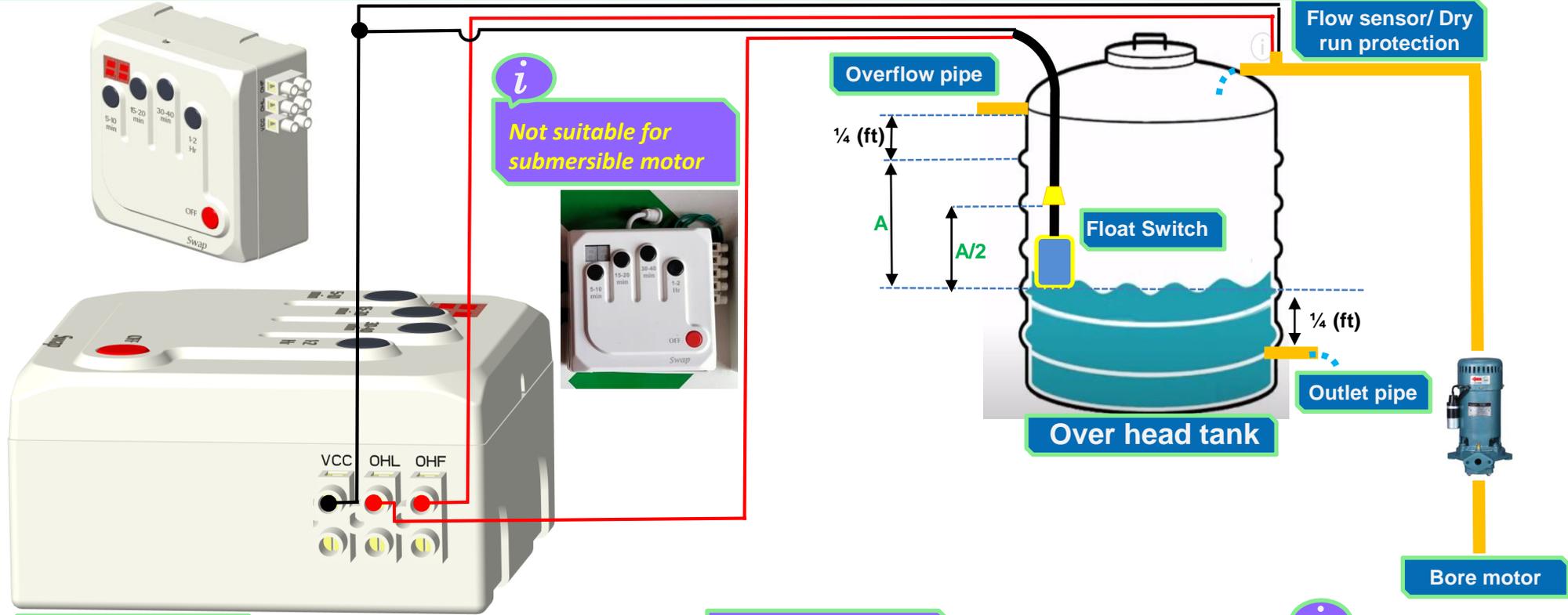
Connection Terminals	0.25 - 1 hp (mm ²)	1-2 hp (mm ²)
L1 & L2	1.5	2.5
L & N	1/1.5	

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 Automatic level controller by default

Product & Sensor integration details of SWAP04-OLF (Overhead tank water level controller with dry run protection) for Mono-block & Jet Pumps



Not suitable for submersible motor

Flow sensor/ Dry run protection

Overflow pipe

1/4 (ft)

A

A/2

Float Switch

1/4 (ft)

Outlet pipe

Over head tank

Bore motor

Product features

1. Automatic water level control for overhead tank.
2. Dry Run Protection for motor.
3. Two in one product (Automatic water level controller + Auto OFF timer).
4. Auto- off timer with feature for Auto-execution of the remaining time in case of power interruption.

Product function

Automatically switches ON the motor when the overhead tank water level is low and checks if the motor is running out of water. Switches OFF the motor within 40 seconds if it runs out of water and waits for 30 minutes before switching it ON again. Also, switches OFF the motor when the water level is high.

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