



SCHEIBER

L'innovation française depuis 1965

Multibloc

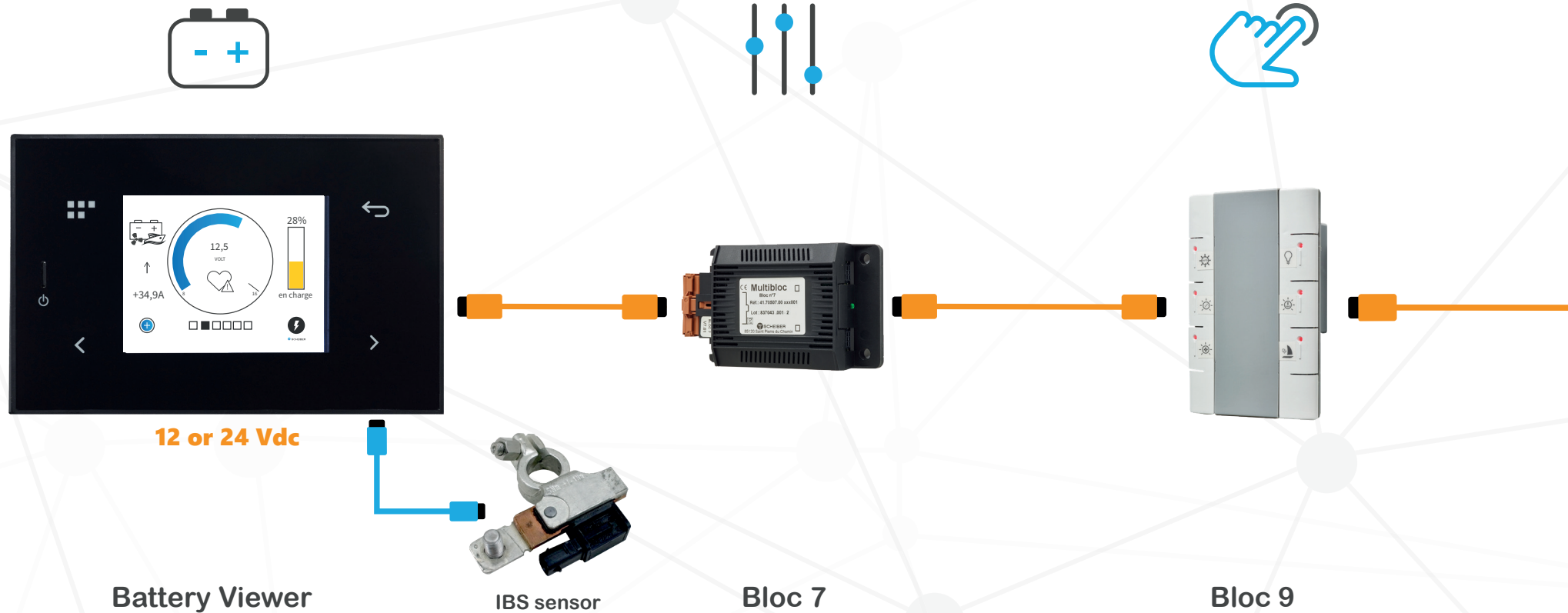
Centralize your energy
management with the
Multibloc network



View

Measure

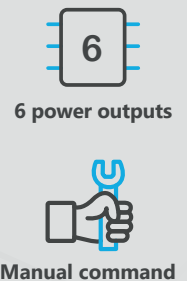
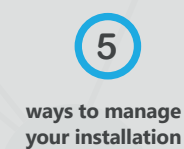
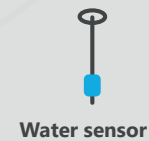
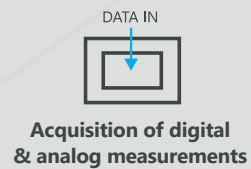
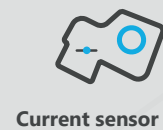
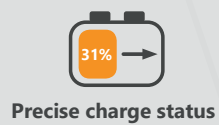
Manage



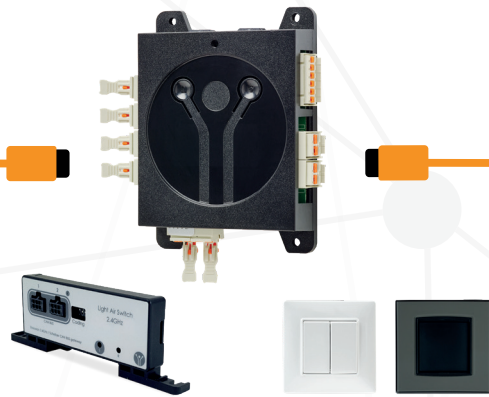
Keep an eye on the battery status

Collect and centralize all measurements

Manage and protect the equipment



Light



Light Air Switch

Simplify the low voltage lighting installation 8-32VDC



Dimming



Wireless



5A
Protection



Battery-free

Select



AC Power Selector

Switch between 2 AC sources



Remote control



Power Generator
start-up and status



Optimized wiring



Measure AC frequency
voltage on 2 inputs

Connect



Heating

Air conditioning



Sensor



Charger



Charger - inverter



Watermaker



Audio

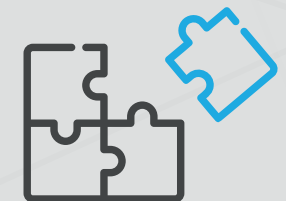


Lithium battery



Navigation screen

Complete the installation with compatible products



Manage batteries

www.battery-viewer.com

Kit available !



Keep an eye on the battery status



The Battery Viewer solution allows the visualization of the status information of one or more batteries* : each battery is monitored by an intelligent battery sensor (IBS sensor, derived from automobile technology) which reliably and accurately measures the voltage values, current and temperature of the battery.

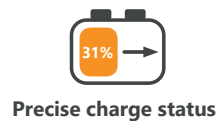
These measurements make it possible to display the values on the Navicolor screen and to inform the user in a simple and real-time way of the state of the batteries.

Compatible lithium battery with a dedicated interface

This real onboard computer centralizes all the information and offers a transparent view of all consumption.

* Up to 6 batteries.

To monitor more batteries, you can add a bloc 7, a bloc 9, or a connected charger.



Precise charge status



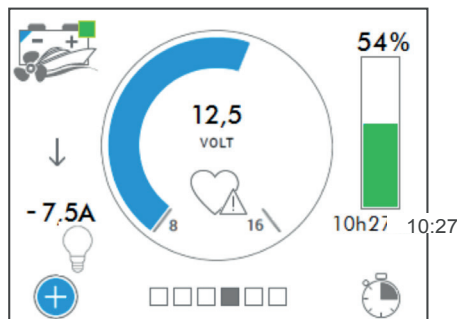
Voltage



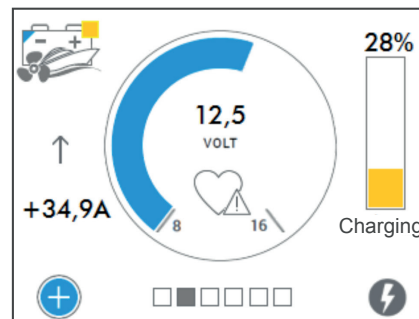
Remaining capacity



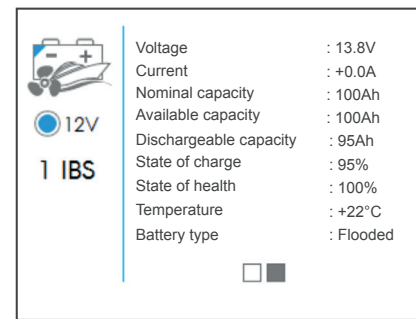
Consumption



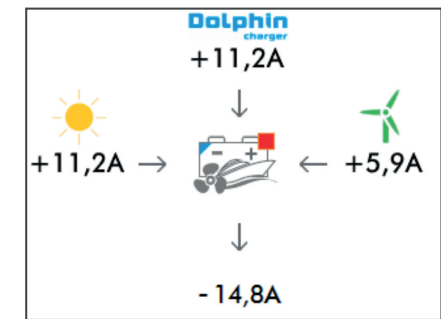
Remaining capacity



Percentage of charge



Features and battery status

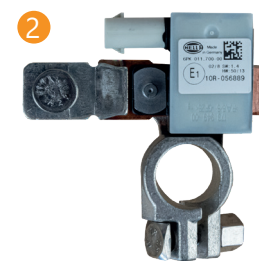
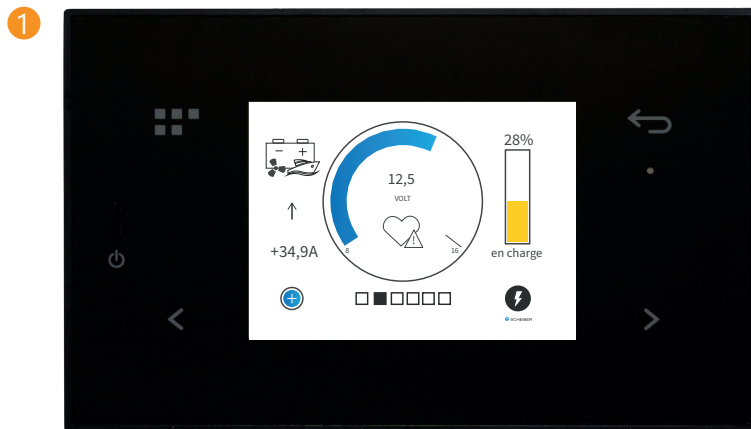


Consumption (in/out current)



Kit contents

- 1 Navicolor 3.5" touchscreen x 1
- 2 IBS sensor (Intelligent Battery System) 12V or 24V x 1
- 3 battery terminal x 2
- 4 power cable for IBS sensor x 1
- 5 connecting cable sensor/touchscreen x 1



Collect the measurements

Centralize analog & digital measurements



The Bloc 7 is a measuring bloc integrating 6 universal inputs.

They allow the measurement of:

- voltages between 0 and 30 VDC in order to acquire analog measurements (battery voltage)
- voltages between 0-10 VDC (sensor voltage).
- water levels (fresh water, gray water, black water, fuel) by configuring the input as a current generator.

Bloc 7 also integrates 3 digital inputs to view the state of sensors (bilge pump).

Via the LIN Bus you can add up to 6 IBS sensors.

If bloc 7 is connected to a Navicolor screen, all measurements can be viewed from the touch screen.

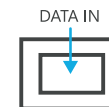
The bloc 7 may be configured in 3 different ways: from a Navicolor, a PC with the MULTICOM software and the CAN/USB interface, or from a configuration interface of the wifi server.



Level
measurement



Current
measurement



Acquisition of digital
& analog values



3 ways to set-up
bloc 7

Features

- 6 configurable analog inputs :
 - 0-30VDC (battery voltage)
 - 0-10V (current sensor)
 - 0-180Ω (fresh water or fuel sensor)
 - 30-240 Ω (grey water sensor)

- 3 digital inputs :
 - 1 input (+) type pnp
 - 2 inputs (-)

- BUS LIN

Manage the equipment

A multitude of configurable functions



The power bloc can control up to 6 functions

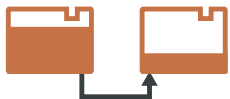
Bloc 9 is a power bloc with 6 outputs controlled from a remote screen or directly on its box using the 6 physical buttons. The status of each output is visualized by an LED. The bloc integrates the protection of the 6 outputs. A manual command of each output is possible using a bypass fuse.

To benefit from a greater number of functions, it is possible to associate several blocs 9 on the same installation.

The protections of the 6 power outputs are adjustable from 3 to 25A and can control 12/24 VDC networks such as:

- interior lighting,
- navigation instruments,,
- navigation lights,
- pumps,
- comfort devices,
- etc,...

Additional functions



Fuel transfer

Associated with a Bloc 7 and a Navicolor, Bloc 9 allows operation of pumps to make fuel transfers from one tank to another one directly from the touch screen.

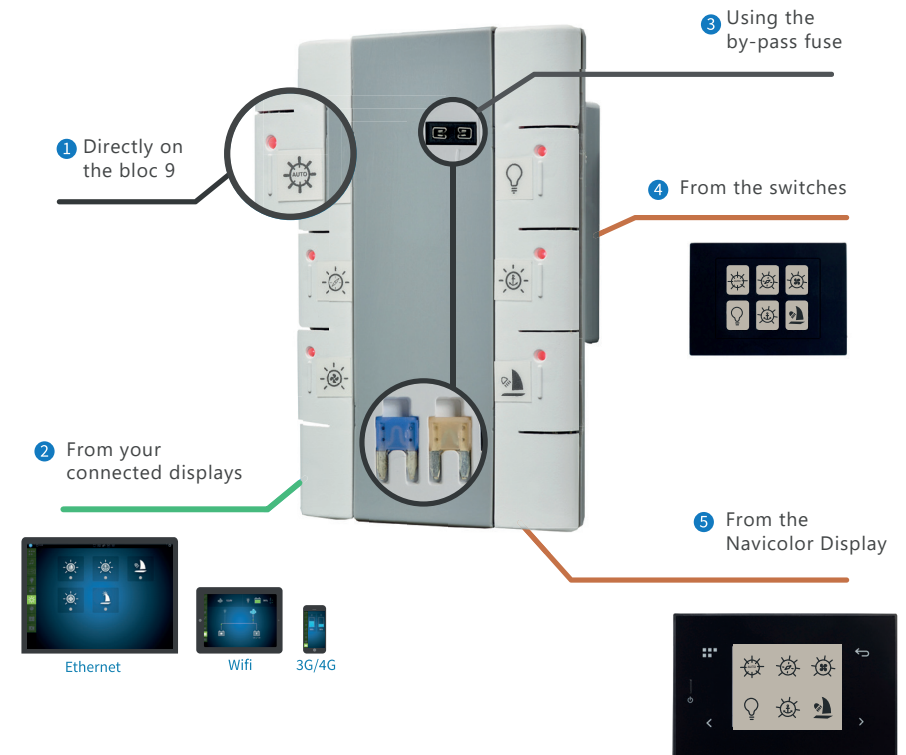


AC selective power cut

In combination with an AC power selector, a battery charger and a Navicolor, Bloc 9 automatically manages load shedding based on the threshold chosen by the user. Thus, the system will reduce the charging power of the battery(s) to avoid overloading the power supply 110VAC/240VAC.

5

ways to manage the equipment



Manage lighting

www.light-air-switch.com

Kit available !



Dimming



General control



Wireless



Battery-free

A lighting solution without batteries, or wires



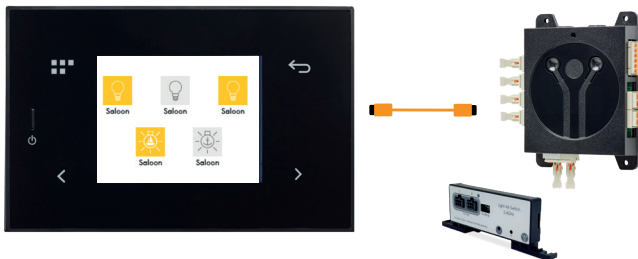
Light Air Switch brings simplicity to the organization and installation of your low voltage DC lighting (8-32Vdc).

The Light Air Switch kit contains the antenna module 2.4Ghz, which allows the wireless and battery-free switches to be used worldwide. Dimming function is available by holding down the switch button to adjust the brightness of the light to the desired level according to the needs and the time of the day. When you leave, it is possible to switch off all the lights with the function : "switch off all". Thanks to the wireless and battery-free switches, you'll save time and money because of the minimal installation effort. Length of wires saved, no need to make holes in the wall: place the switches anywhere and make your network limitless! Need to reorganize the room? Just move your switches wherever you want, you can also add a switch in less than 2 minutes.

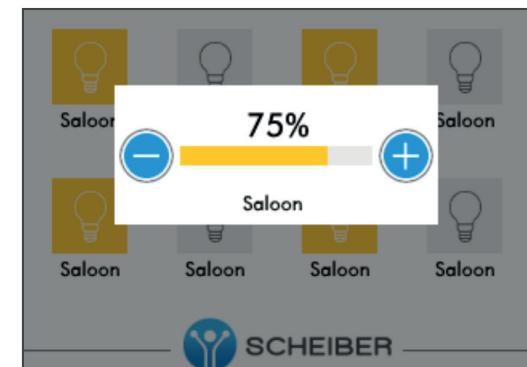
In addition to this, it's possible to add a wifi server, and thus access to your installation from everywhere with your smartphone & tablet, for example to see in real time if you have turned off the lights when you left. Creating lighting scenarios is also possible, to simulate a presence, set-up a timer for outside lighting, create various lighting atmospheres, etc...

Light Air Switch is compatible with the Scheiber Multibloc network, to easily see and manage your lighting installation from the Navicolor display screen.

Combined with Navicolor



Overview and state of lights

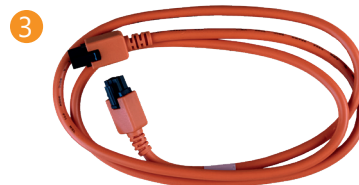


Dimming



Kit contents

- 1 Lighting control module x1
- 2 2.4Ghz Antenna module x1
- 3 CAN cable (1m) x1
- 4 120 Ω terminal resistor x2
- 5 6-way PicoMax connector x1
- 6 2-way PicoMax connector x8
- 7 White 1-button switch x1
- 8 White 2-button switch x1



EXPANSIONS AVAILABLE :

up to 8 lighting control modules
(6 outputs on each module,
max. current per module: 20A)

MAXIMUM PAIRINGS PER MODULE :

128.

Up to 32 2-button switches / 64 1-button switches

SECURITY :

each output is equipped of dimmer and electrical protection.

DESIGN :

our switches are compatible with standard switch frames: Vimar (eikon, plana)

COMPATIBILITY :

this system can also be connected to wired switches (for example waterproof switches or momentary ON/OFF push switches).

En option

- One or more lighting control module
- Navicolor display screen
- Wifi server
- AC/DC power supply
- Cables and harness
- Additional switches (white or grey)



Select AC source

Switch between 2 AC sources



Replace your manual selector or contactor panel.

The AC power selector makes it possible to switch from one AC source to another to supply an AC 110/230VAC 50/60Hz network, for example from the dock to the generator. You can view the different available sources and switch from the touch screen to the selected source by transmitting the data via the CAN link. Thus, the AC power selector switches to the source of your choice thanks to the motorized control. Several AC power selectors can be associated in a single installation.

Thanks to an optional current sensor wired at the output of the selector, load shedding is possible by adjusting the power of the connected battery chargers and thus avoiding the cut-off of the dock breaker or the generator set.



***option : output
AC current measurement**

Advantages

- Time saving, optimized wiring
- Easy installation and use
- 3 versions available : 40A, 63A, 125A.

Once a position has been selected, the selector does not consume energy.



Manual command



Remote control



Optimized wiring



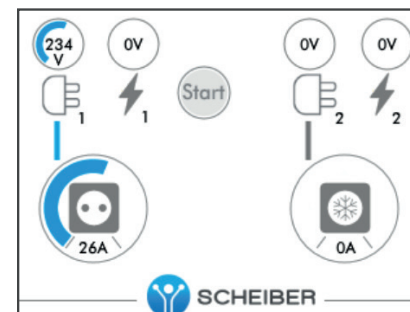
Generator start-up
and status



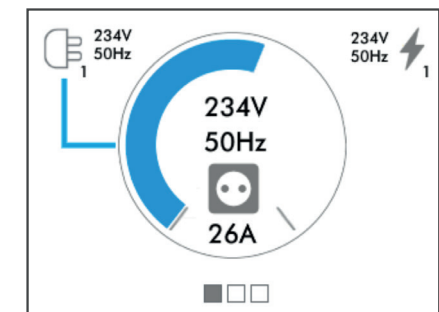
Measure AC frequency
voltage on 2 inputs



Isolated voltage measurement
of generator battery



View of two AC power selectors



Details of the AC power selector N°1

Connect

Heating & air-conditioning



ALDE
TRUMA
WEBASTO
DOMETIC

Sensor



HELLA

Inverter-charger



TBB

Lithium battery



SUPER B
EZA

Watermaker



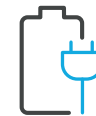
DESSALATOR

Audio



ATOLL
FUSION

Charger



CRISTEC
DOLPHIN

Connectivity

Interfaces

- CAN/CAN
- CAN/USB
- CAN/NMEA2000
- CAN/RS

WIFI server

- Local or remote network access with 3G-4G key option
- Management of audio amplifiers, lighting and shutters
- Troubleshooting help



Navigation screen



GARMIN
NAVICO-SIMRAD
RAYMARINE



SCHEIBER

L'innovation française depuis 1965

Question ?

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