

ELECTRICAL SWITCHBOARDS

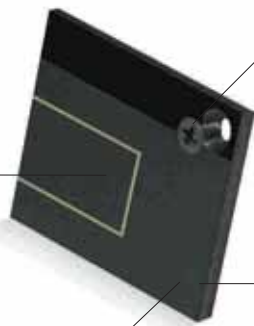
PROFESSIONAL MODULAR SYSTEM

Total Adaptation

Modular electrical switchboards combine the classical beauty with the most advanced microprocessor technology. EnerNaval Ibérica offers you a complete design of your panel, including the wiring if required.



Self-adhesive labels in English, French, Spanish or any other languages



Fixing screws included

4mm thickness

Anodised aluminium modules

The modular system offers the possibility to have any possible combination so that your boat will have all the electrical needs covered



Solid fixing system consisting of + and T modules fix, joining panels in the rear part to mount modules between each other. Any combination in possible. Strong system



Series 0 - 240x260mm



Series 1 - 240x130mm



Series 3 - 120x65mm



Series 2 - 120x130mm



Series 4 - 60x65mm



Very large range of measuring and control instruments, automatic circuit breakers, switches, push-buttons, indicators and any other parts

0ACS: Complete panel for an AC system (25 or 40A). Panel composed by 6 double pole circuit breakers, analogue instruments for Volts and Amps, an AC selector and shore protection

Blank panels

You may need auxiliary modules to adapt your panel to a determined size. They can also be very useful for future improvement of your switchboard panel

0AUX (240X260X4)



1AUX (240X130X4)



2AUX (120X130X4)



3AUX (120X65X4)



4AUX (60X65X4)



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More modules

The design of your panel can be completed with modules which offer you a functionality and comfort, e.g. lighter or DC socket to charge your mobile phone.

3MAM (120x65x75)



- Module for engine control
- Composed by:
 - an ignition key with two positions: pre-heating and start
 - a red push-button to stop

3MAG (120x65x45)



- Remote control module for the generator
- Composed by:
 - a toggle push-button for the generator pre-heating
 - a toggle push-button to start
 - a red push-button to stop

4PULN - 4PULR (60x65x50)



- Composed by a push-button for different uses: warning, windshield wiper, engine stop, etc. For AC and/or DC current, up to 10A
- Please, specify button's colour:
 - PULR red colour and PULN black colour

3DIMM



- Composed by a rocker style switch and a potentiometer. This module is very useful to regulate the light intensity (up to 130W)

4CHO (60x65x60)



- Hourmeter with 8 numbers without zero reset
- Please, specify 12V DC or 24V DC

4ENC (60x65x55)



- Composed by a cigarette lighter
- Please, specify 12V DC or 24V DC

4TCC (60x65x35)



- Composed by a DIN type plug and its corresponding pin

3TCC (120x65x55)



- Composed by a cigarette lighter and a DIN type plug and its corresponding pin
- Please, specify 12V DC or 24V DC

4FLE (60x65x35)



- Module with a flexible lamp for reading (12V DC-5W)



All the modules indicated in this catalogue are supplied with the necessary fixing screws

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Mounting accessories

SCREWS

Bags with 20 screws:
TR01 3,5x16mm screw to fix the panel on the wood
TR02 3x8mm screw to fix the breakers
TR04 2,9x6,5mm screw to fix the "T" and "+"



MOTE

- T fixing system for 2 panels



MOCR

- + fixing system for 4 panels



CMEBA06



Tie bar to connect 5 single circuit breakers
(for modules 1DCD, 1RCD, 2DC5, etc)

CMEBA07



Tie bar to connect 5 double pole circuit breakers
(1DBA, 1DBC)

CMEBA09



Tie bar to connect 2 single pole circuit breakers
(3DC2, 3RC2)

CMEBA11



Tie bar to connect 5 double pole rocker style circuit breakers (1RBA, 1RBC)



Label Sheets

Label sheets in English, French or Spanish.
Labels in other languages are available on request.

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| <ul style="list-style-type: none"> • HR-EN-01 - 12V DC - 12V DC battery charger - Anchor lights - Available (x2) - Bilge pump - Cabin lights - Deck lights - Engine room light - Klaxon - Microwave oven - Nav. light runnig - Navigation lights - Radar - Refrigerator - Saloon light - Search light - Toilet - Toilet light - Windlass | <ul style="list-style-type: none"> • HR-EN-02 - 230 volt AC - 12V DC outlets - 24V DC - AC/DC converter - Auto pilot - Available (x2) - Bilge pump machinery room - Blower - Earth leakage breaker - Lights - Main breaker - Navigation instruments - Sea water pump - Shore supply volts - Television - VHF / radio - Water heater - Windscreen wiper - Windshield washer | <ul style="list-style-type: none"> • HR-EN-03 - 230V AC sockets - 24V DC battery charger - Available (x2) - Bilge pump aft - Bilge pump centre - Bilge pump fwd - Compass - Deck light aft - Engine room fan - Flaps - Freezer - Fuel tank - Guest cabin - GPS - Head lights - Kitchen light - Rear lights - Shower pump - Water tank | <ul style="list-style-type: none"> • HR-EN-04 - Ais conditioning - Available (x2) - Bowthruster - Cabin aft - Cabin fwd - Cockpit lights - Control panel - Courtesy lights - Depth sounder - Engine battery - Generator - Generator start - Main cabin - Phone - Ssb - Service battery - Start - Starting battery - Water pressure | <ul style="list-style-type: none"> • HN-ES-05 - 24V DC sockets - Amps - Available (x2) - Cabin port - Cabin stbd - Centre lights - Chart table light - Hifi - Kitchen blower - Lighting - Parallel - Port lights - Shore - Stbd lights - Steering angle - Toilet blower - Wiper centre - Wiper port - Wiper stbd |
| <ul style="list-style-type: none"> • HR-EN-06 - Bilge pump alarm - Engine alarm - Heating - Saloon - Compass light - Deck light fwd - Panel light - Wind instruments - Oven - Available (x2) - Washing machine - Engine port - Engine stbd - Plotter - Oil temperature - Toilet - Toilet port - Toilet stbd - Fan | <ul style="list-style-type: none"> • HR-EN-07 - 1-Service, 2-Engine, 3-Generator - Alternator - Amps 1.2.3. - Available (x2) - Boom lights - Emergency stop - Engine - Fire alarm - Galley lights - Generator stop - Log - Navigation light alarm - Night light - Oil pressure - Revolving sidelight - Rpm & hour - Volts 1.2.3. - Water maker - Water temperature | <ul style="list-style-type: none"> • HR-EN-08 - 115 volt AC - Available (x2) - Blower port - Blower stbd - Crew lights - Digital instruments - Dishwasher - Dryer - Electronic instruments - Flying bridge - Galley lights - Generator preheat - Loud speaker - Navigation instruments - Oil pressure alarm - Preheat - Shortcircuit - Water temperature - Winches | <ul style="list-style-type: none"> • HR-EN-09 - Alarm - Available (x2) - Black water pump - Crew cabin - Davit - Fresh water pump - Grey water pump - Hydraulic System - Kitchen - Masthead light - Off - On - On-off - Start - Stop - Toilet aft - Toilet fwd - Tricolour light - Wind generator | <ul style="list-style-type: none"> • HR-ES-10 - Accessories - Amps AC - Amps DC - Automatic-off-manual - Available (x2) - Cabin light 1 - Cabin light 2 - Cabin light 3 - Cabin light 4 - Computer - Fax - Mute - Port-off-stbd - Stereo - Video - Voltage too high - Voltage too low - Volts AC - Volts DC |