Product information- SWAP series



Want an easy way to save energy and automated control of motor, light, AC, heaters and any time control application? Check out our SWAP series product! Learn more about it from page 3 to 10

Auto OFF Timers







SWAP

Cyclic Timers



Automatic level controller & flow detector



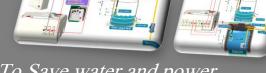












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Auto-OFF Timers Product codes

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
- 3. SWAP04-SMFL
- 9. SWAP04-OF

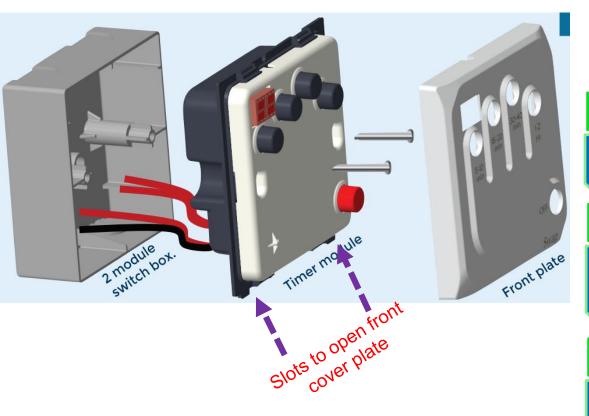
SWAP To Save water and power...



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.

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Product & Connection Details- Auto OFF Timer-SWAP01E for Mono-block, Jet & Compressor Jet







Recommended wire cross section

Connection Terminals	0.25 - 1 hp (mm²)	1-2 hp (mm²)
L1 & L2	1.5	2.5
L&N	1	/1.5

After installation, select the required time on the SWAP Auto OFF Timer, then switch ON the MCB/Switch /Push Starter, to start the motor. To select other time option while current cycle is running, press the red button and select the time of your choice.

Do not change polarity L2 L1 LOAD IN Ν **SWAP Auto OFF Timer** Available time selections - 5 or 10 min, 15 or 20

MADE IN INDIA IS / IEC 60669-2

16AX-2HP-3kW-250V-50Hz

05-110VDC

10-415VAC

While making wiring connection, first disconnect the power.

Line/ Phase

Neutral

Earth

Main supply

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.

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Product & Connection details of SWAP01E Auto OFF Timer for Geysers/Water heaters





MADE IN INDIA IS / IEC 60669-2

10-415VAC 05-110VDC 16AX-2HP-3kW-250V-50Hz

Do not change polarity

IN N

SWAP Auto

OFF Timer

L2 L1 LOAD

This device saves energy by eliminating standby heat loss of heaters. It can prevent electric shocks from water heaters by practice- contact us for



While making wiring connection first disconnect the power.

- Line/ Phase
- Neutral

more details

Earth

Main supply

Recommended wire cross section

Connection Terminals	1.5kW (mm²)	3kW (mm²)
L1 & L2	1.5	2.5
L&N	1	/1.5

After installation, switch ON the main MCB, then select the desired 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.

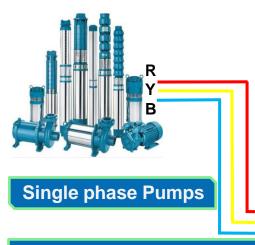
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Available time selections - 5 or 10 min, 15 or 20 min, 30 or 40 min, 1 or 2 Hours. It Saves water and power. Featured with Auto-execution of the remaining time in case of power interruption.

Product & Connection details of SWAP01E Auto OFF Timer with Green push button Starter









Recommended wire cross section

Connection Terminals	0.25 - 1 hp (mm²)	1-2 hp (mm²)
L1 & L2	1.5	2.5
L&N	1	/1.5

After installation, Select the desired time on the SWAP Auto OFF Timer and switch ON the MCB on the starter then Push the green button for only 3 seconds. To select other time option while the current cycle is running, press the red button and select the time of your choice.

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

MADE IN INDIA IS / IEC 60669-2

16AX-2HP-3kW-250V-50Hz

Do not change polarity

SWAP Auto

OFF Timer

05-110VDC

IN N

10-415VAC

L2 L1 LOAD

While making circuit

connection first disconnect the power.

Line/ Phase

Neutral

Earth

Main supply

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Product & Connection details - SWAP01E with starter for single phase submersible pumps



05-110VDC

MADE IN INDIA IS / IEC 60669-2

16AX-2HP-3kW-250V-50Hz

Do not change polarity

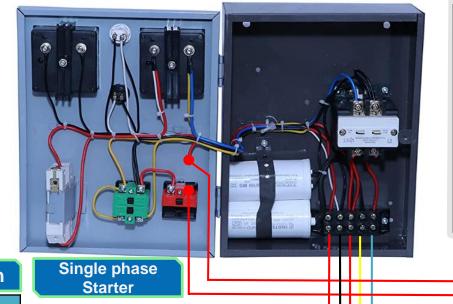
10-415VAC

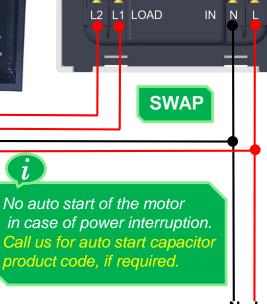


Recommended wire cross section

Connection	0.5 - 5 HP
Terminals	(mm²)
L1, L2,L & N	1/1.5

After installation, Select the desired time on the Swap Auto OFF Timer, then push the green button on the starter to start the motor. To select other time option or to stop the motor while the current cycle is running, press the red button and select the time of your choice.





Main supply

Motor wire

Water pumps

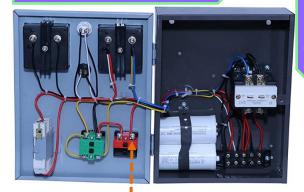
R.YB

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Connection details - SWAP01E with single phase Submersible starter



Typical Starter appearance

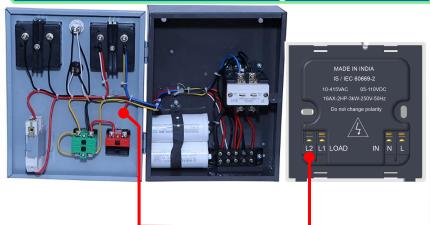


While making any wiring connection first disconnect the power.



Step 1

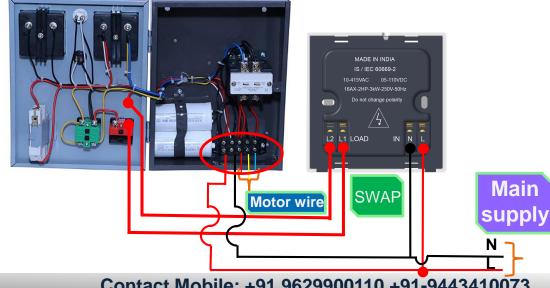
First, remove wire from any one terminal of the red push button, and then connect that same wire to the L2 of the Auto-OFF Timer as shown in the image below.



Take a new wire and connect one end to the red-Step 2 Colored push button terminals and the other end to the L1 of the SWAP, as shown in the image below.



Now, without removing the existing L&N wire Step 3 of the Starter panel, loop the L&N terminal of the Auto OFF Timer to the Starter panel.



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Product & Connection details of SWAP01E for DOL/Star-Delta Starter

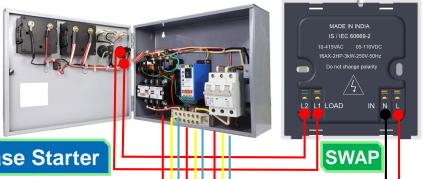








We did not provided auto start for the motor in case of power interruption for safety reasons. Call us for to know more about it.

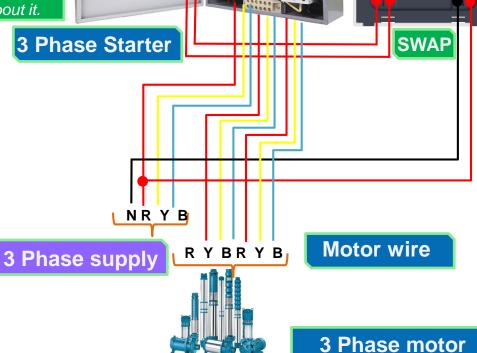


3 Phase Starter

Recommended wire cross section

Connection	0.5 - 5 HP
Terminals	(mm²)
L1, L2,L & N	1/1.5

After installation, switch ON the 3 Phase main power supply ,then select the desired time on the SWAP Auto OFF Timer then push the green button on the starter to start the motor. To select other time option or to stop the motor while the current cycle is running, press the red button and select the next cycle.



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Connection details of SWAP01E with DOL/Star-Delta Starter



Starter default appearance



While making any wiring connection first disconnect the power.



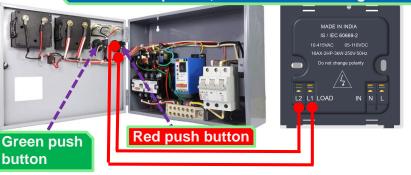
Step 1

First, remove the wire from any one terminal of the red push button, and then connect that same wire to the L2 of Swap Timer as shown in the image below.



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Step 2 Take a new wire and connect one end to the red colour push button terminals and the other end to the L1 of Swap timer, as shown in the image below.



Step 3

Now, without removing the existing L&N wire of the Starter panel, loop the L&N terminal of the Auto OFF Timer to the Starter panel.



Main supply

Enlarged

view

L2