Product information- SWAP series

Want an easy way to save energy and automated control of motor, light, AC, heaters etc?
Check out our SWAP series of product ! Learn more from page 6 to 53

SWAP

Auto OFF Timers

Cyclic Timers

Automatic level controller & flow detector

SWAP To Save water and power…

EVIQ DESIGN SOLUTIONS

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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
Auto Off timers for e-vehicle battery chargers	Product codes	1. SWAP05BC
Auto Off timers (time options in seconds)	Product codes	1. SWAP06
Programmable (Auto-off /cyclic timers/counters)	Product codes	1. SWAP07E 2. SWAP07CD 3. SWAP07ECY 4. SWAP07ECYH

SWAP

To Save water and power…

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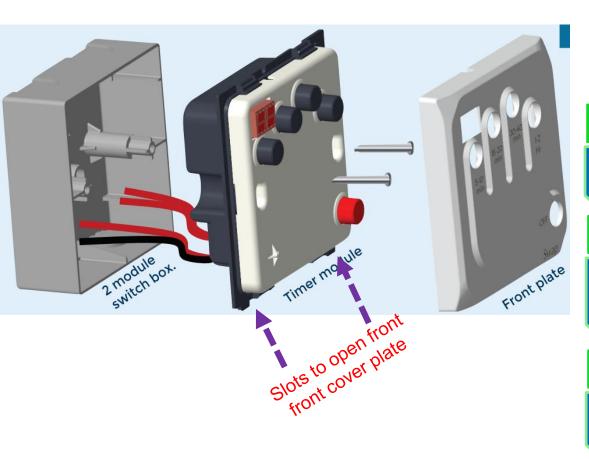
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Description	Specification
Rated Load terminal Voltage	250VAC,50HZ / 30V DC
Rated control terminal Voltage	85-305V AC, 50/60Hz / 70-430V DC
Ratted current / Load	(16AX/2HP/3kW(Heating element)@AC / 20A@DC
Number of output / load channels	1 or 2 channels with load ratting(1@16AX, 2@8AX)
Mounting method	Flush/ Surface
Suitable box	2 Module Box / 1 Gang (From 25 mm Depth)
Conforms to standard	IS/IEC 60669-2
Color	White
Warranty	1 Year
Product weight	135 Grams
Product Dimensions	87x87x38mm
Product packaging box dimensions	100x100x70 mm

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2 module switch box.

Timer module

Front plate

Slots to open front front cover plate

Step 1
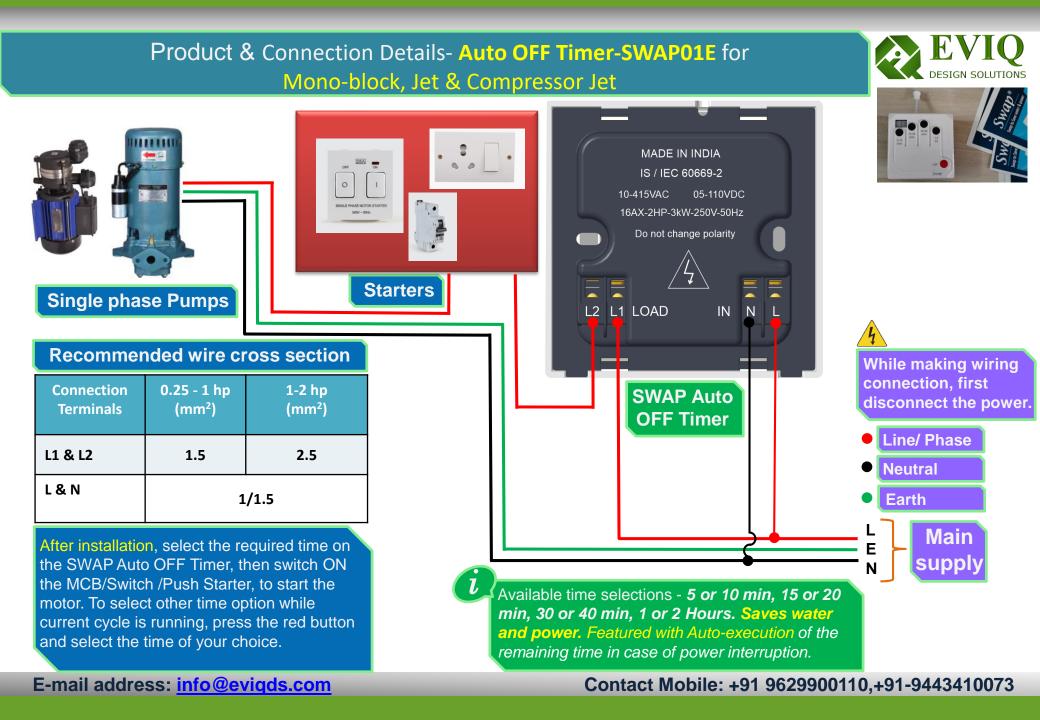
Fix the 2 module box on wall & finish the wiring with SWAP terminals(Refer upcoming slides)

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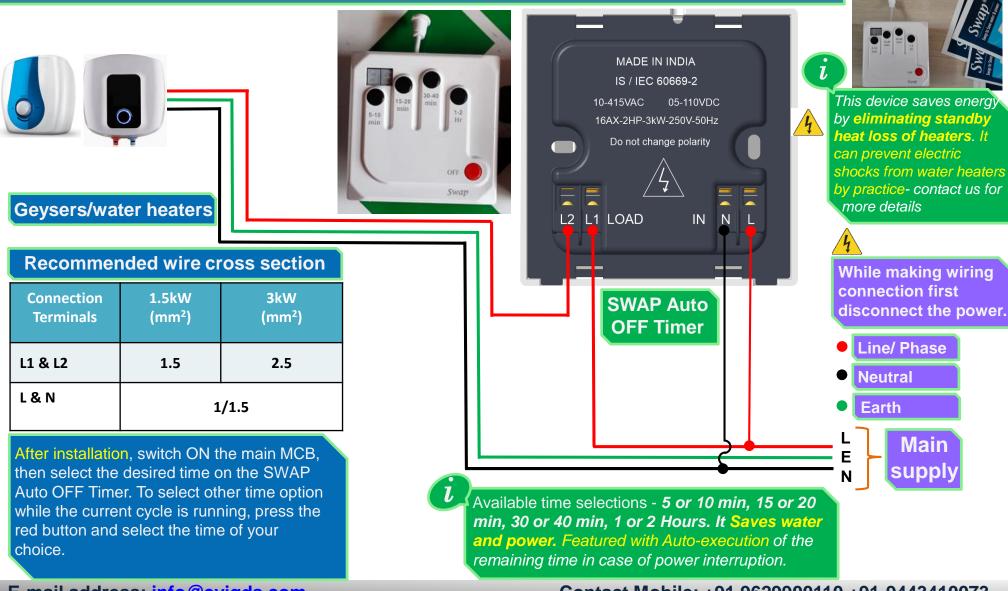
Remove the front cover from the product using the slots provided and fix the product onto the 2 module box, using screws.

Step 3

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

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

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Single phase Pumps

Starters

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN N L

SWAP Auto OFF Timer

While making wiring connection, first disconnect the power.

● **Line/ Phase**
● **Neutral**
● **Earth**

L
E
N

Main supply

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.

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.*

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

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Geysers/water heaters

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.

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN N L

SWAP Auto OFF Timer

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

While making wiring connection first disconnect the power.

- ● **Line/ Phase**
- ● **Neutral**
- ● **Earth**

L
E   **Main**
N   **supply**

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**

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Single phase Pumps

R
Y
B

Starter

MADE IN INDIA

IS / IEC 60669-2

10-415VAC   05-110VDC

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

Do not change polarity

L2   L1   LOAD   IN   N   L

SWAP Auto OFF Timer

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	

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.

While making circuit connection first disconnect the power.

● **Line/ Phase**
● **Neutral**
● **Earth**

L
E
N

Main supply

ⓘ 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.

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MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN N L

Single phase Starter

SWAP

Recommended wire cross section

Connection Terminals	0.5 - 5 HP (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.

R Y B

Motor wire

i

No auto start of the motor in case of power interruption. Call us for auto start capacitor product code, if required.

Water pumps

N   L

Main supply

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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.

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2   L1   LOAD   IN   N   L

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

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2   L1   LOAD   IN   N   L

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.

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2   L1   LOAD   IN   N   L

Motor wire   **SWAP**   **Main supply**

N

L

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3 Phase Starter

i

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

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN N L

SWAP

15-20 min   30-40 min
5-10 min   1-2 Hr
OFF
Swap

Recommended wire cross section

Connection Terminals	0.5 - 5 HP (mm^2)
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.

N R Y B

3 Phase supply

R Y B R Y B

Motor wire

3 Phase motor

Starter default appearance

While making any wiring connection first disconnect the power.

Enlarged view

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.

Enlarged view

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN N L

Connect to L2 of Swap timer

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.

Enlarged view

Green push button

Red push button

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN N L

L1

L2

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.

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN N L

N   L

Main supply

Product & Connection details of **SWAP02E Auto OFF Timer** for **Street, Compound & Signboard lightings**

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Lighting loads

MADE IN INDIA

IS / IEC 60669-2

10-415VAC   05-110VDC

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

Do not change polarity

L2 L1 LOAD   IN N L

SWAP Auto OFF Timer

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. To select other time option while the current cycle is running, press the red button and select the time of your choice.

While making wiring connection first disconnect the power.

● **Line/ Phase**
● **Neutral**
● **Earth**

L
E
N

Main supply

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.

E-mail address: info@eviqds.com   Contact Mobile: +91 9629900110,+91-9443410073

Product & connection details of **SWAP03C Cyclic Timer** for **Street, Compound & Signboard lightings**

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Lighting loads

SWAP Cyclic Timers

Timer panel

L1-L2 E1-E2 A1-A2 F1-F2

Cycle	L1	L2	E1	E2	A1	A2	F1	F2
ON Hrs	0:05	0:15	0:30	4:00	5:00	6:00	12:00	13:00
OFF Hrs	1:00	1:00	1:30	20:00	19:00	18:00	12:00	11:00

OFF

Swap

swap to save water and power

Device

MADE IN INDIA

IS / IEC 60669-2

10-415VAC   05-110VDC

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

Do not change polarity

L2 L1 LOAD   IN N L

L

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	

After installation, switch ON the main MCB, then select the desired cycle on the SWAP Auto Cyclic Timer. To select other time option while the current cycle is running, press the red button and select the time of your choice.

i *Uninterrupted Power required for Internal Clock inside the Device; In Case of Power Failure, Clock will get reset; Hence, we recommend users to use Inverter phase for SWAP (L) Terminal alone.*

While making wiring connection first disconnect the power.

Inverter Phase/line Recommended

● **Line/ Phase**

● **Neutral**

● **Earth**

L
E
N

Main supply

i *Has feature for Auto-execution of same cycle in case of power Interruption.*

Available time cycle selections are

Cycle	L1	L2	E1	E2	A1	A2	F1	F2
ON Hrs	0:05	0:15	0:30	4:00	5:00	6:00	12:00	13:00
OFF Hrs	1:00	1:00	1:30	20:00	19:00	18:00	12:00	11:00

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Motor loads

MADE IN INDIA

IS / IEC 60669-2

10-415VAC   05-110VDC

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

Do not change polarity

L2   L1   LOAD   IN   N   L

SWAP Cyclic Timers

L1-L2   E1-E2   A1-A2   F1-F2

Cycle	L1	L2	E1	E2	A1	A2	F1	F2
ON Hrs	0:05	0:05	0:10	0:10	0:15	0:15	0:20	0:20
OFF Hrs	1	2	1	2	1	2	1	2

OFF

Swap

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	

After installation, switch ON the main MCB, then select the desired cycle on the SWAP Auto Cyclic Timer. To select other time option while the current cycle is running, press the red button and select the time of your choice.

While making wiring connection first disconnect the power.

L

Inverter Phase/line Recommended

Line/ Phase

Neutral

Earth

L
E
N

Main supply

i Contact us for overflow tank controller.

Has feature for Auto-execution of same cycle in case of power Interruption.

Motor loads

MADE IN INDIA

IS / IEC 60669-2

10-415VAC   05-110VDC

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

Do not change polarity

L2 L1 LOAD   IN N L

SWAP Cyclic Timers

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	

L

Inverter Phase/line Recommended

Line/ Phase

Neutral

Earth

While making wiring connection first disconnect the power.

L
E
N

Main supply

After installation, switch ON the main MCB, then select the desired cycle on the SWAP Auto Cyclic Timer. To select other time option while the current cycle is running, press the red button and select the time of your choice.

i

Contact us for overflow tank controller.

Has feature for Auto-execution of same cycle in case of power Interruption.

Product & connection details of **SWAP03C-3 Cyclic Timer** for **Mono-block & Jet Pumps**

EVIQ DESIGN SOLUTIONS

Motor loads

E1-E2   A1-A2
L1-L2   F1-F2

Cycle	L1	L2	E1	E2	A1	A2	F1	F2
ON Hrs	0:30	0:30	0:35	0:35	0:40	0:40	0:45	0:45
OFF Hrs	2	3	2	3	2	3	2	3

OFF

Swap

MADE IN INDIA

IS / IEC 60669-2

10-415VAC   05-110VDC

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

Do not change polarity

L2   L1   LOAD   IN   N   L

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	

After installation, switch ON the main MCB, then select the desired cycle on the SWAP Auto Cyclic Timer. To select other time option while the current cycle is running, press the red button and select the time of your choice.

SWAP Cyclic Timers

Inverter Phase/line Recommended

While making wiring connection first disconnect the power.

L

● **Line/ Phase**
● **Neutral**
● **Earth**

L
E
N

Main supply

i Contact us for overflow tank controller.

Has feature for Auto-execution of same cycle in case of power Interruption.

Product & Sensor integration details of **SWAP03C-1,2,3-OF(Over flow controller)** for **Mono-block & Jet Pumps**

EVIQ DESIGN SOLUTIONS

Cycle	L1	L2	E1	E2	A1	A2	F1	F2
ON Hrs	0:05	0:05	0:10	0:10	0:15	0:15	0:20	0:20
OFF Hrs	1	2	1	2	1	2	1	2

Swap

OFF

L1-L2   E1-E2   A1-A2   F1-F2

i **Contact us for submersible motor Version**

Overflow pipe

¼ (ft)

A

A/2

Float Switch

¼ (ft)

Outlet pipe

Over head tank

Bore motor

VCC   OHF

Product features

1. Cyclic timer with 8 different selections.
2. Cyclic timer with feature for Auto-execution of the same cycle in case of power interruption.
3. Overflow control options available contact us for more details.

Product function

Select desired cycle, It will automatically switch OFF the motor after ON cycle or if the tank water reaches its overflow limit in-between.

i *For submersible pump Controller version. Please contact Us. Thanks.*

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Contact us for submersible motor Version

Overflow pipe

¼ (ft)

A

Magnetic Float Switch

¼ (ft)

Outlet pipe

Over head tank

Bore motor

VCC   OHL   OHF

For submersible pump Controller version. Please contact Us. Thanks.

Product features

1. Cyclic timer with 8 different selections.
2. Cyclic timer with feature for Auto-execution of the same cycle in case of power interruption.
3. Overflow control options available contact us for more details.

Product function

Select desired cycle, It will automatically switch OFF the motor after ON cycle or if the tank water reaches its overflow limit in-between.

Cycle	L1	L2	E1	E2	A1	A2	F1	F2
ON Hrs	0:05	0:05	0:10	0:10	0:15	0:15	0:20	0:20
OFF Hrs	1	2	1	2	1	2	1	2

OFF

Swap

Product & Connection details of **SWAP03AC Cyclic Timer** for **Air Conditioner(AC)**

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Air conditioner indoor unit

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2   L1   LOAD   IN   N   L

Before connecting the Swap Cyclic Timer, identify the phase and neutral wires of the stabilizer, using a tester or lamp load.
It is important to note that in some stabilizers, the standard color code and sequence might got swapped.

Available Time cycles

Time Cycles
L1- L2,
E1-E2,
A1-A2,
F1-F2.
** *It starts with default 30 minutes ON across all the time cycle for effective room conditioning.*

Default initial ON time : 30 minutes

Cycle	L1	L2	E1	E2	A1	A2	F1	F2	
ON min	20	25	30	40	40	50	60		ON
OFF min	15	10	10	15	25	10	15		

OFF

Swap

After installation, switch ON the MCB/Switch, then select the required time cycle on the SWAP Cyclic Timer. To select other time option while the current cycle is running, press the red button and select the time of your choice.
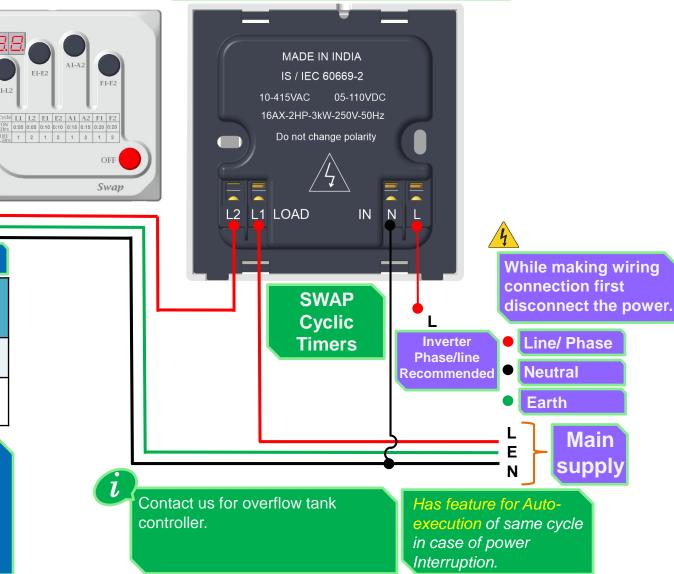
SWAP Cyclic timer

i

With pre Programmed Time cycles for all weather conditions. It also ensures convenient sleep time and *reduces power consumption of AC.*

It has *feature* for *Auto-execution* of same Cycle in case of power interruption.

While making wiring connection first disconnect the power.

- ● **Line/ Phase**
- ● **Neutral**
- ● **Earth**

L
E
N

AC Stabilizer

E-mail address: **info@eviqds.com**

Contact Mobile: **+91 9629900110,+91-9443410073**

Product & Connection details of **SWAP03-ACF-SA Cyclic Timer** for Air Conditioner & Ceiling Fan control with add on Smoke detector & Alarm.

EVIQ DESIGN SOLUTIONS

Before connecting the Swap Cyclic Timer, identify the phase and neutral wires of the stabilizer, using a tester or lamp load.
It is important to note that in some stabilizers, the standard color code and sequence might got swapped.

Air conditioner indoor unit

Smoke detector

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN N L

F-IN F-OUT   SMK ALM VCC GND

SWAP Cyclic timer

It Controls AC and ceiling fan in such a way that when AC is ON ceiling fall is OFF and vice versa. It has provision for smoke detector & alarm unit.

i

It has Auto-execution of same Cycle as a feature in case of power Interruption. It Saves Power consumption of AC.

While making wiring connection first disconnect the power.

● **Line/ Phase**
● **Neutral**
● **Earth**

Line/ Phase

2 Way Switch

Ceiling fan

L
E
N

AC Stabilizer

Product & Connection details of **SWAP04-OL (Overhead tank water level controller)** for **Mono-block & Jet Pumps**

EVIQ DESIGN SOLUTIONS

Single phase Pumps

Starters

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2   L1   LOAD   IN   N   L

SWAP Water Level controller

5-10 min   15-20 min   30-40 min   1-2 Hr   OFF

Swap

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	

While making wiring connection first disconnect the power.

● **Line/ Phase**
● **Neutral**
● **Earth**

L
E
N

Main supply

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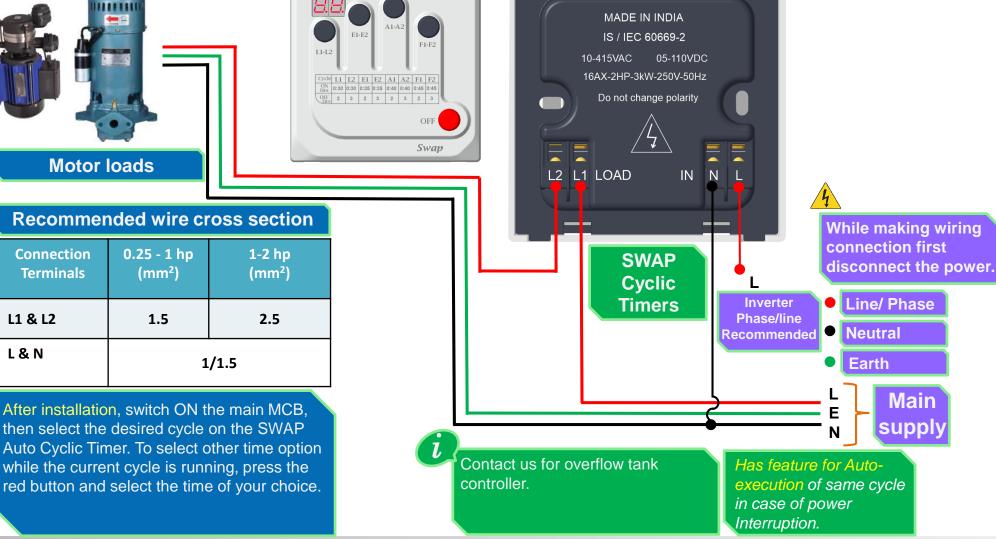
i Available time selections - *5 or 10 min, 15 or 20 min, 30 or 40 min, 1 or 2 Hours. Saves water and power. Featured with Auto-execution* of the remaining time, in case of power interruption.

& *It is Automatic level controller by default*

EVIQ DESIGN SOLUTIONS

Not suitable for submersible motor

Overflow pipe

¼ (ft)

A

A/2

Float Switch

¼ (ft)

Outlet pipe

Over head tank

Bore motor

C-IN C-OUT VCC OHL OHF

Product features

1. Automatic water level control for overhead tank.
2. Two in one product (Automatic water level controller + Auto OFF timer).
3. Automatic 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 switches OFF the motor when it becomes high.

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

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

EVIQ DESIGN SOLUTIONS

Single phase Pumps

Starters

MADE IN INDIA

IS / IEC 60669-2

10-415VAC   05-110VDC

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

Do not change polarity

L2   L1   LOAD   IN   N   L

SWAP Water Level controller

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.

While making wiring connection first disconnect the power.

● **Line/ Phase**
● **Neutral**
● **Earth**

L
E
N

Main supply

& 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**

EVIQ DESIGN SOLUTIONS

i **Not suitable for submersible motor**

Flow sensor/ Dry run protection

Overflow pipe

¼ (ft)

A

A/2

Float Switch

¼ (ft)

Outlet pipe

Over head tank

Bore motor

VCC   OHL   OHF

5-10 min   15-20 min   30-40 min   1-2 Hr   OFF   Swap

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.

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

Connection details of **SWAP04-C-OL(Overhead tank water level controller with Auto start capacitor)** for Single Phase Submersible motor

EVIQ DESIGN SOLUTIONS

Single phase Starter

SWAP Water Level controller

C-IN C-OUT   VCC OHL OHF

Recommended wire cross section

Connection Terminals	0.5 - 5 hp (mm²)
L1, L2,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.

MADE IN INDIA
IS / IEC 60669-2
10 415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN N L

R Y B

Motor wire

Water Pumps

L   N

Main supply

Connection details of **SWAP04-C-OL** with single phase Submersible starter

EVIQ DESIGN SOLUTIONS

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 C-IN of the Auto-OFF Timer as shown in the image below.

Loop this Normally open contact of no volt coil

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

Step 3 Now, connect L1 and L2 across the starting capacitor, as shown in the image below. Then 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

N

L

Product & Sensor integration details of **SWAP04-C-OL(Overhead tank water level controller with Auto start capacitor)** for **Submersible motor**

EVIQ DESIGN SOLUTIONS

¼ (ft)

Overflow pipe

A

A/2

Float Switch

¼ (ft)

Outlet pipe

Over head tank

Bore motor

C-IN   C-OUT   VCC   OHL   OHF

5-10 min   15-20 min   30-40 min   1-2 Hr   OFF   Swap

Product features
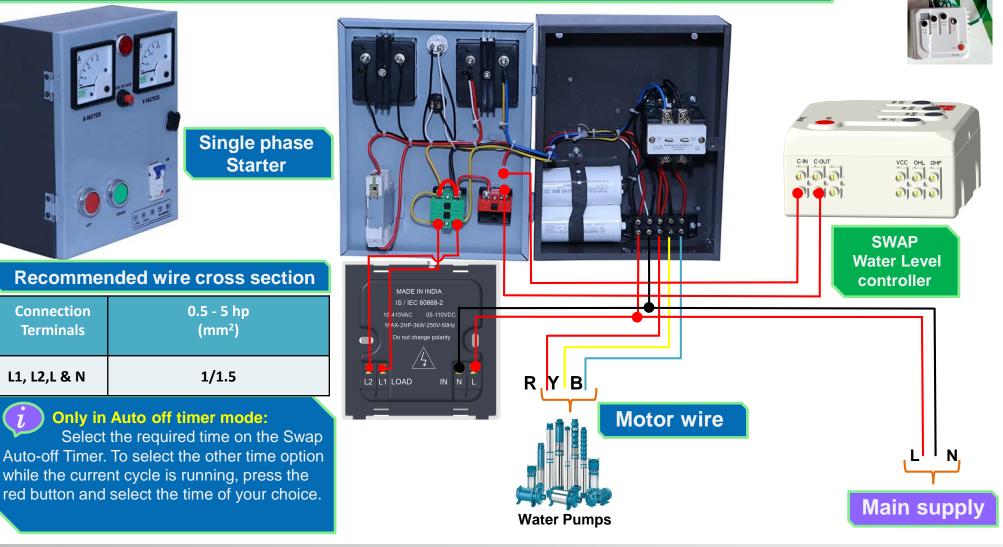
1. Automatic water level control for overhead tank.
2. Automatic start capacitor option enabled for 3 seconds.
3. Two in one product (Automatic water level controller + Auto OFF timer).
4. Automatic off timer with feature for Auto-execution of the remaining time in case of power interruption.

Product function

Automatically switches ON the motor when the overhead tank water level is low. And switches OFF the motor when the water level becomes high.

i

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

Connection details of **SWAP04-C-OLF(Overhead tank water level controller with dry run protection and Auto start capacitor option)** for **Single Phase Submersible Motor**

EVIQ DESIGN SOLUTIONS

Single phase Starter

SWAP Water Level controller

Recommended wire cross section

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

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

MADE IN INDIA
IS / IEC 60669-2
10 415VAC 05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN N L

R Y B

Motor wire

Water Pumps

C-IN C-OUT   VCC OHL OHF

L N

Main supply
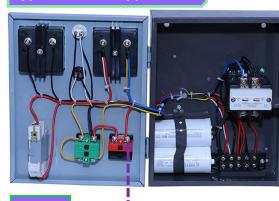
Connection details of **SWAP04-C-OLF** for single phase Submersible starter

EVIQ DESIGN SOLUTIONS

Typical Starter appearance

⚡ **While making any wiring connection first disconnect the power.**
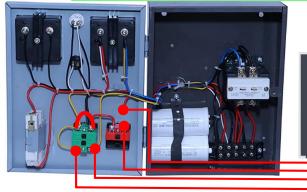
Step 1

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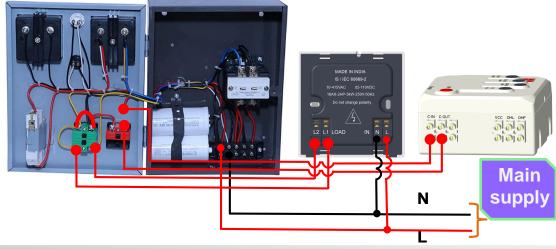

Loop this Normally open contact of no volt coil

Step 2

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

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN N L

C-IN C-OUT   VCC OHL OHF

Step 3

Now ,connect L1 and L2 across the starting capacitor, as shown in the image below. Then 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.
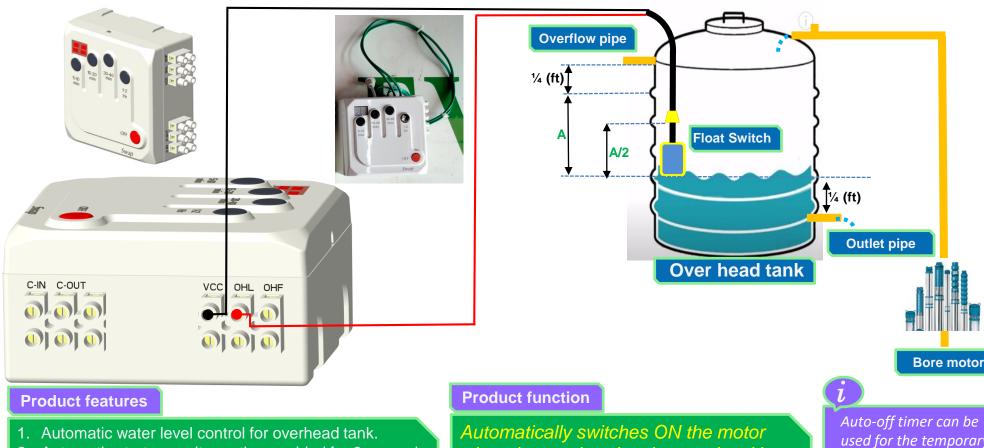

Main supply

N

L

EVIQ
DESIGN SOLUTIONS

Flow sensor/ Dry run protection

Overflow pipe

¼ (ft)

A

A/2

Float Switch

¼ (ft)

Outlet pipe

Over head tank

Bore motor

C-IN   C-OUT   VCC   OHL   OHF

Product features

1. Automatic water level control for overhead tank.
2. Automatic start capacitor option enabled for 3 seconds.
3. Dry Run Protection for motor.
4. Automatic off timer Automatic off timer with 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.

i

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

Connection details of **SWAP04-SOL (Sump and overhead tank water level controller)** for **Mono-block & Jet Pumps**

EVIQ DESIGN SOLUTIONS

Single phase Pumps

Starters

MADE IN INDIA

IS / IEC 60669-2

10-415VAC   05-110VDC

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

Do not change polarity

L2   L1   LOAD   IN   N   L

SWAP Water Level controller

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	

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 the 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-SOL (Sump and overhead tank water level controller)** for **Mono-block & Jet Pumps**

EVIQ DESIGN SOLUTIONS

i

1. *Dry Run Protection Is Not Required as Motor Will Not Run Without Water in Sump Tank*

i

Not suitable for submersible motor

Overflow pipe

¼ **(ft)**

A

A/2

Float Switch

¼ **(ft)**

Outlet pipe

Over head tank

Corporation water

SL   VCC   OHL   OHF

Product features

1. Automatic water level control for overhead tank and for sump tank.
2. Two in one product(Automatic water level controller + Auto OFF timer)

Product function

Automatically switches ON the motor when the overhead tank water level is low and in the sump tank is high. Switches OFF the motor when any one of these conditions are reversed.

Overflow pipe

¼ **(ft)**

A ft

A/2 ft

Float Switch

½ **(ft)**

i

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

Sump tank

Connection details of **SWAP04-C-SOL(Water level control for both sump and Overhead tank with Auto start capacitor option)** for single phase Submersible motor

EVIQ DESIGN SOLUTIONS

Recommended cross section of wire

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

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

SWAP Water Level controller

C-IN C-OUT SF SL GND VCC OHL OHF

MADE IN INDIA
IS / IEC 60669-2
10 415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN N L

R Y B

Motor wire

Water Pumps

L N

Main supply
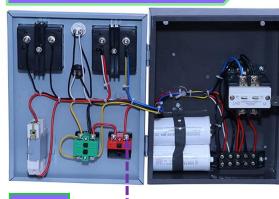
Connection details of **SWAP04-C-SOL** for 1phase Submersible starter

EVIQ
DESIGN SOLUTIONS

Starter default appearance

⚠️
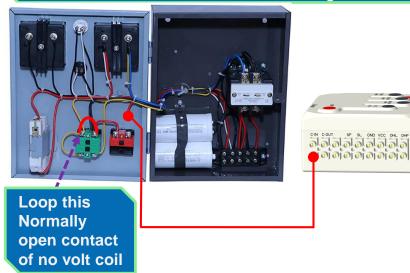
While making any circuit connection first disconnect the power.

Step 1

First, remove the wire from any one terminal of the red push button, and then connect that same wire to the C-IN of the Auto-OFF Timer as shown in the image below.
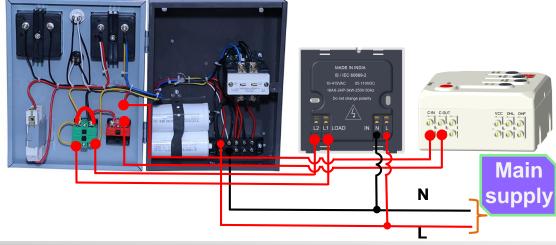
Loop this Normally open contact of no volt coil

C-IN C-OUT SF SL GND VCC OHL OHF

Step 2

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

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN N L

C-IN C-OUT SF SL GND VCC OHL OHF

Step 3

Now ,connect L1 and L2 across the starting capacitor, as shown in the image below. Then 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.

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN N L

C-IN C-OUT SF SL GND VCC OHL OHF

Main supply

N

L

Product & Sensor integration details of **SWAP04-C-SOL(Water level controller)**

EVIQ DESIGN SOLUTIONS

Product function

Automatically switch on the motor when the water level in the overhead tank is low and in the sump tank is high. Switch off the motor when any one of these conditions are reversed.

Overflow pipe

¼ (ft)

A

A/2

Float Switch

¼ (ft)

Outlet pipe

Over head tank

Corporation water

C-IN   C-OUT   SF   SL   VCC   OHL   OHF

Overflow pipe

¼ ft

A ft

A/2 ft

½ ft

Float Switch

i

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

Sump tank

Product features

1. Automatic water level control for overhead tank and also for sump tank.
2. Dry Run Protection Is Not Required as Motor Will Not Run Without Water in Sump Tank.
3. Automatic start capacitor option enabled for 3 seconds.
4. Two in one product (Automatic water level controller + Auto OFF timer)

Connection details of **SWAP04-C-SOFL(Automatic Detection of Corporation water flow into the Sump with water level control for both Sump and Overhead tank)** for single phase Submersible motor

EViQ
DESIGN SOLUTIONS

Single phase Starter

Recommended cross section of wire

Connection Terminals	0.5 - 5 hp (mm^2)
L1, L2,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.

MADE IN INDIA
IS / IEC 60669-2
10 415VAC   05-110VDC
16 AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN   N   L

SWAP Water Level controller

C-IN C-OUT   SF SL GND VCC OHL OHF

R Y B
Motor wire

Water Pumps

L   N
Main supply

Connection details of **SWAP04-C-SOFL** for single phase Submersible 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 C-IN of the Auto-OFF Timer as shown in the image below.

Loop this Normally open contact of no volt coil

Step 2

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

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity
L2 L1 LOAD   IN N

C-IN C-OUT SF SL GND VCC OHL OHF

Step 3

Now ,connect L1 and L2 across the starting capacitor, as shown in the image below. Then 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.

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity
L2 L1 LOAD   IN N L
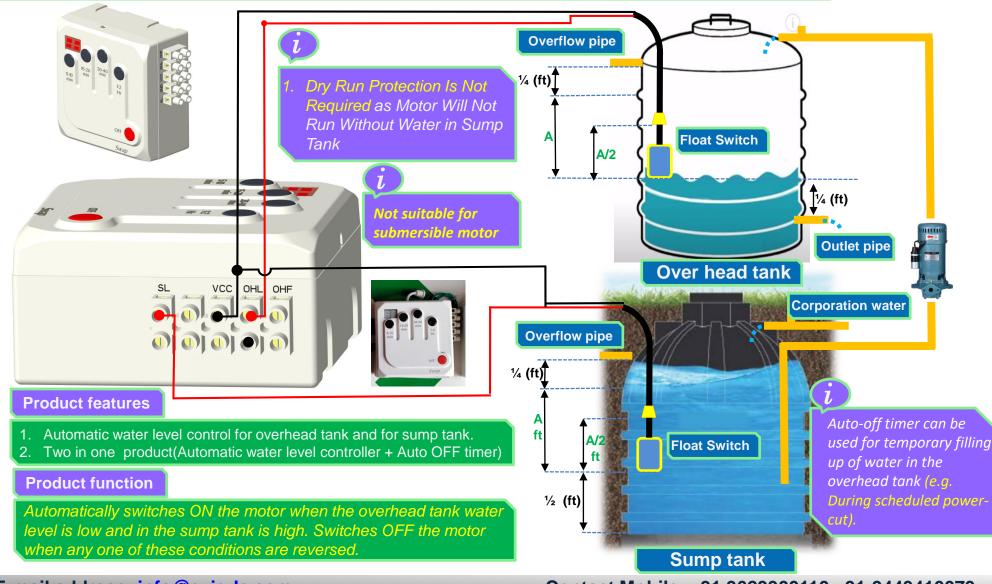
C-IN C-OUT SF SL GND VCC OHL OHF

Main supply

N

L

E-mail address: info@eviqds.com

Contact Mobile: +91 9629900110,+91-9443410073

Product & Sensor integration details of **SWAP04-C-SOFL**

EVIQ DESIGN SOLUTIONS

Product function

Automatically switches ON the motor when the corporation water flows into sump tank and if the sump tank water level is high and in the overhead tank is low. Switches OFF the motor when any one of these conditions is reversed.

Flow sensor/ Dry run protection

Overflow pipe

¼(ft)

A

A/2

Float Switch

¼ (ft)

Outlet pipe

Over head tank

Corporation water

Flow sensor

C-IN C-OUT   SF SL GND VCC OHL OHF

Overflow Level

¼(ft)

A ft

A/2 ft

Float Switch

½ (ft)

i

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

Sump tank

Product features

1. Automatic water level control for overhead tank and also for sump tank.
2. Ensuring Dry Run Protection is not required as the Motor will not run without water in sump tank.
3. Automatic start capacitor option enabled for 3 seconds.
4. Two in one product (Automatic water level controller + Auto OFF timer).

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

EViQ
DESIGN SOLUTIONS

Single phase Pumps

Starters

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2   L1   LOAD   IN   N   L

SWAP Water Level controller

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	

While making wiring connection first disconnect the power.

● **Line/ Phase**
● **Neutral**
● **Earth**

Main supply
L
E
N

ℹ️ **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.

ℹ️ 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)**

EVIQ DESIGN SOLUTIONS

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

SF   VCC   OHL   OHF

Overflow pipe

¼ (ft)

A ft

A/2 ft

½ (ft)

Flow sensors

Float Switch

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).

i

Not suitable for submersible motor

i

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

Sump tank

Product & Connection details of **SWAP04-OF(Over flow controller)** for Mono-block & Jet Pumps

EVIQ DESIGN SOLUTIONS

Single phase Pumps

Starters

MADE IN INDIA

IS / IEC 60669-2

10-415VAC   05-110VDC

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

Do not change polarity

L2   L1   LOAD   IN   N   L

SWAP Water Level controller

5-10 min | 15-20 min | 30-40 min | 1-2 Hr

OFF

Swap

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	

While making wiring connection first disconnect the power.

● **Line/ Phase**
● **Neutral**
● **Earth**

L
E
N

Main supply

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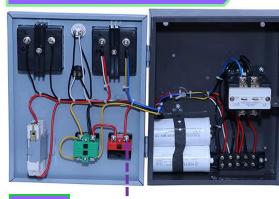
i

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-OF(Over flow controller)** for **Mono-block & Jet Pumps**

EVIQ DESIGN SOLUTIONS

i **Not suitable for submersible motor**

Overflow pipe

¼ (ft)

A

A/2

Float Switch

¼ (ft)

Outlet pipe

Over head tank

Bore motor

VCC   OHF

Product features

1. Auto OFF timer with automatic overflow controller.
2. Automatic off timer with feature for Auto-execution of the remaining time in case of power interruption.

Product function

Manually switch ON the motor- It will automatically switch OFF the motor after the selected time or if the tank water reaches its overflow limit .

i

For submersible pump Controller version. Please contact Us. Thanks.

Product & Connection details of **SWAP04-OL-MFS (Overhead tank water level controller)** for **Mono-block & Jet Pumps**

EVIQ DESIGN SOLUTIONS

Single phase Pumps

Starters

MADE IN INDIA
IS / IEC 60669-2
10-415VAC   05-110VDC
16AX-2HP-3kW-250V-50Hz
Do not change polarity

L2 L1 LOAD   IN N L

SWAP Water Level controller

While making wiring connection first disconnect the power.

● **Line/ Phase**
● **Neutral**
● **Earth**

L
E
N
Main supply

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	

i **Only for 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*

E-mail address: info@eviqds.com   **Contact Mobile: +91 9629900110,+91-9443410073**

Product & Sensor integration details of **SWAP04-OL-MFS (Overhead tank water level controller)** for **Mono-block & Jet Pumps**

EVIQ DESIGN SOLUTIONS

i

Contact us for submersible motor Version

Overflow pipe

¼ (ft)

A

Magnetic Float Switch

i

¼ (ft)

Outlet pipe

Over head tank

Bore motor

C-IN C-OUT

VCC OHL OHF

Product features

1. Automatic water level control for overhead tank.
2. Two in one product (Automatic water level controller + Auto OFF timer).
3. Automatic 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 switches OFF the motor when it becomes high.

i

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

Product & Connection details of **SWAP05E-BC Battery charger Timer** for **E-Vehicle battery chargers**

EVIQ DESIGN SOLUTIONS

Battery charger

output

E-Vehicle battery charger

Available Time options

Time options

1Hr
2Hrs
3Hrs
4Hrs
or
2-4Hrs
5-6Hrs
7-8Hrs
10-12Hrs

OFF
Swap

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.

SWAP Auto-off timer

Input

i

***Can avoid overcharging of battery and saves stand by power loss.** Featured with Auto-execution of the remaining time in case of power interruption.*

⚠ **While making wiring connection first disconnect the power.**

● **Line/ Phase**

● **Neutral**

● **Earth**

i

*This device **can work with either AC or DC** contact us for more details.*

L
E
N

240VAC / 50Hz

EVIQ
DESIGN SOLUTIONS

8Moudle box ---->

Mounting screw position

Step 1

Fix the 8module box on wall & finish the wiring with SWAP module(Refer upcoming slides)

Step 2

Fix the cover plate, back onto the 8module box.

Mini MCB   Swap timer

Input to e- vehicle charger adapter

Mounted position

EVIQ
DESIGN SOLUTIONS

To set the cycle time:
1. Click/hold +1 button
2. Click/hold +5 button
3. Hold the Set button until display turns off.
4. Press OFF button, and then Start button.

+1 +5 Set Start

OFF

Swap

** Once time setting is done simply press the timer Start button whenever you want to run the motor. For any other time just repeat the steps.

You can use both buttons to achieve your desired value *however one button shall be used at a time.* And the display can show up to 99minutes /hours, but you can program times beyond this limit.

An illustrative example, to set it to 8, click the "+1" button three times and then click the "+5" button once. *To check the time set,* watch for a number that stays for 5 seconds while pressing the "+1" and "+5" buttons together.

i

In case if you went ahead of the required time while time setting then Just press OFF button and repeat the process.

Step 1

Click the "+1" button to increment by 1 (or)
Hold the "+1" button until the desired value.

Step 2

Click the "+5" button to increment by 5 (or)
Hold the "+5" button until the desired value.

Step 3
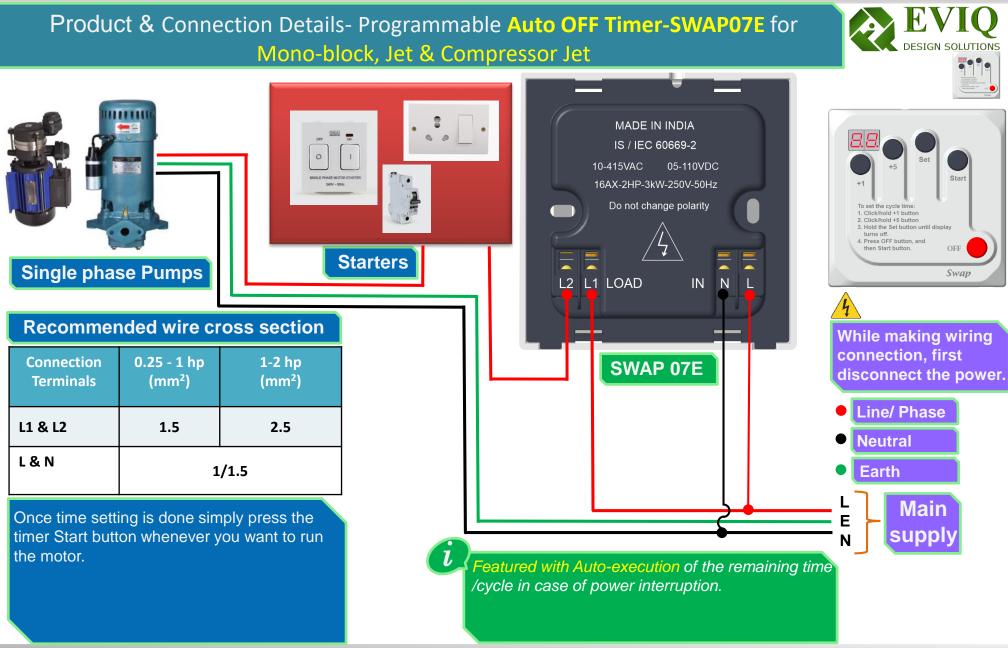
Press and hold the "Set" button until the display turns off. If the time is still displayed, Hold the "Set" button again.

Step 4

Press "OFF" button and then "Start" button

Product & Connection Details- Programmable **Auto OFF Timer-SWAP07E** for Mono-block, Jet & Compressor Jet

EVIQ DESIGN SOLUTIONS

Single phase Pumps

Starters

MADE IN INDIA

IS / IEC 60669-2

10-415VAC   05-110VDC

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

Do not change polarity

L2   L1   LOAD   IN   N   L

SWAP 07E

To set the cycle time:
1. Click/hold +1 button
2. Click/hold +5 button
3. Hold the Set button until display turns off.
4. Press OFF button, and then Start button.

+1   +5   Set   Start   OFF

Swap

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	

Once time setting is done simply press the timer Start button whenever you want to run the motor.

While making wiring connection, first disconnect the power.

● **Line/ Phase**
● **Neutral**
● **Earth**

L
E
N
Main supply

Featured with Auto-execution of the remaining time /cycle in case of power interruption.

Product & Connection details of **SWAP07ECD Auto OFF Timer** for Geysers/Water heaters

EVIQ DESIGN SOLUTIONS

To set the cycle time:
1. Click/hold +1 button
2. Click/hold +5 button
3. Hold the Set button until display turns off.
4. Press OFF button, and then Start button.

+1 +5 Set Start OFF

Swap

Geysers/water heaters

MADE IN INDIA

IS / IEC 60669-2

10-415VAC   05-110VDC

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

Do not change polarity

L2 L1 LOAD   IN N L

SWAP 07CD

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

While making wiring connection first disconnect the power.

● **Line/ Phase**
● **Neutral**
● **Earth**

L
E
N

Main supply

Recommended wire cross section

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

Once time setting is done simply press the timer Start button whenever you want to run the motor.

Featured with Auto-execution of the remaining time /cycle in case of power interruption.

To set the cyclic time in programmable cycle timers (On & Off time)

To set the time:
1. Click/hold the ON+ button for ON time.
2. Click/hold the OFF+ button for OFF time.
3. Hold the Set button until display turns off.
4. Press OFF button, and then Start button.

ON+ **OFF+** **Set** **Start**

OFF

Swap

*** Once time setting is done simply press the timer Start button whenever you want to run the motor. For any other time just repeat the steps.*

To find the set on & off time, watch for a number after On blink is on time and Of blink is Off time respectively while pressing the "ON+" and "OFF+" buttons together.

On and Off time shall be set together always. And the display can show up to 99 seconds/ minutes / hours, but you can program times beyond this range as well.

In case if you went ahead of the required time while time setting then Just press OFF button and repeat the process.

Step 1
Click the "ON+" button to set on time.

Step 2
Click the "OFF+" button to set off time.

Step 3
Press and hold the "Set" button until the display turns off. If the display doesn't turned off, then hold the "Set" button again.

Step 4
Press "OFF" button and then "Start" button

Product & connection details of **Cyclic Timer-SWAP07ECY** for **Street, Compound & Signboard lightings**

EVIQ
DESIGN SOLUTIONS

Lighting loads

OFF+ **Set**
ON+ **Start**

To set the time:
1. Click/hold the ON+ button for ON time.
2. Click/hold the OFF+ button for OFF time.
3. Hold the Set button until display turns off.
4. Press OFF button, and then Start button.

OFF

Swap

MADE IN INDIA

IS / IEC 60669-2

10-415VAC   05-110VDC

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

Do not change polarity

L2 L1 LOAD   IN N L

SWAP Cyclic Timers

L

Uninterrupted Power required for Internal Clock inside the Device; In Case of Power Failure, Clock will get reset; Hence, we recommend users to use Inverter phase for SWAP (L) Terminal alone.

While making wiring connection first disconnect the power.

Inverter Phase/line Recommended

● **Line/ Phase**
● **Neutral**
● **Earth**

L
E **Main**
N **supply**

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 programming, simply press the Start button on the SWAP Programmable timer whenever you want to run the motor.

Set the time cycle in minutes as per your requirement.

Has feature for Auto-execution of same cycle in case of power Interruption.

Product & connection details of **Cyclic Timer-SWAP07ECYH** for **Street, Compound & Signboard lightings**

EVIQ DESIGN SOLUTIONS

Lighting loads

SWAP timer panel

To set the time:
1. Click/hold the ON+ button for ON time.
2. Click/hold the OFF+ button for OFF time.
3. Hold the Set button until display turns off.
4. Press OFF button, and then Start button.

ON+ OFF+ Set Start OFF

Swap

Device back panel

MADE IN INDIA

IS / IEC 60669-2

10-415VAC   05-110VDC

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

Do not change polarity

L2   L1   LOAD   IN   N   L

Uninterrupted Power required for Internal Clock inside the Device; In Case of Power Failure, Clock will get reset; Hence, we recommend users to use Inverter phase for SWAP (L) Terminal alone.

While making wiring connection first disconnect the power.

L

Inverter Phase/line Recommended

● **Line/ Phase**
● **Neutral**
● **Earth**

SWAP Cyclic Timers

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	

After programming, simply press the Start button on the SWAP Programmable timer whenever you want to run the motor.

L
E
N

Main supply

Set the time cycle in hours as per your requirement.

Has feature for Auto-execution of same cycle in case of power Interruption.