



We CONSERVE Water
So that you have WATER 24/7











Water Management Systems

- Water Level Control Products
- Water Level Control Systems
- Motor Control Panels

Happy Moments, Sustainable?



The Story of 0.08

Generally a figure of 0.08 is not considered to be of much significant value unless the matter is so critical. If we consider water as an important subject

Water is an essential resource for all life on the planet. Of the water resources on Earth only 3% of it is fresh and two-thirds of the freshwater is locked fifth is in remote, inaccessible areas and much seasonal rainfall in monsoonal deluges and floods that cannot easily be used. Therefore, it is only about use by mankind. As time advances the demand for water for sanitation, drinking, manufacturing, leisure and agriculture is also intensely increasing are is that access to clean and safe drinking water is already limited to people around the globe hence conserving water has become a major requirement a number as important as 7,500,000,000, the population of this gifted planet, and its significance is as much as the signature of life on Mother Earth! Now more than 7.5 Billion people on planet Earth. It took until the early 1800s for the world population to reach one billion. Now we add a billion every 12-1





Energy and Water Conservation, the Sinicon Way

Sinicon respects the call for environmental protection and developed a gamut of devices for energy and water conservation for the benefit of our customers. The utilization of power and water is controlled so as to avoid wastage of these precious resources yet without affecting the comfort of the users. A wide range of products from Sinicon practically resolve many of the varied requirements let that be for domestic, agricultural or commercial purposes. Sinicon is providing its products crafted using the latest technologies that would ensure no or minimal service requirement for the absolute comfort of the people. After all we are an "engineering comfort" company.

Quality Policy

The management philosophy and operational methods of our company, Sinicon, recognizes customer satisfaction as minimum responsibility and customer delight as ultimate objective. Our commitment to customer satisfaction will be accomplished through continuous improvement of business process and procedures and customer delight through business leadership which calls for efficiency and emotional involvement of each and every employee of the company.

Innovation & Engineering

Sinicon has always been passionate about innovation and excelled in integrating the innovative spirit of the application and engineering team with market requirements that enabled the company to produce some of the world class products.

Manufacturing

Sinicon products are manufactured under strict quality control and assurance systems and the processes are controlled through ISO 9001-2008 standards apart from implementing in-house quality schemes and TQM practices.

Marketing

Sinicon is present in many countries worldwide and is always in an expansion mode. The products are tailored to meet the requirements of different countries and our special projects group supports the client to solve their specific requirements.

Corporate Social Responsibility

We consider the subjects that attract the future compatibility of humanity important and engage ourselves to help resolve the anomalies. However, we actively participate in the water and energy conservation initiatives.

hen we better understand this slimy number, 0.08.

I up in ice caps and glaciers. Of the remaining 1%, a :0.08% of all the world's fresh water is available for d water is becoming a scarcer commodity. The fact of today and a challenge as well. Therefore, 0.08 is Moreover our population is growing. There are now 5 years!







Model-9535

WaterSwitch

Sinicon WaterSwitch effectively monitors and controls water/liquid levels in the overhead tank, sump, well etc. It prevents overhead tank from overflowing and also prevents overpumping of sump, well etc. Thanks to Sinicon WaterSwitch, the user need not worry about switching the electric water pump ON and OFF and it makes water available round the clock.

FUNCTIONS AND FEATURES

- Fully automatic operation.
- Switches water pump ON when overhead tank is empty and switches water pump OFF when overhead tank is full.
- Switches water pump OFF when sump/well is empty and allow pump to run only when the sump/well is filled up to the set limit.
- Extremely easy to install.
- Fit and forget type and no routine maintenance required.

APPLICATIONS

 Villas, apartments, sewage plants water treatment plants, mixing and filling plants etc.

OPTIONAL FEATURES ON REQUEST

- Thread length for higher water columns (9535)
- Different cable length (9525)

Specifications

Model-9525

SI	Description	WaterSwitch					
31	Description	Model 9525	Model 9535				
1.	Operating Voltage (AC)	110V / 240V	110V / 240V				
2.	Connected Load	15Amp	15Amp				
	- Resistive Load	15Amp	15Amp				
	- Direct Load (1 Phase)	1HP	1HP				
	- Indirect Load (Contactor coil) (1 or 3 Phase)	*Any Size	*Any Size				
3.	Measurement Method (Electrical)	Float Type	External Type				
4.	With Cable Length (Standard)	2 Mtr	N/A				
5.	Thread Length	N/A	3 Mtr				
6.	Ingress Protection Rating	IP67	IP52				

^{*} Subject to maximum rating mentioned









WaterSwitch System

Sinicon WaterSwitch System (IA & IIA); consists 1 No. SwitchMate and 1No. WaterSwitch for System IA configuration and 1 No. SwitchMate and 2 Nos. WaterSwitch for System IIA configuration, effectively monitor and controls water/liquid levels in the overhead tank, sump, well etc. It prevents overhead tank from overflowing and also prevents over pumping of sump, well etc. Thanks to Sinicon WaterSwitch System, the user need not worry about switching the electric water pump ON and OFF and it makes water available round the clock.

FUNCTIONS AND FEATURES

- Fully automatic or manual operation.
- Switches water pump ON when overhead tank is empty and switches water pump OFF when overhead tank is full.
- Switches water pump OFF when sump/well is empty (even while the overhead tank is empty) and allow pump to run only when the sump/well is filled up to the set limit.
- Extremely easy to install and operate.
- Fit and forget type and no routine maintenance required.
- Single switch operation for auto/off-reset/manual operations.

APPLICATIONS

 Villas, apartments, water treatment plants, mixing and filling plants etc.

SI	Description	WaterSwitch System IA & IIA						
1.	Controller Type	SwitchMate						
2.	Operating Voltage (AC)	115V to 270V						
3.	Connected Load	15Amp						
	- Resistive Load	15Amp						
	- Direct Load (1 Phase)	1HP						
	- Indirect Load (Contactor coil) (1 or 3 Phase)	Any Size*						
4.	Dry-run Protection	No						
5.	High Voltage cut-off (AC)	No						
6.	Low Voltage cut-off (AC)	No						
7.	Starter Timer	No						
8.	Ingress Protection	IP40**						
9.	Dimension Height (mm)	170						
	Width (mm)	125						
	Depth (mm)	47						

^{*} Subject to maximum rating mentioned **Controller only. Refer spec. for WaterSwitch.

Water Level Control Systems









WaterSwitch System

Sinicon WaterSwitch System (ID, IID IDT IIDT); consists 1 No. Controller and 1 No. WaterSwitch for System ID/IDT configuration and 1 No. Controller and 2 Nos. WaterSwitch for System IID/IIDT configuration, effectively monitor and controls water/liquid levels in the overhead tank, sump, well etc. It prevents overhead tank from overflowing and also overpumping of sump, well etc. Thanks to Sinicon WaterSwitch System, the user need not worry about switching the electric water pump ON and OFF and it makes water available round the clock.

The Controller (Model 9526M/MT in the WaterSwitch) System prevents pump from running when the sump is empty, or during low voltage, high voltage and dry-run situation, thus avoiding damage to motor resulting in increased availability, cost saving in electricity and maintenance.

FUNCTIONS AND FEATURES

- Fully automatic or manual operation
- Switches water pump ON when overhead tank is empty and switches water pump OFF when overhead tank is full.
- Switches water pump OFF when sump/well is empty (even while the overhead tank is empty) and allow pump to run only when the sump/well is filled up to the set limit.
- Extremely easy to install and operate.
- Fit and forget type and no routine maintenance required.

- Single switch operation for auto/off-reset/manual operations,
 Low/high voltage protection and dry-run protection to motor.
- Suitable for capacitor start and Induction run motor.

APPLICATIONS

 Villas, apartments, water treatment plants, mixing and filling plants etc.

OPTIONAL FEATURES ON REQUEST

- Other voltage and frequency
- Operation conditions
- Higher capacity
- Energy Saver

SI	Description	WaterSwitch System						
31	Description	Model ID & IID	Model IDT & IIDT					
1.	Controller Type	9526M	9526 MT					
2.	Operating Voltage (AC)	150V to 270V	150V to 270V					
3.	Connected Load	15Amp	15Amp					
	- Resistive Load	15AMP	15AMP					
	- Direct Load (1 Phase)	1HP	1HP					
	- Indirect Load (Contactor coil) (1 or 3 Phase)	Any Size*	Any Size*					
4.	Dry-run Protection	Yes	Yes					
5.	High Voltage cut-off (AC)	260V	260V					
6.	Low Voltage cut-off (AC)	160V	160V					
7.	Starter Timer	No	Yes					
8.	Ingress Protection	IP41**	IP41**					
9.	Dimension Height (mm)	170	170					
	Width (mm)	125	125					
	Depth (mm)	47	47					

^{*} Subject to maximum rating mentioned **Controller only. Refer spec. for WaterSwitch.









Sinicon ComboStarter AT System is a Digital Electronic Starter with built-in WaterSwitch based automatic Water Level Controller and programmable ON/OFF timer. It prevents overhead tank from overflowing and also prevents the overpumping of sump, well etc. The user need not worry about switching the electric water pump ON and OFF and it makes water available round the clock.

The easily programmable timer helps programme the water pumping duration based on the water availability in a bore-well for domestic and/or agricultural applications. The ComboStarter also prevents pump from running when well is empty, or during low or high voltage or dry-run situation, thus avoiding damage to motor resulting in increased availability, cost saving in electricity and maintenance.

Super Auto Function with Artificial Intelligence: If you are not sure of water availability in the bore-well and that you do not know how much time pump can be operated, then leave it to ComboStater AT. It takes care of the water availability in bore-well, possible pumping duration etc through an innovative intelligent system and makes the best out of the bore-well.

FUNCTIONS AND FEATURES

- Single phase motor starter for single motor application with built-in timer controlled water level control function.
- Motor starts and stops as per cyclic timer programmed interval.
- Programmable over voltage protection, under voltage protection and overload protection. Multiple protections for dry-run through sensor as well as with current sensing.
- Manual operation for bypassing all water level control functions, dry-run, over voltage, under voltage and overload protections.

APPLICATIONS

 Villas, apartments, water treatment plants, mixing and filling plants, agricultural watering etc.

OPTIONAL FEATURES ON REQUEST

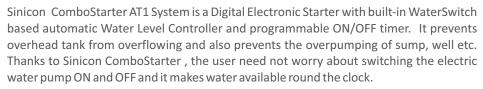
- Other voltage and frequency
- Operation conditions
- Higher capacity
- Real Clock time ON/OFF

SI	Description	ComboStarter AT					
1.	Controller Type	WC9526 AT					
2.	Operating Voltage (AC)	155V to 270V AC 1 PH					
3.	Connected Load	Upto 2 HP					
4.	Starter Timer	Yes					
5.	Starter Capacitor (Optional)	To suit motor rating					
6.	Run Capacitor (Optional)	To suit motor rating					
7.	Starter Rating	25A Max.					
8.	Starter Capacitor Timer Contact Rating	25A Max.					
9.	Overload protection	25A Max. Adjustable (10A Factory Set)					
10.	Dry-run protection	Yes / Multiple protection					
11.	High Voltage Cut-off (AC)	Adjustable (260V Factory Set)					
12.	Low Voltage Cut-off (AC)	Adjustable (160V Factory Set)					
13.	Ingress Protection	IP41					
14.	Dimension Height (mm)	300					
	Width (mm)	230					
	Depth (mm)	71					









The easily programmable timer helps to programme the water pumping duration based on the water availability in a bore-well for domestic and/or agricultural applications. The ComboStarter also prevents pump from running when sump/.well is empty, or during low or high voltage or dry-run situation, thus avoiding damage to motor resulting increased availability, cost saving in electricity and maintenance.

Super Auto Function with Artificial Intelligence: If you are not sure of water availability in the borewell and that you do not know how much time pump can be operated then leave it to ComboStater AT1. It takes care of the water availability in borewell, possible pumping duration etc through an innovative intelligent system and makes the best out of the borewell.



FUNCTIONS AND FEATURES

- Single phase motor starter for single motor application with built-in timer controlled water level control function.
- Motor starts and stops at programmed time interval.
- Programmable over voltage protection, under voltage protection and overload protection. Multiple protections for dry-run through sensor as well as with current sensing.
- Manual operation for bypassing all water level control functions, dry-run, over voltage, under voltage and overload protections.

APPLICATIONS

 Villas, apartments, water treatment plants, mixing and filling plants, agricultural watering etc.

OPTIONAL FEATURES ON REQUEST

- Other voltage and frequency
- IP Standard
- Higher capacity
- Cyclic Timer ON/OFF

Орос												
SI	Description	ComboStarter AT1										
1.	Model	WC9526 AT1 Controller										
2.	Operating Voltage (AC)	155V to 270V AC 1 Phase										
3.	Connected Load	Upto 5 HP										
4.	Starter Timer	Yes										
5.	Starter Capacitor (Optional)	To suit Motor Rating										
6.	Run Capacitor (Opional)	To suit Motor Rating										
7.	Starter Rating	32A Max.										
8.	Starter Capacitor Timer Contact Rating	32A Max.										
9.	Overload protection	32A Max. Adjustable (10A Factory Set)										
10.	Dry-run protection	Yes / Multiple protection for motor										
11.	High Voltage Cut-off (AC)	Adjustable (260 V Factory Set)										
12.	Low Voltage Cut-off (AC)	Adjustable (160 V Factory Set)										
13.	Ingress Protection	IP41										
14.	Measurement Height (mm)	400										
	Width (mm)	300										
	Depth (mm)	150										

Motor Control Panels







FEATURES

- 3 phase motor control panel with timer controlled water level control function.
- Water level controller for single or dual run/standby configuration motors.
- Motor starts and stops at desired time in a day.
- Start time and stop time is programmable for 32 slots in a day.
- Over voltage, under voltage and multiple dry run protection.
- Over voltage and under voltage limit is programmable.
- Single phase prevention/phase loss prevention
- Automatic Overload protection and Optional Manually adjustable thermal overload relay.
- Manual operation for bye-passing all water level control functions, over voltage, under voltage and dry run protections.
- In case of dual motors in a run/standby mode, both motors can be run alternatively one after other. Also during dry run, if run motor trips the standby motor starts automatically.
- LCD display for easy reading and also for programming.
- Energy Saver
- No Routine maintenance required

ComboStarter Panels

Sinicon ComboStarter Panels are motor control panels with programmable timer (Real time or Cyclic) controlled water level control system integrated for the purpose of switching single or dual motors (in a run/standby motor configuration) automatically; it is primarily used for automatically filling the water tank whenever the tank is empty and/or at pre-determined times in a day and can also be used for emptying the tanks/flood water etc.

It also can be used as a normal pump control panel.

Super Auto Function with Artificial Intelligence: If you are not sure of water availability in the bore-well and that you do not know how much time pump can be operated then leave it to ComboStater, It takes care of the water availability in bore-well, possible pumping duration etc through an innovative intelligent system and makes the best out of the bore-well. This feature available only in cyclic timer mode.

APPLICATIONS

- Villas, apartments, water treatment plants, mixing and filling plants, agricultural watering, sewage plants, industrial use etc.
- Pressure pumping.
- Fire water pumping.

OPTIONAL FEATURES ON REQUEST

- Other voltage and frequency
- Operation conditions/IP Standard
- Higher Capacity
- RS 232/RS 485 Communication

- CPOOMOGRACIIO																			
SI	CI	Description		Model (Single Motor Control)								Model (Dual Motors Control)							
	21			T1 2D	T1 5D	T1 8D	T1 8SD	T1 10SD	T1 12SD	T1 15SD	T1 20SD	T2 2D	T2 5D	T2 8D	T2 8SD	T2 10SD	T2 12SD	T2 15SD	T2 20SD
1	1	Motor Rating	НР	2	5	7.5	7.5	10	12	15	20	2	5	7.5	7.5	10	12	15	20
	1	WIOLOI KALIIIR	KW	1.5	3.75	5.5	5.5	7.5	9	11	15	1.5	3.75	5.5	5.5	7.5	9	11	15
	2	Starter Type		DOL	DOL	DOL	Star Delta	Star Delta	Star Delta	Star Delta	Star Delta	DOL	DOL	DOL	Star Delta	Star Delta	Star Delta	Star Delta	Star Delta
	3	Input Voltage		440V							440V								
	4	Overload Protec	ction		Thermal							Thermal							
	5	Sensor Input		2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4
	6	Dry Run Sensor Input		1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2
	7	Ingress Protection	on	As Per request							As Per request								
Ī	8	Dimension* Heig	ght (mm)	350						450		350 550							
		Wid	th (mm)	250			350			250				450					
		Depth (mm)		mm) 150				150			150 150								

^{*}Subject to change. Get confirmation prior to order.

Powerful Pumps



PERIPHERAL PUMPS

: 0.5 HP - 1.0 HP

: Single Phase 220/240V, A.C Version

Frequency / Speed : 50 Hz / 2880 rpm

Duty type : SI

Power range (HP)

Frequency / Speed

Degree of protection : IP54 Total Head range : 5 - 60m Maximum Flow rate : 3.3m³/hr

Nominal Outlet size in mm : 25 x 25 (Suc. x Del.)

Maximum Liquid Temperature : 35℃

REGENERATIVE SELF-PRIMING PUMPS

SRM - SERIES

SSP/SNP- SERIES



Power range (HP) : 0.5 HP - 1.0 HP

: Single Phase 220/240V, A.C Version : 50 Hz / 1440 & 2880 rpm Frequency / Speed

Duty type : SI

Degree of protection : IP44 Total Head range : 6 - 35m Maximum Flow rate : 4m³/hr.

Nominal Outlet size in mm : 25 x 25 (Suc. x Del.)

Maximum Liquid Temperature : 35℃

CENTRIFUGAL MONOBLOCK PUMPS

SMB - SERIES



Power range (HP) : 0.5 HP - 2.0 HP Single Phase / 30 HP - 10 HP Three Phase Version

: Single Phase 220/240V, A.C / Three Phase 380/415V, AC

: Single Phase 220/240V; A.C. / Three Phase 380/415V; A.C.

: 50 Hz / 2880 rpm

Duty type : SI Degree of protection : IP44/54 Total Head range : 5 - 30m Maximum Flow rate : 64m³/hr.

Nominal Outlet size in mm : 25x25, 32x25, 40x32, 40x40, 50x40, 65x50, 80x65 & 80x80 (Suc. x.Del.)

Maximum Liquid Temperature : 35℃

DEEP WELL JET PUMPS

SJP-SERIES



Power range (HP) : 0.5 HP - 1.0 HP

Version : Single Phase 220/240V, A.C

Frequency / Speed : 50 Hz / 2880 rpm

Duty type : SI Degree of protection : IP44

Total Head range : 10 - 55m Maximum Flow rate : 3.3m³/hr

Nominal Outlet size in mm : 32x25x25, 40x32x25 (Suc. x Pre. x .Del.)

50 Hz /2880 rpm

: SI

: IP58

50m

Maximum Liquid Temperature : 35℃

JET SELF-PRIMING PUMPS

SJS - SERIES



Power range (HP) : 0.5 HP - 1.0 HP

Version : Single Phase 220/240V, A.C

Frequency / Speed : 50 Hz /2880 rpm

Duty type : SI : IP54 Degree of protection : 10 - 45m Total Head range Maximum Flow rate : 4.0m³/hr.

: 25 x 25 (Suc. x Del.) Nominal Outlet size in mm

Maximum Liquid Temperature : 35℃

HORIZONTAL OPEN WELL SUBMERSIBLE PUMPS

SOW - SERIES

Power range (HP)

Version

Frequency / Speed

Duty type

Degree of protection Total Head range Maximum Flow rate

80m³/hr. Nominal Outlet size in mm 25, 40, 50, 65 & 80

Maximum Liquid Temperature : 35℃

: 0.5 HP - 1.5 HP Single Phase / 3.0 HP - 10 HP Three Phase



VERTICAL OPEN WELL SUBMERSIBLE PUMPS

SVO - SERIES



Power range (HP) : 1.0 HP - 1.5 HP Single Phase / 3.0 HP - 10 HP Three Phase : Single Phase 220/240V, A.C / Three Phase 380/415V, A.C Version

Frequency / Speed : 50 Hz /2880 rpm

: SI Duty type : IP58 Degree of protection Total Head range : 100m Maximum Flow rate : 55m³/hr. : 32 & 65 Nominal Outlet size in mm Maximum Liquid Temperature : 35℃

BOREWELL SUBMERSIBLE PUMPS 4"

BOREWELL SUBMERSIBLE PUMPS 6"

SBW - SERIES



: 1.0 HP - 5 HP Power range (HP)

Version : Single Phase 220/240V, A.C / Three Phase 380/415V A.C

Frequency / Speed : 50 Hz /2880 rpm

Duty type : IP58 Degree of protection Total Head range : 9 - 300m Maximum Flow rate : 20m³/hr. Nominal Outlet size in mm : 32, 40 & 50 Maximum Liquid Temperature : 35℃

SRBW / SMBW - SERIES



: 3.0 HP - 15 HP Power range (HP)

Version : Single Phase 220/240V, A.C / Three Phase 380/415V, A.C

: 50 Hz /2880 rpm Frequency / Speed

Duty type : IP58 Degree of protection : 9 - 300m Total Head range Maximum Flow rate : 78m³/hr. Nominal Outlet size in mm : 50, 65 & 80 : 35℃ Maximum Liquid Temperature

SEWAGE PUMPS

SCSW / SSSW - SERIES



: 0.5 HP - 5 HP Power range (HP)

Version : Single Phase 220/240V, A.C / Three Phase 380/415V, A.C

Frequency / Speed : 50 Hz /2880 rpm

Duty type : SI

Degree of protection : IP58 Total Head range : 10 - 27m Maximum Flow rate : 80m³/hr. Nominal Outlet size in mm : 50, 80 & 100

BOOSTER PUMPS

SPB - SERIES



: 0.5 HP - 1.0 HP Power range (HP) Version : Single Phase 230V. A.C Frequency / Speed : 50 Hz /2880 rpm

Duty type : SI : IP54 Degree of protection : 30 - 50m Total Head range : 2 - 5 m³/hr. Maximum Flow rate Nominal Outlet size in mm : 25 x 25

COMPRESSOR PUMPS

SMC / SBC - SERIES



Power range (HP) : 1.0 HP - 1.5 HP

: Single Phase 220/240V, A.C / Three Phase 380/415V, A.C Version

: 50 Hz /960 & 1440 rpm Frequency / Speed

: 30 - 130m Total Head range Maximum Liquid Temperature : 35℃

Note: The company reserves the right to modify the technical specification and illustrations without prior notice.





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