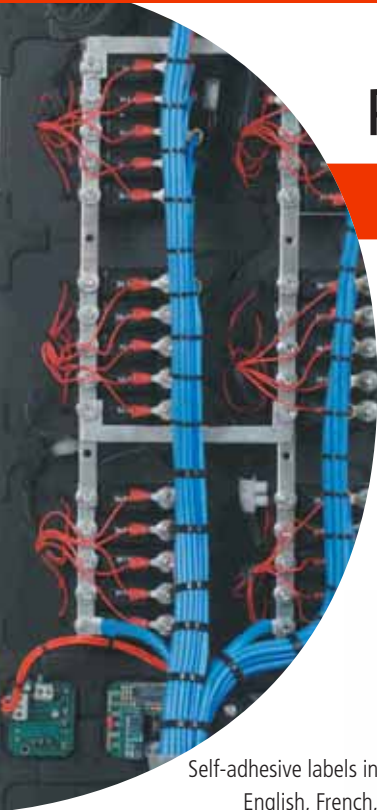


ELECTRICAL SWITCHBOARDS

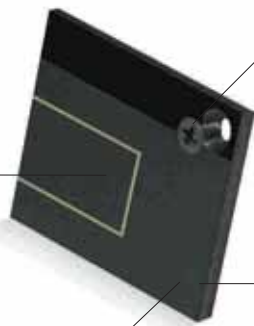
PROFESSIONAL MODULAR SYSTEM

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

ELECTRICAL SWITCHBOARDS

Switches

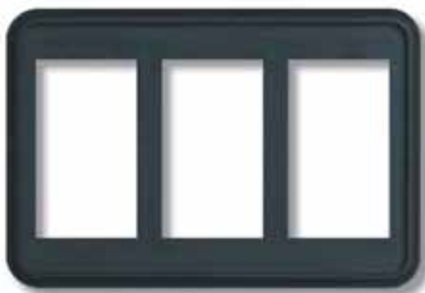
Waterproof



We can offer a complete range of switches, with sealed front panel components. They are certified to IP65 and IP68, signifying complete protection against dust and prolonged spray and submersion under pressure, and are recognized to UL1500 - Ignition Protection for Marine Products. These switches are vibration, shock, thermoshock, moisture and salt spray resistant. Temperature ratings range from -40°C to 85°C. These single or double pole switches feature removable actuators and can be illuminated by a LED indicator. Thus you can have a complete control panel



VHP



VM3



VMS



VME

VMM

MODELS

VPS	Panel seal for switches
VME	End mounting bracket
VMM	Middle mounting bracket
VMS	Single mounting bracket
VM3	Mounting bracket for 3 switches
VM6	Mounting bracket for 6 switches
VHP	Mounting panel plug in case no switch is required
RemovalTool	Removal key for the actuators

WATERPROOF SWITCHES (20AMP) WITHOUT LED

SWITCHES (actuator not included)

V1DAS00B.0	Switch ON-OFF single pole
VADAS00B.0	Switch ON-OFF double pole
V6DAS00B.0	Switch ON-OFF-ON single pole
VJDAS00B.0	Switch ON-OFF-ON double pole

PUSH-BUTTON SWITCHES (actuator not included)

V2DAS00B.0	Push-button switch (ON)-OFF single pole
VBDAS00B.0	Push-button switch (ON)-OFF double pole
V8DAS00B.0	Push-button switch (ON)-OFF-(ON) single pole
VLDAS00B.0	Push-button switch (ON)-OFF-(ON) double pole

COMBINATION PUSH-BUTTON SWITCH - SWITCH (actuator not included)

V7DAS00B.0	Switch/Push-button switch ON-OFF-(ON) single pole
VKDAS00B.0	Switch/Push-button switch ON-OFF-(ON) double pole

WATERPROOF SWITCHES (20A) WITH LED

SWITCHES WITH LED @ 12V (actuator not included)

V1DAAH0B.0	Switch ON-OFF, green LED indicator, 12V DC, single pole
V1DAAC0B.0	Switch ON-OFF, red LED indicator, 12V DC, single pole
VADAAH0B.0	Switch ON-OFF, green LED indicator, 12V DC, double pole
VADAAC0B.0	Switch ON-OFF, red LED indicator, 12V DC, double pole
V6DAAH0B.0	Switch ON-OFF-ON, green LED indicator, 12V DC, single pole
V6DAAC0B.0	Switch ON-OFF-ON, red LED indicator, 12V DC, single pole
VJDAAH0B.0	Switch ON-OFF-ON, green LED indicator, 12V DC, double pole
VJDAAC0B.0	Switch ON-OFF-ON, red LED indicator, 12V DC, double pole

SWITCHES WITH LED @ 24V (actuator not included)

V1B1AJ0B.0	Switch ON-OFF, green LED indicator, 24V DC, single pole
V1DAAD0B.0	Switch ON-OFF, red LED indicator, 24V DC, single pole
VADAAJ0B.0	Switch ON-OFF, green LED indicator, 24V DC, double pole
VADAAD0B.0	Switch ON-OFF, red LED indicator, 24V DC, double pole
V6DAAJ0B.0	Switch ON-OFF-ON, green LED indicator, 24V DC, single pole
V6DAAD0B.0	Switch ON-OFF-ON, red LED indicator, 24V DC, single pole
VJDAAJ0B.0	Switch ON-OFF-ON, green LED indicator, 24V DC, double pole
VJDAADB.0	Switch ON-OFF-ON, red LED indicator, 24V DC, double pole

PUSH-BUTTON SWITCHES WITH LED @ 12V (actuator not included)

V2DAAH0B.0	Push-button switch (ON)-OFF, green LED indicator, 12V DC, single pole
V2DAAC0B.0	Push-button switch (ON)-OFF, red LED indicator, 12V DC, single pole
VBDAAH0B.0	Push-button switch (ON)-OFF, green LED indicator, 12V DC, double pole
VBDAAC0B.0	Push-button switch (ON)-OFF, red LED indicator, 12V DC, double pole
V8DAAH0B.0	Push-button switch (ON)-OFF-(ON), green LED indicator, 12V DC, single pole
V8DAAC0B.0	Push-button switch (ON)-OFF-(ON), red LED indicator, 12V DC, single pole
VLDAAH0B.0	Push-button switch (ON)-OFF-(ON), green LED indicator, 12V DC, double pole
VLDAAC0B.0	Push-button switch (ON)-OFF-(ON), red LED indicator, 12V DC, double pole

PUSH-BUTTON SWITCHES WITH LED @ 24V (actuator not included)

V2DAAJ0B.0	Push-button switch (ON)-OFF, green LED indicator, 24V DC, single pole
V2DAAD0B.0	Push-button switch (ON)-OFF, red LED indicator, 24V DC, single pole
VBDAAJ0B.0	Push-button switch (ON)-OFF, green LED indicator, 24V DC, double pole
VBDAAD0B.0	Push-button switch (ON)-OFF, red LED indicator, 24V DC, double pole
V8DAAJ0B.0	Push-button switch (ON)-OFF-(ON), green LED indicator, 24V DC, single pole
V8DAAD0B.0	Push-button switch (ON)-OFF-(ON), red LED indicator, 24V DC, single pole
VLDAAJ0B.0	Push-button switch (ON)-OFF-(ON), green LED indicator, 24V DC, double pole
VLDAAD0B.0	Push-button switch (ON)-OFF-(ON), red LED indicator, 24V DC, double pole

COMBINATION PUSH-BUTTON SWITCH/SWITCH WITH LED @ 12V (actuator not included)

V7DAAH0B.0	Switch/Push-button switch ON-OFF-(ON), green LED indicator, 12V DC, single pole
V7DAAC0B.0	Switch/Push-button switch ON-OFF-(ON), red LED indicator, 12V DC, single pole
VKDAAH0B.0	Switch/Push-button switch ON-OFF-(ON), green LED indicator, 12V DC, double pole
VKDAAC0B.0	Switch/Push-button switch ON-OFF-(ON), red LED indicator, 12V DC, double pole

COMBINATION PUSH-BUTTON SWITCH/SWITCH WITH LED @ 24V (actuator not included)

V7DAAJ0B.0	Switch/Push-button switch ON-OFF-(ON), green LED indicator, 24V DC, single pole
V7DAAD0B.0	Switch/Push-button switch ON-OFF-(ON), red LED indicator, 24V DC, single pole
VKDAAJ0B.0	Switch/Push-button switch ON-OFF-(ON), green LED indicator, 24V DC, double pole
VKDAAD0B.0	Switch/Push-button switch ON-OFF-(ON), red LED indicator, 24V DC, double pole

ELECTRICAL SWITCHBOARDS

Waterproof Switches



ACTUATORS



VVA9B00: Blank



VVA9B38: Anchor light



VVA9BMA: Running light



VVA9BMH: Windshield wiper



VVA9BMC: Master light



VVA9BMB: Cabin light



VVA9B42: Water flushing tap for outboard



VVA9B40: Anchor



VVA9BMF: Ventilation / fan



VVA9BME: Propulsion system trim



VVA9BMG: Windshield washer



VVA9BMD: Horn



VVA9BMJ: Bilge pump

More assortment available at
Enernaval's office



VVA9BA6: Master switch



VVA9BXX-XRA1: Running/anchor light



VVA9BM4: Search light



VVA9B3K: Check



VVA9B9U: Speaker



VVA9BS8: Winche



VVA9BMK: Bilge blower



VVA9BML: Potable water pressure



VVA9BA8: Fast speed



VVA9B2Z: Fuel



VVA9B3H: Slow speed



VVA9B7A: Bilge pump 1



VVA9B7C: Bilge pump 2



VVA9B7E: Bilge pump 3

ELECTRICAL SWITCHBOARDS

Waterproof Switches



VVA9BD9: Steering



VVA9BY9: Arrow up



VVA9BZ2: Arrow down



VVA9BBL: Work light



VVA9BMM: Engine start



VVA9BMN: Engine stop



VVA9B33: Emergency start



VVA9B55: Work light



VVA9B45: High beam light



VVA9B48: Low dipped-beam



VVA9BDF: Side marker



VVA9B52: Interior light



VVA9B58: Work lamp



VVA9B63: Rotary beacon



VVA9B4N: Side marker lamps



VVA9B70: Warning



VVA9B3M: Aire conditioning



VVA9B77: Rear fog



VVA9B98: "NAV LTS" actuator



VVA9B5J: Windscreen heating



VVA9B86: Direction indicator



VVA9B1J: Water pump



VVA9B6L: Mute