I FEEL SLOVENIA

Marine catalog **2024**

SIMARINE


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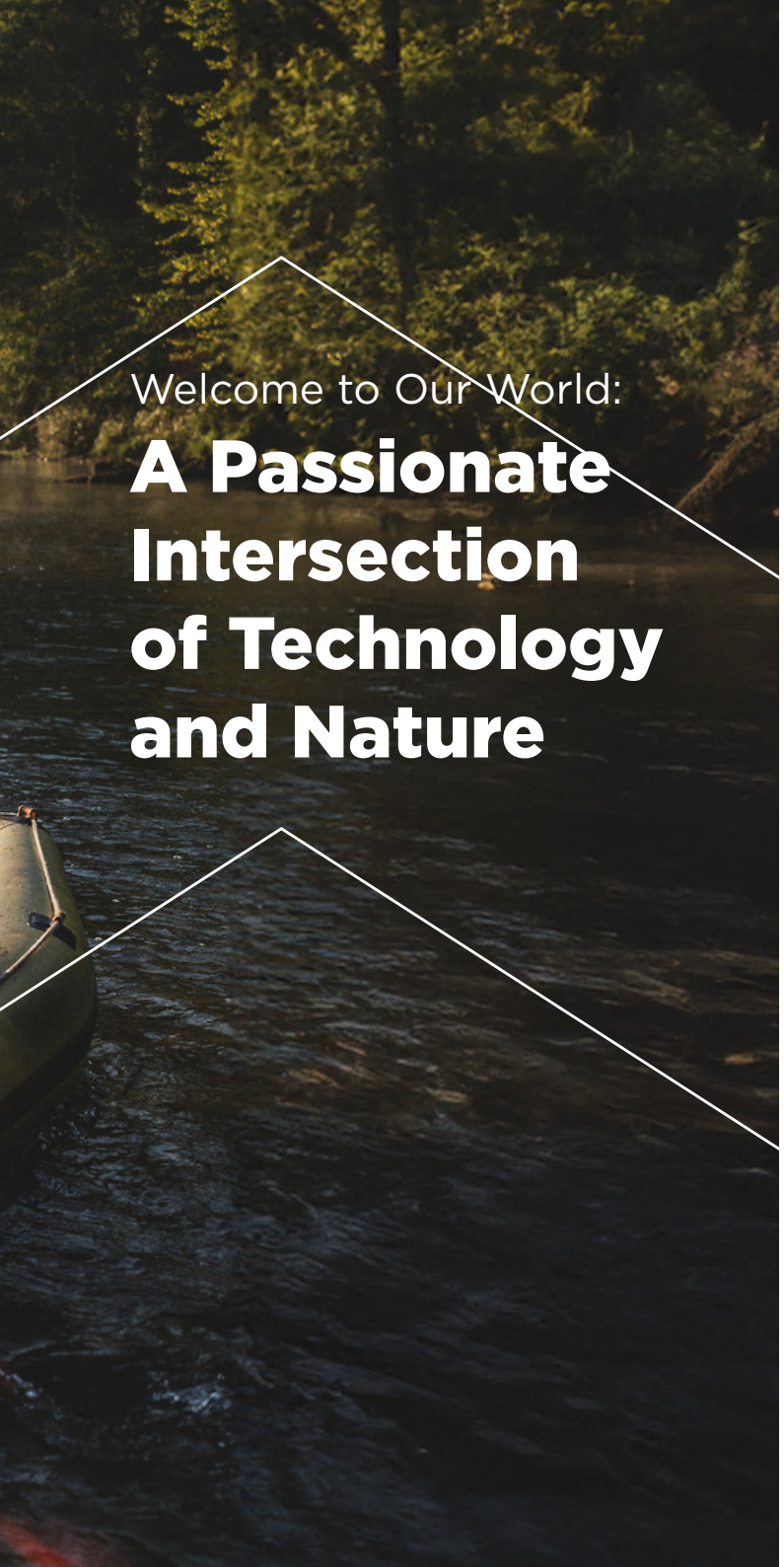
GUMAR



Welcome to Our World:

A Passionate Intersection of Technology and Nature

SIMARINE

Embark on a journey where technological innovation and nature harmoniously intertwine, presenting a collection that speaks of dedication and meticulous craftsmanship – all manifested within our new catalog of marine electronic products. Proudly designed and brought to life amidst the picturesque landscapes of Slovenia – each piece encapsulates a fragment of our rich and vibrant heritage.

We are very proud of our beautiful homeland, which has offered us the space to live experiences, create memories, and breathe life into crazy ideas.

Our valuable partners who have supported our vision right from the start, along with all of you who have joined us along the way, have enriched our journey and our products – mirroring the utmost integrity and quality that we staunchly stand for.

Through our creations we aspire to share a piece of our Slovenia with you – illustrating a tale of timeless beauty and advanced technology through products that promise reliability, efficiency, and uncompromised quality.

Join us in navigating through an exploration of our cutting-edge digital switching solutions, monitoring, and control systems – where every piece is forged with Slovenia and technological brilliance.

We are sure that our products, much like the splendid views of our homeland, create warm experiences and beautiful memories.

Nereide 2

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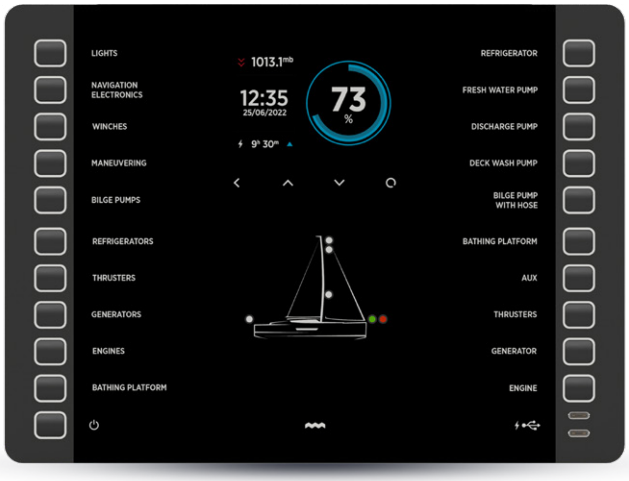

Nereide Pro

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Monitors & control panels

Easy Customization

Pico monitoring system built-in

NMEAcompatible

NEREIDE 2

A complete digital switching solution for yachts

CLASSY DESIGN

An elegant combination of tactile buttons and a digital display. The aluminum casing and optically bonded display give the control panel a high-end look that complement the interior of your boat or yacht.

The slightly raised and rounded buttons provide a comfortable feel when touched.

The front can be flush with the surface or only 5 mm above it.

Remote management

Low power consumption

With care for the Earth in mind

Customize the printed labels next to the buttons.

Make your control panel unique and let it serve your needs and habits.

More info at **www.simarine.net**

Also the 12V distribution unit is one of a kind

- It’s sleek, compact and has a low profile.
- It features an ultra durable circuit board with protective coating.
- The robust aluminum base protects the circuit board and provides efficient passive cooling.
- For easy access and extra protection for relays and fuses, we added protective covers that open without tools.

Partnership with HanseYachts AG

We are honored that our Nereide 2 complements the yacht’s interior of one of the world’s largest manufacturers of sailing yachts, HanseYachts AG.

This leading German yacht company owns 6 innovative brands, you can find the Nereide 2 at Hanse, Dehler and Fjord.

Ultra low power consumption

The distribution unit uses only 10 mA, while the panel consumes 30 mA when switched off with the logger active.

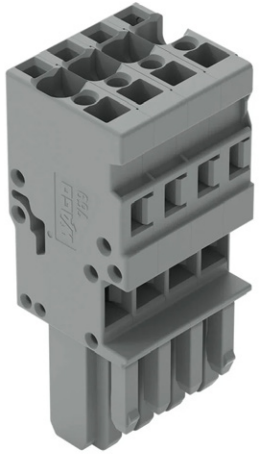
Nereide 2 can be placed between the main battery and the main switch. The beauty of this is that it won’t drain your battery if you don’t sail for a while. Even in this low power mode, the system offers comprehensive remote monitoring and management functions.

NMEA 2000 compatible system

Control your appliances directly from the plotter. Nereide 2 digital switching system is compatible with the NMEA protocol to ease the control of your yacht.

Remote management with Marine BM-40 and BM-50

Plug and Play compatible with the renowned Remote Management System by **Sentinel Marine**.



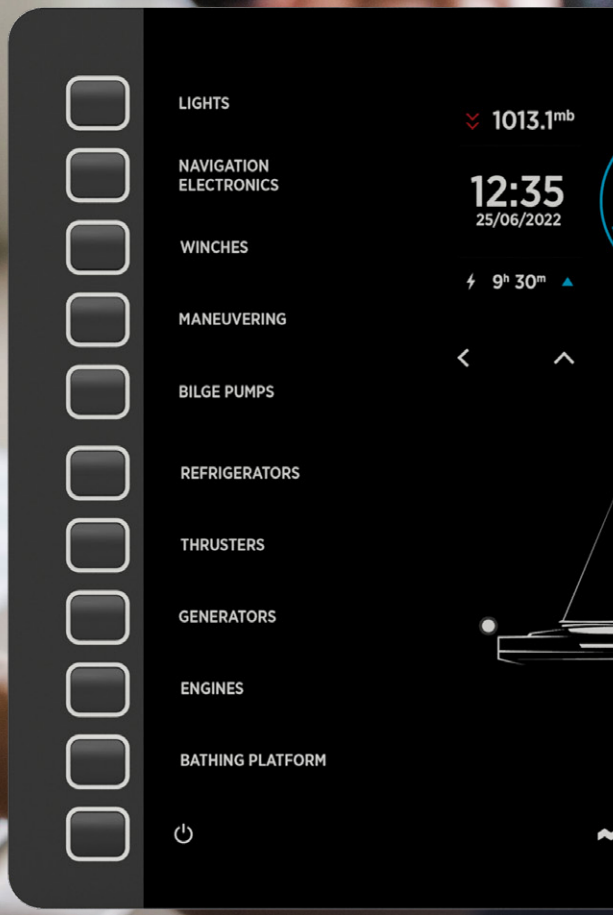
Wiring and installation made easy

For you to install the unit quickly and easily we chose wiring via standard **WAGO**® connectors. DC unit and the control panel are connected over a single SiCAN cable. The Nereide 2 control panel is separate from the power unit. This makes it even easier to install.

1. Tank and voltage module (8 resistance and 7 voltage inputs)
2. Error indication with red color around the respective button
3. Momentary toggle button mode
4. Compatibility with all SiCom modules
5. Optional integration of remote battery switch control with feedback and bilge pump control
6. Navigational lights display
7. Front mount installation
8. Automatic illumination

Customize your buttons

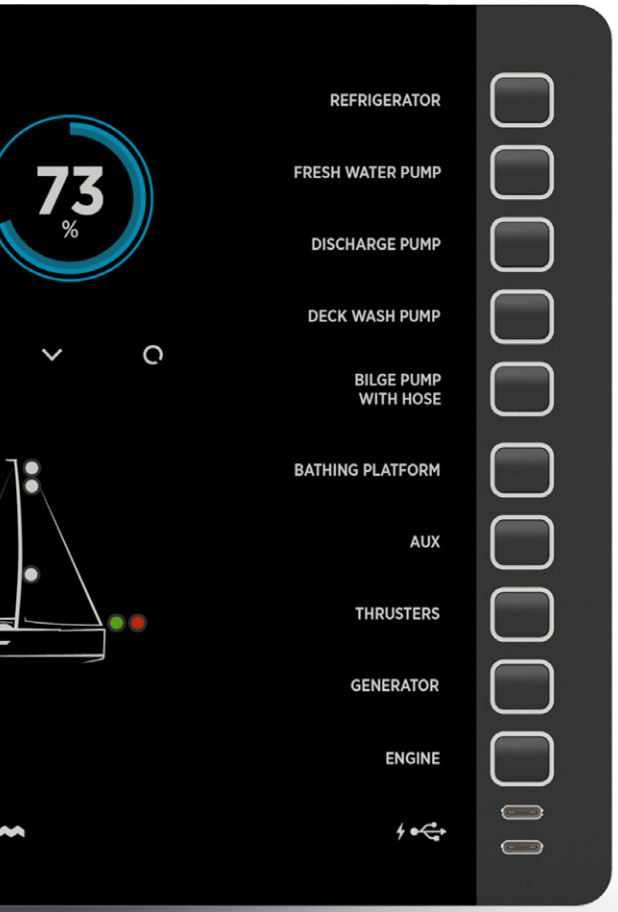
In your own words.
In your own language.
In your own order.



Front-mount installation

Pico monitoring system built-in

NMEA compatible



NEREIDE Pro

A cutting-edge digital switching solution.

For every yacht.
Customizable in mere seconds.

Simple and fast configuration. Of button labels. And outputs.
Combine multiple functions under a single button.
Set multiple languages and later easily toggle between them.

Remote management

Low power consumption

Easy Customization

Expandable system

The Nereide 3 control panel can be connected to several AC and DC units, as well as to all the PICO system's extension modules. In addition to AC and DC units, we are also developing an extension module to control remote switches and bilge pumps that you will be able add to your Nereide 3 digital switching system.

NMEA 2000 compatible system

Control your appliances directly from the plotter. Nereide 3 digital switching system is compatible with the NMEA protocol to ease the control of your yacht.

TOUCH & FEEL

Slightly raised and rounded tactile buttons, milled out of aluminum. Designed for all of you who love that satisfying sound of pressing a button. Blue light around the respective button shows that the device is on, while red indicates an error.

The control panel features automatic illumination and adapts to surrounding lighting (brighter during the day, darker at night).

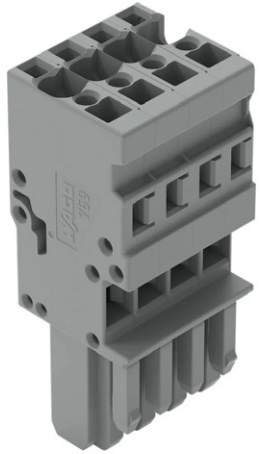
80% lower power consumption

Than other digital switching solutions currently on the market. Average consumption of a typical system when turned ON = 300 to 500 mA (control panel + AC distribution unit + DC distribution unit).

When set in power saving or sleep mode = 30 – 40 mA. And it still provides comprehensive remote monitoring and management functions. (The consumption when running and in sleep mode depends on the number of connected units, backlight level, Wi-Fi usage, etc. The values provided are for a typical system described above.)

Remote management with Marine BM-40 and BM-50

Plug and Play compatible with the renowned Remote Management System by **Sentinel Marine**.



Wiring and installation made easy

For you to install the unit quickly and easily we chose wiring via standard **WAGO**® connectors. DC unit and the control panel are connected over a single SiCAN cable. The Nereide 2 control panel is separate from the power unit. This makes it even easier to install.

Temperature monitoring

Alarm settings

History

App + remote monitoring

PICO

Battery monitoring system

for a peace of mind on your adventure

NMEA compatible

Low power consumption

Convenient for retrofitting

Tank monitoring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More info at www.simarine.net

Voltage, current, or time remaining?

The PICO battery monitor displays all data about your batteries' voltage, state of charge, remaining ampere hours, time to charge or discharge, and even temperature. You can monitor up to 6 battery banks.

The PICO system is modular, which means that you need expansion modules in addition to the PICO monitor.

For battery monitoring you need the shunt **SC303 or SC503**

Lead Acid & Lithium battery compatible

Our battery monitoring system is compatible with the following battery types: **LiFePO4, AGM, GEL, Deep Cycle, Wet Free, Wet Low**

Monitor multi-voltage systems with one PICO

With PICO you can monitor several voltage systems. All with a single device. For monitoring 12V and 24V systems you can use the standard splitter that comes with PICO.

For systems that exclusively operate on 48V you need a high-voltage splitter.

Love at first sight that lasts forever

PICO has a design you'll fall in love with over and over again. It's sleek, slim, and compact look is available in 2 mount types and 2 colors (black and silver). It's display is optically bonded. It features a high-resolution, **3.5 IPS screen with Gorilla® Glass**, a polarizing filter, and automatic illumination.

The **IP67-rated** anodized aluminum unibody case is water- and dust-resistant. The CapSense® touch buttons can be used even when there are drops of water on them.

Manage your power to enjoy freedom

When offgrid you rely completely on your own energy sources. Batteries don't last forever, so solar is a necessity in this case. But still... you need to know what's draining your batteries the most. Is it your fridge, stove, or something else?

Adding the innovative **SCQ25, SCQ25T, or SCQ50** module to your system, lets you monitor the power consumption of all your appliances, such as your refrigerator, lights, cooktop, coffee maker, etc. Monitor various generators, like solar.

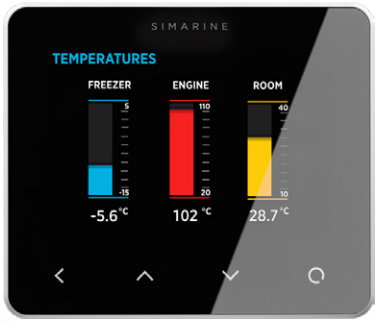
Monitoring the current coming in and out also serves as a check to make sure everything is working properly.

Is your water tank half full or half empty?

Always be sure of how much water you have left to cook, shower, or make your favorite tea with while admiring the beauty of nature or thinking about how little we need to be happy.

With PICO battery monitoring system you can monitor up to 12 tanks. Simply add a tank level and voltage module ST107 to the system and set two calibration points. For irregular tank shapes, you can set several of them to measure as accurately as possible.

Wide range of third-party sensors and units supported: resistive 0-65K ohms and voltage type 0-75V.



Yours is around 36.6, but you know that already

What you don't know is the temperature inside and outside your boat or camper-van, the temperature of your batteries, your fridge, and your engine, etc.

Add up to 12 temperature sensors to the system with various shunts and modules: SC303, SC503, SCQ25T and/or ST107. PICO is compatible with NTC sensors.

Hey, it's time to move on. Bad weather is coming.

PICO battery monitor has a built-in barograph that displays the pressure in real time, detects changes, and, by storing the data, shows trends that can be invaluable in predicting weather changes

Get all data on your NMEA compatible device

NMEA 2000

The NMEA 2000 gateway allows PICO to communicate with other devices on the NMEA network.
PICO sends data about batteries, tanks, temperatures, barographs, and more to other devices.

Access data and manage settings via the Simarine app

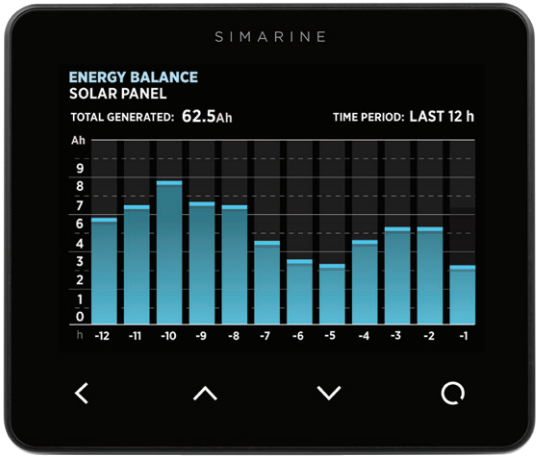
Download our free Simarine Mobile App and connect it to PICO to monitor live data for batteries, tanks, temperatures, barograph, consumption of small appliances, and auxiliary generators.

Use it to configure your PICO and upgrade its firmware.

NEW! Check your batteries while at home

From March 2024, you will be able to access data remotely - from anywhere. In this case, you will need to connect your Pico to the internet via your router, marina or camp WiFi router.

All data will be stored in the cloud, providing you with immediate access to real-time information – all accessible through our app.



NEW! 3 years of battery HISTORY and 100 days of shunt history

The Pico stores the data of all your batteries or battery banks from today back 1200 days – that's more than 3 years.

Pico also saves the data from shunts for the last 100 days. Shunts store the charging data concerning the solar panels, charger, fridge consumption, lighting, and other appliances you have on board.

You can view past measurements for up to 20 current channels.

Extension modules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Compatible with Nereide 2 & Nereide Pro

DC distribution unit

with 31 manually over-rideable output channels

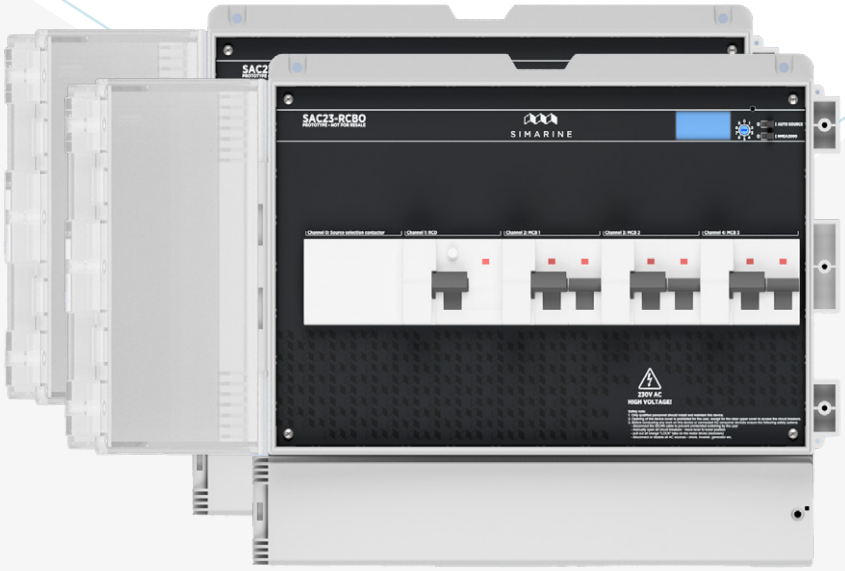
The DC unit features 30 outputs with a current rating of up to 20 amps and 1 ouput with a current rating of up to 30 amps. All together, the unit is rated for a maximum current of 200 amps. To protect your consumers, standard automotive mini-fuses are used, which are easily replaceable. Any kind of error, for example blown fuse, stuck relay, or lack of supply voltage, will be indicated on the corresponding button on the control panel.

The unit is sleek and compact, and has a low profile. It holds an ultra-durable circuit board with protective coating. The robust aluminum base protects the circuit board and provides efficient passive cooling.

For easy access and extra protection for relays and fuses, we added protective covers that require no tools to open.

We want you to install the unit quickly and easily, so we chose wiring with standard WAGO® connectors. Multiple units can be used in a single system.

Compatible with Nereide 2 & Nereide Pro



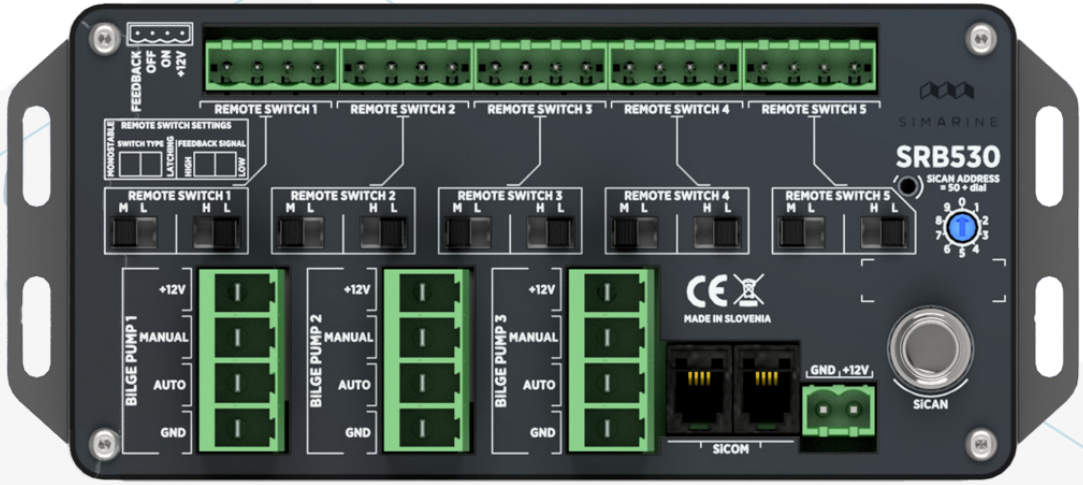
AC Distribution Unit SAC23M-RCBO & SAC23R-RCBO

Distribute power safely

Distribute AC power safely with one of the two AC power distribution units. The only difference between them is whether they can be disconnected and reconnected electrically (SAC23R-RCBO) or manually (SAC23M-RCBO). Each unit has 2 selectable inputs for power sources (shore, inverter, or generator) and 3 output channels with overcurrent protection by miniature circuit breakers (MCBs). But not only that, the units also have an integrated RCBO (residual current circuit breaker with overcurrent protection) that provides protection in the event of a short circuit or overload. It also protects the vessel's occupants from electric shock.

SAC23R-RCBO has motorized RCBO and MCBs , which enables remote switching of circuit breakers, even if the circuit breaker trips. Both inputs are rated for 35 A current, and the output current is limited to 20 A per channel. Each channel is monitored and is capable of detecting a circuit breaker trip or voltage deficiency. The error is signaled to the control panel and is indicated by changing the corresponding button's background color (from blue to red).

For measuring current consumption, there is also an integrated shunt resistor. DC units also measure input voltage. Thea have an output for daisy-chaining additional AC distribution units.



Remote Switch and Bilge Pump Unit

Control up to 5 remote battery switches

And up to 3 bilge pumps with the same unit. Several types of remote switches are supported. Switches and pumps are controlled by the Nereide Pro control panel. Multiple SRB530 expansion units can be connected to a single control panel.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Compatible with Pico, Nereide 2 & Nereide Pro

EXTENSION MODULES

Quadro shunt modules SCQ25, SCQ25T and SCQ50

A true innovation on the market! Quadro low-amp shunt modules are here for appliance monitoring.

With them you can monitor the current flow of the 4 individual appliances. The SCQ25 allows a maximum continuous current of 25 amps per channel and the SCQ50 allows a maximum continuous current of 50 amps per channel.

If you need more than 25 amps per channel, you can wire the appliance in parallel across two channels and configure this setting in PICO to monitor these two channels as a single device, thus doubling the continuous current limit (2×25 = 50A).

What about the SCQ25T module? This is an innovative combination of SCQ25 and ST107 tank level and voltage module. It combines the functionalities of both modules.

Connection possibilities:
– 4 appliances (consumers and/or generators)
– 1 alarm signal relay

The alarm signal relay's voltage limit is 60V and the current limit is 1A.

Compatible with Pico, Nereide 2 & Nereide Pro

EXTENSION MODULES

Tank level and voltage module ST107

The ST107 digital tank module is a highly versatile module. Its main purpose is to measure water, fuel, or other liquid levels (tank monitoring), but you can also use it to measure voltage or temperature.

The ST107 brings 4 resistance and 3 voltage inputs to the system. With them, you can monitor:

- resistance inputs: analog resistance type tank level sensors or temperatures
- voltage inputs: voltage-only batteries (any battery type except lithium), analog voltage type tank level sensors, and custom user sensors

The resistance inputs require sensors ranging from 0 ohms to 65,000 Ohms, and the voltage inputs sensors ranging from 0 V to 75 V. You can connect any tank-level sensor that operates in this range or anything in between.

The compatible temperature sensors are:

- NTC 10k, with which our system can measure temperatures down to -13°C
- NTC 5k, with which our system can measure temperatures down to -20°C
- NTC 1k, with which our system can measure temperatures down to -40°C

One of the special features of this module is a built-in, programmable alarm signal relay, which you can configure to output a signal of 1 amp if an alarm is triggered.

Compatible with Pico, Nereide 2 & Nereide Pro

EXTENSION MODULES

Inclinometer

Module SDI01 is a high-resolution digital inclinometer for pitch and roll with manual calibration. It's a plug and play device that doesn't require any configurations apart from simple calibration. It is fully compatible with our PICO and VIA system.

Compatible with Pico, Nereide 2 & Nereide Pro

EXTENSION MODULES

NMEA 2000

The SN01 NMEA 2000 gateway allows your PICO to transmit data to other devices on the NMEA network.

PICO sends data about batteries, tanks, temperatures, air pressure, and more to other devices.

LIST OF SUPPORTED NMEA 2000 PGN
On the right is a list of supported NMEA 2000 PGN's. PICO allows transmitting or receiving of certain PGN's according to the table.

PGN	PGN Name	receiving	transmitting
59904	ISO Request	Yes	No
60928	ISO Address Claim	Yes	Yes
126996	Product Information	No	Yes
127257	Attitude	No	Yes
127502	Switch Bank Control	No	Yes
127505	Fluid Level	No	Yes
127506	DC Detailed Status	No	Yes
127508	Battery Status	No	Yes
130310	Environmental Parameters	No	Yes
130314	Actual Pressure	No	Yes

ACCESSORIES

Light switches with programmable dimmers

Wherever the road takes you, you still need that feeling of being at home. If you want to give your campervan a nice, cozy feeling, adding digital light switches with integrated dimmers can help.

Our anodized aluminum light switches have programmable dimmers, meaning you can set their location/address. This allows you to control the same light with two or more switches, while only one switch needs to be connected.

The light switches aren't directly connected to PICO and there's no connection with our system. They have a two-channel dimmer for each individual switch. If a dimmer is off, then the switch can be used for turning on/off other devices that use up to 5 A.

There are two colors available: black and silver.

Compatible with Pico, Nereide 2 & Nereide Pro

EXTENSION MODULES

Combo shunts SC303 and SC503

The SC303 and SC503 are innovative combination of high-amp shunt and tank level module. Their primary purpose is to provide complete battery monitoring by showing you the complete state of a battery or battery bank's charge, its current reading and voltage reading, as well as the temperature of the battery compartment.

The main difference between them is the continuous current limit they allow, namely 300 amps for the SC303 and 500 amps for the SC503.

With additional inputs that are provided on the module itself, it can also serve the purpose of monitoring additional voltage or resistance sensors, such as tank-level sensors. The high-amp shunt can also be used for measuring:

- **the current draw of heavy consumers**
  (inverters, bow and stern thrusters, anchor winches)
- **the current of generators**
  (shore power chargers and solar panels)

Entry-level battery monitoring

PICO ONE SET

PICO One set is perfect for you if you want to monitor 1 main battery or battery bank, 1 additional starter or auxiliary battery, and up to 2 tanks or temperatures.

It features two main devices.

Set includes: **PICO**, **SC303**

A complete set for battery and tank monitoring

PICO STANDARD SET

PICO Standard set is for you if you want to monitor 1 main battery or battery bank, up to 4 starter or auxiliary batteries, and up to 6 tanks or temperatures. It features three main devices.

It features three main devices.

Set includes: **PICO**, **SC303, ST107**

MOST POPULAR

Advanced battery, tank, and appliance monitoring

PICO BLUE SET

This set is for you if you want to dive deep into monitoring and see precisely what is happening in your system. With the PICO Blue set you can monitor 1 main battery or battery bank, up to 4 auxiliary batteries, and up to 6 tanks or temperatures.

It features 4 devices.

Set includes:

PICO

SCQ25

SC503

ST107

TECHTALK


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Nereide 2

OPERATING	
Power source voltage range	6 - 35 VDC
temperature range	From -20°C up to 70°C (-4°F up to 158°F)
POWER CONSUMPTION AT 12V	
Normal operation mode: 100	200 mA
Low power with bilge LED active	40 mA
Low power with bilge LED inactive	30 mA
RESOLUTION	
Current (A)	±0,1 A (1%)
Voltage (V)	±0,1 V (1%)
RANGE	
Voltage inputs	0 - 75 VDC
Ohmmeter	0 - 65 kOhm
WIFI	
Radio frequency bands	2,4 GHz
DIMENSIONS WITH CONNECTOR	
Nereide 2 - Control Panel	210 x 210 x 40 mm
CONNECTIVITY	
Batteries	6
Shunts	24
Temperature sensors	10
Tank level sensors	14
Inclinometer sensors	2
SPU-303	10
SWITCHES	
Switches (left & right side)	18 + 1 (power) = 19
OUTPUT	**POWER CONSUMPTION AT 5V**
2 X USB 3.0 (charger)	0,7A

Nereide Pro

OPERATING	
Power source voltage range	6 - 35 V DC
Temperature range	From -20 up to +70°C (-4 up to 158°F)
POWER CONSUMPTION AT 12V	
Operating, WiFi on, 100% illumination	400 mA
Operating, WiFi on, 70% illumination	160 mA
Operating, WiFi on, 0% illumination	25 mA
Power off, logger still active	10 mA
WI-FI	
Radio Frequency Band	2,4 GhZ
Dimension with connector	
Nereide 3 - Control Panel	270 x 200 x 40 mm
Connectivity	Up to
Batteries	6
Shunts	24
Temperature Sensors	10
Tank level sensors	14
Inclinometer sensors	2
Smartphone application	2
SAC units	10
SPU 303	10
SRB18 / SRB30	10
Logger Capacity (for battery)	up to 3 years
Switches	
Physical push buttons	20
Configurable virtual buttons	200
Output	CURRENT OUTPUT AT 5V
2x USB 3.0	1 A

PICO

OPERATING	
Power source voltage range	6 - 35 VDC
Temperature range	From -20°C to 70°C (-4°F to 158°F)
Power consumption at 12 V	5 A
Operating, WiFi On, 100 % illumination	90 mA
Operating, WiFi Off, 70% illumination	35 mA
Operating, WiFi Off, 0% illumination	18 mA
Power Off, logger still active	5 mA
DISPLAY CAPABILITIES	
CURRENT	
Range	-999.99 to +999.99 A
Resolution	0,01 A
VOLTAGE	
Range	0 - 75 VDC
Resolution	0,001 V
Amp hours (Ah)	±0,1 Ah
TEMPERATURE	
Range	-40°C up to + 150°C
Resolution	0,1 °C / °F
SOC - STATE OF CHARGE	0 - 100%
WIFI	
Radio Frequency Band	2,4 GHz
MONITORING CAPABILITIES	Up to
Batteries	6
Shunts	24
Temperature sensors	10
Tank level sensors	14
Inclinometer sensors	2
DIMENSIONS (WITHOUT CONNECTOR)	
PICO standalone	98 x 84 x 10 mm 3.85 x 3.30 x 0.39 in
PICO panel-mount	108.5 x 94 x 10 mm 4.27 x 3.70 x 0.39 in

SPU-303

OPERATING	
SPU-303	6 - 35 VDC
Temperature range	From -20°C up to 70°C (-4°F to 158°F)
POWER CONSUMPTION AT 12V	
SiCAN	10 mA
SWITCHING CHANNELS	MAXIMUM CURRENT
30x Switch channel with standard mini fuse - maual relay override	20 A
1x Power channel (Main switch ON/OFF)	30 A
All channels combined (max. current)	200A
CONNECTIVITY	Up to
SiCAN	1
DIMENSIONS	410 x 169 x 40 mm

SRB530

OPERATING	
SRB530	12 V DC
Bilge pumps	12 V DC
Remote switches	12 V DC
Temperature range	-20°C up to 70°C (-4°F to 158°F)
POWER CONSUMPTION AT 12V	
SRB530	10 mA
CHANNELS	
Remote switch	5
Bilge pump	3
MAXIMUM CURRENT	
Remote switch	8 A
Bilge pump	20 A
ADDITIONAL CONNECTIVITY	Up to
SiCAN	1
SiCOM	2
DIMENSIONS	
SRB530	180 x 81 x 40 mm

	SAC23R-RCBO-230V	SAC23M-RCBO-230V
CONNECTIVITY		
Supported bus	SiCAN	SiCAN
Controlled by	Nereide 2 & Nereide Pro control panel	Nereide 2 & Nereide Pro control panel
POWER SUPPLY SPECIFICATION		
Power supply voltage	12 V DC	12 V DC
Normal operating consumption at 12 V DC	15 mA	15 mA
Idle current consumption from AC source	<50 mA	<50 mA
AC DISTRIBUTION		
Supported voltage	230 V AC (±10%)	230 V AC (±10%)
Number of inputs	2 - (e.g., shore and inverter)	2 - (e.g., shore and inverter)
Number of output channels	3	3
Expansion output	1	1
Max. source input current	32 A	32 A
Max. output current per channel	16 A	16 A
MCB protected output channels	Yes	Yes
Integrated RCBO	Yes	Yes
Remote switching of outputs	Yes	Yes
Remote switching of RCBO	Yes	No
Remote switching of MCB	Yes	No
Remote switching source	Yes	Yes
Manual override of output	Yes	Yes
MEASURMENT		
Input current	± 0.1 A	± 0.1 A
Input votage	± 0.1 A	± 0.1 A
DIMENSIONS		
Lenght x width x height	280 x 340 x 130 mm	280 x 340 x 130 mm

	SC303	SC503
OPERATING		
Voltage range	6 - 35 VDC	6 - 35 VDC
Temperature range	From -20°C to 70°C (-4°F to 158°F)	From -20°C to 70°C (-4°F to 158°F)
POWER CONSUMPTION AT 12 V		
Operating	1.2 mA	1.2 mA
CURRENT MEASURING RANGE	0.01 - 300 A	0.01 - 500 A
Accuracy	± 1%	± 1%
Resolution	0.01 A	0.01 A
Sampling rate	100 ms	100 ms
MAXIMAL CURRENT		
Continuous	300 A	500 A
Peak current (<5min)	400 A	700 A
Peak current (<1min)	700 A	1000 A
Voltage drop at 300A	37,5 mV	41,6 mV
Maximal voltage on terminals	35 V	35V
VOLTAGE INPUTS (U1, U2)	2	
Range	0 - 75 VDC	0 - 75 VDC
Accuracy	± 0.3 %	± 0.3%
Resolution	1 mV	1 mV
Sampling rate	100 ms	100 ms
RESISTANCE INPUTS (R1, R2, JST SOCKET)	3	3
Range	0 Ohm–65 kOhm	0 Ohm–65 kOhm
Accuracy	±3 %	±3%
TEMPERATURE SENSOR – NTC 10K		
Range	From –13°C to +80°C	From –13°C to +80°C
Accuracy (from –10 to +60°C, from 14 to 140°F)	± 3,0%	± 3,0%
COMMUNICATION	SiCOM	SiCOM
INSTALLATION AND DIMENSIONS		
Dimensions	125 x 70 x 22 mm 4.92 x 2.75 x 0.86 in	125 x 70 x 22 mm 4.92 x 2.75 x 0.86 in
Battery connection 0,7A	M10 bolts	M10 bolts

	SCQ25	SCQ50
OPERATING		
Voltage range	6 - 35 VDC	6 - 35 VDC
Temperature range	From -20°C to 70°C (-4°F to 158°F)	From -20°C to 70°C (-4°F to 158°F)
POWER CONSUMPTION AT 12 V		
Operating	2.5 mA	2.5 mA
CURRENT MEASURING (PER CHANNEL)		
Range	0.01 – 25 A	0.01 – 50 A
Accuracy	1 %	1 %
Resolution	0.01 A	0.01 A
Sampling rate	100 ms	100 ms
MAXIMAL CURRENT		
Voltage drop at 300 A	30 mV	35 mV
Continuous	25 A	25 A
Peak current (<1 min)	35 A	35 A
DIMENSIONS	183 x 91 x 34 mm	183 x 91 x 34 mm
Current channels	4	4
CONNECTIVITY	SiCOM	SiCOM
ALARM CONTACT	1	1

SCQ25T	
OPERATING	
Voltage range	6 - 35 VDC
Temperature range	From -20°C to 70°C (-4°F to – 158°F)
POWER CONSUMPTION AT 12 V	2.5 mA
Operating	
CURRENT MEASURING (PER CHANNEL)	
Range	0.01 - 25 A
Accuracy	1 %
Resolution	0.01 A
Sampling rate	100 ms
MAXIMAL CURRENT	
Continuous	25 A
Peak current (<1 min)	35 A
VOLTAGE INPUTS (U1, U2, U3)	3
Range	0 - 75 VDC
Resolution	1 mV
Accuracy	± 0.3 %
Sampling rate	100 ms
RESISTANCE INPUTS (R1, R2, R3, R4)	4
Range	0 - 65 kOhm
Accuracy	±3 %
DIMENSIONS	
	183 x 91 x 34 mm 7.20 x 3.58 x 1.33 in
CONNECTIVITY	SiCOM
ALARM CONTACT	1

Inclinometer

OPERATING	
Voltage range	6 - 35 VDC
Resolution	0,1°
Range (pitch&roll)	±89°
POWER CONSUMPTION	
Power consumption at 12V	1 mA
CONNECTIVITY	SiCOM

NMEA 2000

OPERATING	
Voltage range	6 – 35 VDC
Temperature range	From -20°C to 70°C (-4°F to 158°F)
POWER CONSUMPTION AT 12V	
Operating	0,6 mA
DIMENSIONS	
SN01 NMEA 2000 Gateway	111.80 x 77.52 x 32.11 mm 4.40 x 3.05 x 1.26 in
NMEA 2000 backbone	1
CONNECTIVITY	SiCOM

ST107

OPERATING	
Voltage range	6 - 35 VDC
Temperature range	From -20°C to 70°C (-4°F to 158°F)
POWER CONSUMPTION AT 12 V	
Operating	2.5 mA
VOLTAGE INPUTS (U1, U2, U3)	3
Range	0 – 75 V
Accuracy	1 mV
Resolution	± 0.3 %
Sampling rate	100 ms
RESISTANCE INPUTS (R1, R2, 53, R4)	4
Range	0 Ohm – 65 kOhm
Accuracy	± 3 %
Sampling rate	100 ms
Dimensions	112 x 72 x 31 mm
CONNECTIVITY	SiCOM
ALARM CONTACT	1

LIGHT SWITCHES

OPERATING	
Voltage range	0 - 16 V DC
Output	2
Maximum load (Amps per Output)	5 A
PWM - Pulse Width Modulation (Default)	12 V, 400 Hz
POWER CONSUMPTION - DOUBLE SWITCH - NO LOAD	
2x Light switch	5 mA to 20 mA
DIMENSIONS	
Width - height - depth	60 x 60 x 42 mm


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