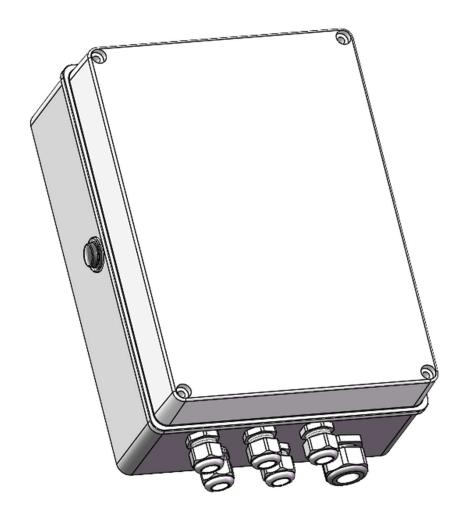
<u>Installation and operating instructions</u>

CONTROL BOX FOR POOL COVER MOTORS 2000 - 10A Series



Change history		
Index	Description of the change	Date
00	Creation	07/07/25

Safety instructions



Installation and commissioning must only be carried out by approved specialist electricians. Comply with all current standards for the electrical installation: NF EN60335-1, NF P90-308, NFC 15100.

The box must be connected to:

- a residual current differential device (30mA)
- an all-pole circuit breaker with a point gap of 3 mm.

This appliance is not designed for use by persons (including children over 8 years old) whose physical, sensory or mental capacities are diminished, or by persons with no experience or

knowledge, unless they are supervised by the person responsible for their safety or have previously received instruction in the use of the appliance. Children should be supervised to ensure that they do not play with the appliance.

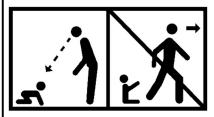
The person performing the manoeuvre must ensure that no one is in the pool and always keep the pool in sight during opening or closing operations.

It is essential to open or close the cover completely, and never leave it in the intermediate position.

Always check that the pool's water level remains constant and in compliance with the manufacturer's recommendations.

Any use not in accordance with this document may result in a refusal of warranty cover.

<u>WARNINGS</u>



A swimming pool can be a serious danger for your children. Drowning can happen very quickly. Children near a swimming pool require your constant vigilance and active monitoring, even if they know how to swim.

The physical presence of a responsible adult is essential when the pool cover is open.

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2 TECHNICAL DATA

2.1 BOX SPECIFICATIONS

Low voltage directive 2014/35/EU Machine Directive 2014/30/EU EMC Directive 2014/30/EU EMC Directive 2014/30/EU ROHS Directive 2011/65/EU and 2015/863/EU Resistance to environmental phenomena Immunity to electrical fast transients EN 61000-4-4 Level 3 tests Immunity to shock-waves EN 61000-4-5 Level 3 tests Power supply Input supply voltages Power consumption in standby mode SW, 80mA@230Vac. 360W, 1.6A@230Vac (10A motor) 5520, 0218005.MNF Littel fuse (5A time-delay fuse) Spring terminals, max. section 2.5mm², stripping length: 11 mm Earthing Mandatory for the safety of persons and equipment Display Motor supply Motor supply Motor supply Motor voltage 15 Vdc min., 30 Vdc max. 10A Maximum current 10A ATO min, 20A Spring terminal, max. section 16mm²,, stripping length: 13 mm Inputs Key box / Remote control receiver Voltage Common: 24Vdc. (Imax available: 160mA, protected by a resettable thermal fuse) Wey contact type or remote control receiver Voltage Current consumed by the electronics SmA per input Spring terminal, max. section 2.5mm², stripping length: 11 mm Spring terminal, max. section 2.5mm², stripping length: 11 mm Spring terminal, max. section 2.5mm², stripping length: 11 mm	Certification	CE
Machine Directive 2006/42/EU	Certification	
EMC Directive 2014/80/EU RoISS Directive 2014/80/EU and 2015/863/EU Resistance to environmental phenomena Immunity to electrical fast transients EN 61000-4-4 Level 3 tests Romes tapply Imput supply voltages 2200 ac 100 and 2015/863/EU Power consumption in standby mode 5W, 80mA@230Vac (10A motor) 5VW, 80mA@230Vac (10A motor) 6VW, 16A@230Vac (10A motor) 6VW, 16A@230Vac (10A motor) 70 and 70 a	Compliance (of the motor and boy unit) with European	· · · · · · · · · · · · · · · · · · ·
Rolfs Directive 2011/65/EU and 2015/863/EU Resistance to environmental phenomena Immunity to electrical fast transients Immunity to shock waves EN 61000 4-4 Level 3 tests EN 61000 4-5 Level 3 tests EN 61000 4-6 Level 3 tests EN 61000 4-8 Level 6 Tests EN 61000 4-6 Level 6 Tests EN 61000 4		
Resistance to environmental phenomena Immunity to electrical fast transients EN 61000-4-5 Level 3 tests EN 61000-4-5 Level 3 tests EN 61000-4-5 Level 3 tests Power supply Imput supply voltages 230Vac 210%6. Min.: 207Vac, Max.: 253 Vac. Tolerance on input voltage 210%6. Min.: 207Vac, Max.: 253 Vac. Tolerance on input voltage 360W, 1.6A@230Vac (10A motor) 5520, 0218005. MXP Littel fixe (5A time-delay fixe) 5520, 021805. MXP Littel fixe (5	directives	
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Immunity to shock-waves EN 61000-4-5 Level 3 tests	<u> </u>	EN (1000 4 4 I 12 tt-
Power supply Input supply voltages Input supply voltages 10%. Min.: 207Vac, Max.: 253 Vac. 10%. Maximum power consumption in standby mode 360W, 15.4@230Vac. 360W, 15.4@230Vac. 10A motor) Fuse 36x0, 15.4@230Vac. 10A monatory for the safety of persons and equipment 36x10 mandatory for the safety of persons and equipment 36x10 mandatory for the safety of persons and equipment 36x10 mandatory for the safety of persons and equipment 36x10 mandatory for the safety of persons and equipment 36x10 mandatory for the safety of persons and equipment 36x10 mandatory for the safety of persons and equipment 36x10 mandatory for the safety of persons and equipment 36x10 max. 36x10 min., 30 Vdc m		
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Tolerance on input voltage \$10% Min.: 207Vac, Max.: 253 Vac.		22017
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Maximum power consumption 530W, 1.6A@230Vac (10A motor) 55x20, 0218005.MXP Littel fuse (5A time-delay fuse) 50nnection 5pring terminals, max, section 2.5mm², stripping length: 11 mm 6arthing 6biplay 6connection 6connection 6connection 7connection 7connection 8connection		
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Display Red 7-segment display		
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Motor voltage 15 Vdc min., 30 Vdc max. Maximum current 10A ATO min, 20A Spring terminal, max. section 16mm², stripping length: 13 mm Inputs Key box / Remote control receiver 2 inputs (opening and closing) Common: 24Vdc. (Imax available: 160mA, protected by a resettable thermal fuse) Key box contact type or remote control receiver 2 Dry contacts Voltage 24Vdc—26Vdc Current consumed by the electronics 8 mA per input Spring terminal, max. section 2.5mm², stripping length: 11 mm Outputs: 2 information relay switches Pump control 3 NO/NC relay switch: "pool closed" dry contacts Breaking capacity 1A@250Vac, 1A@50Vdc NO/NC relay: dry contacts "The motor is running" Breaking capacity 3A@250Vac, 3A@30Vdc Spring terminal, max. section 2.5mm², stripping length: 11 mm Communication Power supply voltage 3.3V DC Uart Connection USB-A connector Level of protection (according to EN 60529) IPX4 Installed in a room, protected from the weather (no sun, no rain) IK08	<u>Display</u>	Red 7-segment display
Maximum current Fuse ATO min, 20A Spring terminal, max. section 16mm²,, stripping length: 13 mm Inputs Key box / Remote control receiver Common: 24Vdc. (Imax available: 160mA, protected by a resettable thermal fuse) Key box contact type or remote control receiver Ory contacts 24Vdc-26Vdc Current consumed by the electronics 8mA per input Spring terminal, max. section 2.5mm², stripping length: 11 mm Outputs: 2 information relay switches NO/NC relay switch: "pool closed" dry contacts Breaking capacity 1A@250Vac, 1A@50Vdc NO/NC relay: dry contacts "The motor is running" Breaking capacity 3A@250Vac, 3A@30Vdc Spring terminal, max. section 2.5mm², stripping length: 11 mm Communication Power supply voltage Protocol Uart Connection USB-A connector Level of protection (according to EN 60529) IPX4 Installed in a room, protected from the weather (no sun, no rain) Inputs		
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Spring terminal, max. section 16mm², stripping length: 13 mm	Maximum current	10A
Inputs Key box / Remote control receiver Common: 24Vdc. (Imax available: 160mA, protected by a resettable thermal fuse) Key box contact type or remote control receiver Voltage Current consumed by the electronics Connection Outputs: 2 information relay switches • Electrolyser control Pump control NO/NC relay switch: "pool closed" dry contacts Breaking capacity 1A@250Vac, 1A@50Vdc • Pump control NO/NC relay: dry contacts "The motor is running" Breaking capacity 3A@250Vac, 3A@30Vdc Spring terminal, max. section 2.5mm², stripping length: 11 mm Communication Power supply voltage Protocol Connection USB-A connector Level of protection (according to EN 60529) IPX4 Installed in a room, protected from the weather (no sun, no rain) IK08	Fuse	ATO min, 20A
2 inputs (opening and closing)	Connection	Spring terminal, max. section 16mm ² ,, stripping length: 13 mm
Common: 24Vdc. (Imax available: 160mA, protected by a resettable thermal fuse) Key box contact type or remote control receiver Voltage Current consumed by the electronics SmA per input Connection Outputs: 2 information relay switches Electrolyser control Pump control NO/NC relay: switch: "pool closed" dry contacts Breaking capacity 1A@250Vac, 1A@50Vdc NO/NC relay: dry contacts "The motor is running" Breaking capacity 3A@250Vac, 3A@30Vdc Spring terminal, max. section 2.5mm², stripping length: 11 mm Connection Connection Spring terminal, max. section 2.5mm², stripping length: 11 mm Communication Power supply voltage Power supply voltage 1.3.3V DC Uart USB-A connector Level of protection (according to EN 60529) IPX4 Installed in a room, protected from the weather (no sun, no rain) IK08	<u>Inputs</u>	
Key box contact type or remote control receiver Voltage Current consumed by the electronics Spring terminal, max. section 2.5mm², stripping length: 11 mm Outputs: 2 information relay switches NO/NC relay switch: "pool closed" dry contacts Breaking capacity 1A@250Vac, 1A@50Vdc Pump control NO/NC relay: dry contacts "The motor is running" Breaking capacity 3A@250Vac, 3A@30Vdc Spring terminal, max. section 2.5mm², stripping length: 11 mm Communication Power supply voltage Power supply voltage Ocnnection Connection USB-A connector Level of protection (according to EN 60529) IPX4 Installed in a room, protected from the weather (no sun, no rain) IK08	Vay boy / Romoto control receiver	2 inputs (opening and closing)
Voltage Current consumed by the electronics 8mA per input Spring terminal, max. section 2.5mm², stripping length: 11 mm Outputs: 2 information relay switches • Electrolyser control NO/NC relay switch: "pool closed" dry contacts Breaking capacity 1A@250Vac, 1A@50Vdc • Pump control NO/NC relay: dry contacts "The motor is running" Breaking capacity 3A@250Vac, 3A@30Vdc Spring terminal, max. section 2.5mm², stripping length: 11 mm Communication Power supply voltage Protocol Connection USB-A connector Level of protection (according to EN 60529) IPX4 Installed in a room, protected from the weather (no sun, no rain) IK08	key box / Remote control receiver	Common: 24Vdc. (Imax available: 160mA, protected by a resettable thermal fuse)
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Spring terminal, max. section 2.5mm², stripping length: 11 mm Outputs: 2 information relay switches • Electrolyser control NO/NC relay switch: "pool closed" dry contacts Breaking capacity 1A@250Vac, 1A@50Vdc NO/NC relay: dry contacts "The motor is running" Breaking capacity 3A@250Vac, 3A@30Vdc Spring terminal, max. section 2.5mm², stripping length: 11 mm Communication Power supply voltage Protocol Uart Connection USB-A connector Level of protection (according to EN 60529) The box's impact resistance NO/NC relay: witch: "pool closed" dry contacts Breaking capacity 3A@250Vac, 1A@50Vdc NO/NC relay: my contacts "The motor is running" Breaking capacity 3A@250Vac, 3A@30Vdc Spring terminal, max. section 2.5mm², stripping length: 11 mm USB-A connector IPX4 Installed in a room, protected from the weather (no sun, no rain) IK08	Voltage	24Vdc- 26Vdc
Outputs: 2 information relay switches • Electrolyser control NO/NC relay switch: "pool closed" dry contacts Breaking capacity 1A@250Vac, 1A@50Vdc NO/NC relay: dry contacts "The motor is running" Breaking capacity 3A@250Vac, 3A@30Vdc Spring terminal, max. section 2.5mm², stripping length: 11 mm Communication Power supply voltage Protocol Uart Connection USB-A connector Level of protection (according to EN 60529) IPX4 Installed in a room, protected from the weather (no sun, no rain) IK08	Current consumed by the electronics	8mA per input
NO/NC relay switch: "pool closed" dry contacts Breaking capacity 1A@250Vac, 1A@50Vdc NO/NC relay: dry contacts "The motor is running" Breaking capacity 3A@250Vac, 3A@30Vdc Spring terminal, max. section 2.5mm², stripping length: 11 mm Communication Power supply voltage Protocol Uart Connection USB-A connector Level of protection (according to EN 60529) IKO8 NO/NC relay switch: "pool closed" dry contacts Breaking capacity 1A@250Vac, 1A@50Vdc Spring terminal, max. section 2.5mm², stripping length: 11 mm USB-A connection 2.5mm² (according to EN 60529) IPX4 Installed in a room, protected from the weather (no sun, no rain) IKO8	Connection	Spring terminal, max. section 2.5mm ² , stripping length: 11 mm
Pump control NO/NC relay: dry contacts "The motor is running" Breaking capacity 3A@250Vac, 3A@30Vdc Connection Spring terminal, max. section 2.5mm², stripping length: 11 mm Communication Power supply voltage Protocol Connection USB-A connector Level of protection (according to EN 60529) The box's impact resistance NO/NC relay: dry contacts "The motor is running" Breaking capacity 3A@250Vac, 3A@30Vdc Spring terminal, max. section 2.5mm², stripping length: 11 mm USB-A connection Usrt (uart (uar	Outputs: 2 information relay switches	
Pump control NO/NC relay: dry contacts "The motor is running" Breaking capacity 3A@250Vac, 3A@30Vdc Spring terminal, max. section 2.5mm², stripping length: 11 mm Communication Power supply voltage Protocol Uart Connection USB-A connector Level of protection (according to EN 60529) IRVA Installed in a room, protected from the weather (no sun, no rain) IK08	El-tu-lu-u-u-u-l	NO/NC relay switch: "pool closed" dry contacts
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Connection Spring terminal, max. section 2.5mm², stripping length: 11 mm Communication Power supply voltage Protocol Connection USB-A connector Level of protection (according to EN 60529) IPX4 Installed in a room, protected from the weather (no sun, no rain) IK08		
Communication Power supply voltage 3.3V DC Protocol Connection USB-A connector Level of protection (according to EN 60529) IPX4 Installed in a room, protected from the weather (no sun, no rain) The box's impact resistance IK08	Connection	
Protocol Uart Connection USB-A connector Level of protection (according to EN 60529) IPX4 Installed in a room, protected from the weather (no sun, no rain) The box's impact resistance IK08	Communication	
Protocol Uart Connection USB-A connector Level of protection (according to EN 60529) IPX4 Installed in a room, protected from the weather (no sun, no rain) The box's impact resistance IK08	Power supply voltage	3.3V DC
Connection USB-A connector Level of protection (according to EN 60529) IPX4 Installed in a room, protected from the weather (no sun, no rain) The box's impact resistance IK08		
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The box's impact resistance IK08		
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Storage/running temperature -5°C to +50°C - 10°C> +60°C	Environment Storage/running temperature	5°C to 150°C 10°C > 160°C
		· ·
	Humidity Cleaning	
Do not use sorvents	Cleaning	אס ווטר מפר פסואבוונפ

2.2 DESCRIPTION, BETA VERSION 2025 (*)

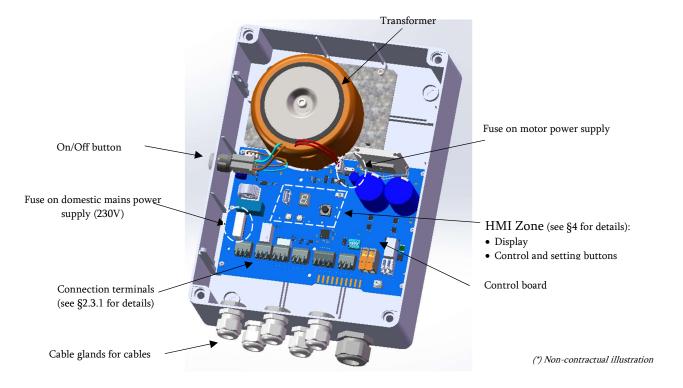


Figure 1: Beta Box

2.2.1 Compatible motors and installations

Type of submersible motor	Sensor logic	Compatibility with the 2000 Box
Coveo 120Nm	PNP	yes
Coveo 140Nm	NPN	yes
Coveo 200Nm	PNP	yes
Coveo 300Nm	PNP	yes
Motorisation >10A	-	NO

The 2000 box is NOT compatible with motors consuming more than 10A (Coveo IM 300+ and IM600 or others).

The 2000 box (Beta 2025 version) is intended for motors submerged to a maximum depth of 1 meter.

2.2.2 Case design (Beta 2025 version)

The case design is set to change in 2026

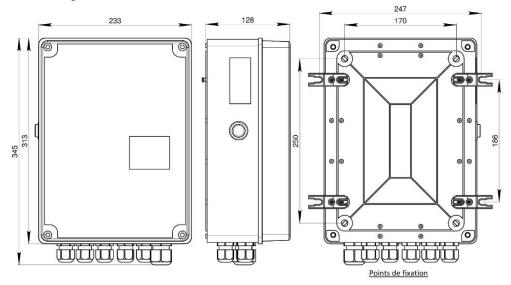


Figure 2: Dimensions of the box

2.3 INSTALLATION WIRING DIAGRAMS

2.3.1 Terminals (*)

The board is equipped with "spring" terminals that do not require tools to connect/disconnect cables.

- To connect cables (preferably single-strand), in most cases it is sufficient to push the cable into the terminal block: No need to lift the lever.
- To disconnect a cable, life the terminal lever.

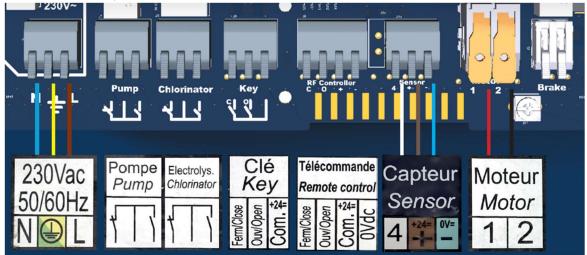


Figure 3: Terminal details

(*) Non-contractual illustration



Before connecting them, check that the cables are free of defects.

After connecting them, tighten the cable glands to ensure the box is watertight.

2.3.2 Cover motor cabling

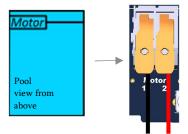
The box is usually connected to the motor by two cables: a motor cable and a cable for sensor signals.

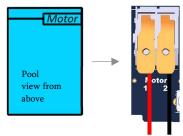
The connection between these cables and the motor cable is made in a connection box installed beneath the edging tile. The seal is made when it is powered down by filling the connection box with gel (gel not supplied), see *Figure 4*

The cover motor must be connected to the box via the dedicated terminal block.

Installation direction:

The red and black wires of the motor are connected to the terminal blocks according to the position of the motor in the pool.





To guarantee sufficient speed for the motor, the voltage drop at full charge between the power supply box and the motor must not exceed 2 Volts. The motor power supply cable conductor cross-section must respect the cross-section recommendations according to the distance between the control box and the motor:

Coveo 120 Nm: (7A max)

Motor control box distance	2m <l<=10m< th=""><th>10m<l<= 20="" m<="" th=""></l<=></th></l<=10m<>	10m <l<= 20="" m<="" th=""></l<=>
Recommended cross- section	2.5 mm ²	2.5 mm ²

Coveo 200Nm and 300 Nm: (10A max)

Motor control box distance	2m <l<=10m< th=""><th>10m<l<= 20="" m<="" th=""></l<=></th></l<=10m<>	10m <l<= 20="" m<="" th=""></l<=>
Recommended cross- section	2.5 mm ²	4 mm ²

These cross-sections are indicated in the case of maximum product consumption. The length can be increased if the consumption is lower (consult SIREM).

If the cable is shielded, connect it to the dedicated terminal (which is connected to Earth)

2.3.3 Cover motor sensor wiring

For Coveo range motors, connect only the white/brown/blue wires to the "Sensor" terminal block, and separate the remaining (orange) wire and insulate it.

It is preferable to use <u>a shielded cable</u> in order to protect the motor from atmospheric surges. This protection will only be effective if the shielding is connected to the dedicated terminal.

The cross-section of the conductors of this cable must be at least 0.75mm², and the length of the cable must be 50m maximum.



2.3.4 Key switch wiring

A key switch MUST be connected to the box via the "Key" terminal block.

Connect:

- The close contact to terminal "C"
- The open contact to terminal "O"
- The shared one to the right terminal

Check these connections during programming (§4).

2.3.5 WIRING OF A REMOTE CONTROL

A remote control can be connected to the "RF controller" terminal.

Connect:

- The close contact to terminal "C"
- The open contact to terminal "O"
- Power supply (Common and 24VDC) to the "-" and "+" terminals

RF Controller

2.3.6 Wiring the power supply to the mains (230V)

The box must be connected to the domestic network via a 4A, 30mA differential circuit breaker. (Not supplied). The connection must be made via the dedicated terminal block:

- Neutral wire on terminal "N"
- Phase wire on terminal "L"
- Ground wire on termin



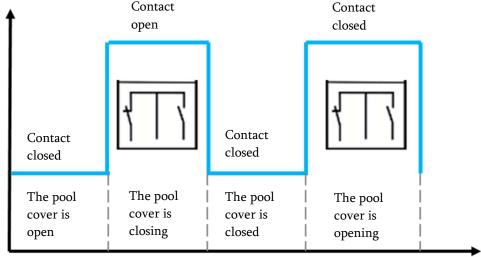


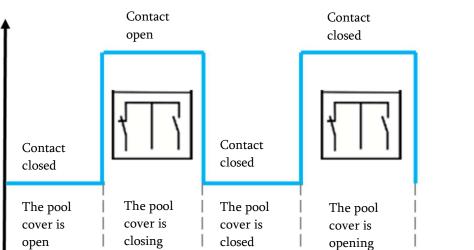
2.3.7 WIRING OF PUMP CONTACTOR

The box allows the operation of a pump to be controlled according to the cover status, via a dry contact. To do this, connect the pump control to the "Pump" terminal block.

The box must not under any circumstances be used as a power supply for the pump. Operation:

With a connection made to NO (Normally Open) as shown in the image, the <u>Pump</u> contact operates as follows:





Electrolyser wiring

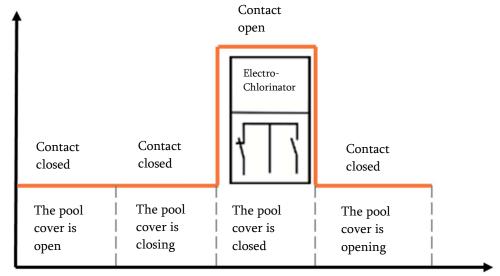
The box allows the operation of an electrolyser to be controlled according to the cover status, via a dry contact.

To do this, connect the electrolyser control to the "Chlorinator" terminal block.

The box must not under any circumstances be used as a power supply for the electrolyser.

Operation:

With a connection made to NO (Normally Open) as shown in the image, the **Chlorinator** (electrolyser) contact operates as follows:







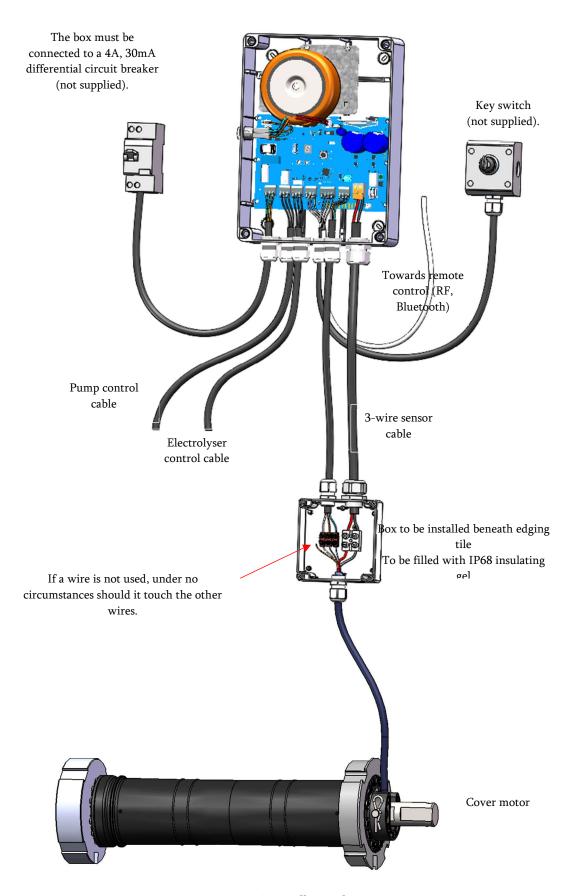


Figure 4: Installation diagram

SETTINGS

4.1 CHOICE OF PNP OR NPN MOTOR TYPE:

The box allows you to control Coveo **PNP and NPN** motors. Select by toggling the dedicated switch **before powering up the box.**

4.2 MOTOR CONTROL MODE SELECTION

It is possible to select the motor control mode.

Select by toggling the dedicated switch before powering up the box.

- AUTO-MANU (A-M): Opening of the cover in impulse mode, closing in maintained contact mode.
- **AUTO-AUTO (A-A)**: Opening and closing of the cover in impulse mode. This control mode is not authorised in France.

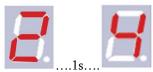


Caution: Only the AUTO-MANU mode is authorised in France.

The AUTO-AUTO mode does not comply with the NF P90-308 standard and is prohibited in France

5 PROGRAMMING

When the box is powered up, the software version appears on the 7-segment display. Example of display sequence:



means version 2.4

PNP

5.1 LED STATUSES

The colour of the LEDs in zones **2** and **3** indicates the status of the setting:

- A RED LED indicates that the value or function is not set.
- A **RED FLASHING** LED indicates that it is this parameter or function that is about to be set.
- A **GREEN** LED indicates that the value or function has been set.

When the box is first switched on, the LEDs in zones **2** and **3** are **RED** as shown in the following diagram:



The other LEDs are status LEDs that indicate the current operating state.



5.2 CHECKING THE WIRING

Once the wiring is complete, carry out the following protocol to check that the installation is working correctly:

- 1. In zone 1 MOTOR MODE, turn the switch to MANUAL & CLEANING
- 2. Turn the key switch to **OPEN**. The pool should **OPEN**, no numbers should flash on the display.

If the pool **CLOSES**, check the key switch connection (§2.3.4) and fix the wiring.

Once the correct direction of the motor has been checked, use the **MANUAL & CLEANING** mode to unroll the cover in order to install it correctly on the pool.

Once the cover has been installed, the box can be set.

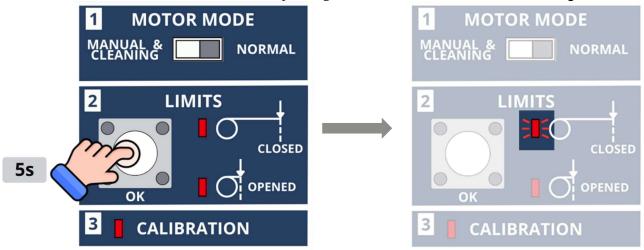
5.3 SETTING THE END STOPS

Switch to **NORMAL** mode using the switch in zone 1 **MOTOR MODE**.

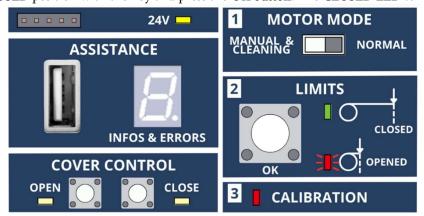


Then, use zone **2 LIMITS**.

Press the **OK button** for **5 seconds** to enter the end stop setting mode. The **CLOSED LED will start flashing RED**.

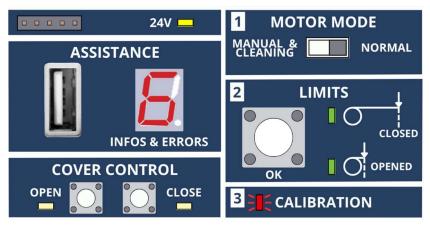


Move the tab to the **CLOSED** position with the key and press the **OK button**. The **CLOSED LED** turns **GREEN**.



The **OPENED LED** will start **flashing RED**. Move the cover to the **OPEN** position with the key and press the **OK button**. The **OPENED LED** turns **GREEN**.

The end stops are correctly set.



A fixed "6" will appear on the display: this is not a problem!

5.4 CALIBRATION OF THE INSTALLATION

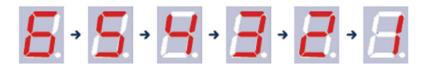
Once the end stops have been set, the CALIBRATION LED will start flashing RED



You must **OPEN** then **CLOSE** the cover completely 3 times (i.e. 6 back and forth movements) to ensure optimal protection of the installation.

The 2000 box has anti-tear protection in the event of an anomaly (for example: straps forgotten or an object present in the pool when closing the cover).

The display shows the number of **OUT or RETURN** trips remaining.





Caution: you must make sure that you reach the end stop each time!

Once this is done, the CALIBRATION LED turns GREEN.



The box has been set up correctly and is ready to be used!

5.5 USE

5.5.1 RESETTING AND REDEFINING THE END STOPS

To reset the box and restart the end stop setting procedure:

- In zone 1 MOTOR MODE, SWITCH to NORMAL mode
- In zone 2 LIMITS press the OK button for 5 seconds.

The CLOSED and OPENED LEDs of zone 2 will turn RED



The end stops and calibration setting procedures (§5.3 and §5.4) must be repeated.

5.5.2 SETTING THE CONTROL MODE, ZONE 1:



- MANUAL & CLEANING: This mode allows the cover to be opened and closed manually.
 - o It is possible to go beyond the programmed end stops
 - o The speed is constant and slow
- NORMAL: This mode allows the cover to be opened and closed with an automatic stop at the end stop.

5.5.2.1 MAINTENANCE AND CLEANING OF THE POOL

It is possible to move the cover **beyond the end stops** in order to access the skimmer for cleaning. To do this:

• In zone 1 MOTOR MODE, switch to MANUAL & CLEANING:



• Use the key switch or buttons in the **COVER CONTROL** area to move the cover beyond the end stops.

When you go beyond an end stop, the associated LED in zone 2. LIMITS turns FLASHING GREEN.

To go back to NORMAL operation:

- Use the key switch or the buttons in the **COVER CONTROL** area to reposition the cover **between the end stops**. Once the cover is repositioned between the end stops, the associated LED becomes a **CONSTANT GREEN**.
 - In zone 1 MOTOR MODE, switch to NORMAL





While the cover is not between the end stops, NORMAL mode cannot be activated

5.5.3 COMMUNICATION PORT:

This port is for maintenance purposes.

Its specific connection only allows one SIREM device to be connected.





Do not connect any USB device (external battery, mobile phone, etc.) other than those authorised by SIREM.

5.6 FAULTS

If a fault occurs, the display will show a **flashing** reference number.

Error No	Meaning	Error correction
1	Faulty circuit board	The box needs to be replaced
2	Sensor signals are not reaching the box	 Check the wiring between the motor and the box Check the continuity of the motor output cable
	Motor overload causing current consumption above	
3	the maximum allowed:	Remove the overload and restart the box. If the fault reappears, it may be
6	If 3: Calibration set in the box (10A) exceeded If 6: Threshold set by the CALIBRATION step during	necessary to repeat the start-up step to generate a new calibration. This fault is
_	OLOSE exceeded	not blocking, two turns of the key cancel
7	If 7: Threshold set by the CALIBRATION step during OPEN exceeded	the fault and restart the motor.
4	No motor voltage:	Check the ATO fuse and the transformer
8	Mains error. Disturbance present in the power supply grid (230Vac):	Depending on the situation, this error may not be logged in the history.
9	Motor disconnected. The box cannot start the motor, the motor is correctly supplied with power but no current can flow into the motor. It is likely that the motor is not connected	Check the wiring (power cable)

Online Help: https://www.sirem.fr/coffret-2000/, or QR code

6 ACCESSORIES

The box comes with:

- A bag of accessories including:
 - 4 ø8x40 dowels
 - 4 ø5.5x50 screws
- A drilling template
- A quick start guide in a plastic sleeve

7 DIMENSIONS & WEIGHT (BETA 2025)

Weight of box 2000-10A: 3.5 kg

8 PRODUCT MARKING

The box has a label indicating its characteristics.

