

► NAVIGATION LIGHTS MONITOR

Working navigation lights at night are an essential safety requirement for every boat.

Up to six navigation lights (port-, starboard-, stern-, steaming-, anchor- and tricolour- light) can be connected to and monitored by the position light monitor POS6. The electronic supervises the circuits and recognises each failure of a bulb or LED or the break of the cables.

Each navigation light will be shown by a relating control LED on the

panel. The failure of a lantern will be announced by an optical and an acoustic alarm, which can be acknowledged. The relating diode will be blinking on the display.

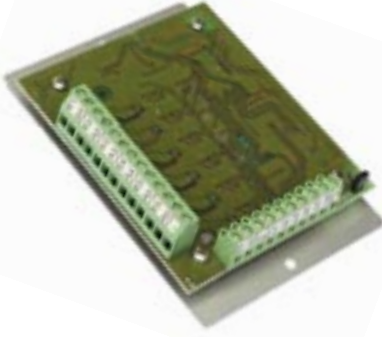
Both normal bulbs and LED lights can be supervised, even mixed.

Existing equipment can be upgraded easily with a navigation light control electronic POS 6. If more than 6 lights have to be supervised you can install several POS 6 modules parallel.



POS 6 E Order-No.: **0 8000 6061**

Replacement electronic for hardware update of older POS-SY panels with navigation lights monitor for the use with LED - lanterns. Incl. acoustic alarm & control-LEDs. Easy to replace by changing of the complete module!



POS 6 Order-No.: **0 8000 6060**

For installation of an individual navigation lights monitor with separate electronic incl. an alarm

Rated voltage	DC 10-30 V
Channels	6 with alarm
Max. power	3 A each outlet
Breaking capacity	0,2 -36 W/12 V 0,5 - 72 W/24 V
Switch level	10 mA
Voltage drop	max. 0,1 V (3 A)
Own consumption	10 - 20 mA
Dimensions W x H x D	88 x 126 x 27 mm

Navigation lights monitor for commercial vessels

For switching and supervision of navigation lights on commercial ships we offer a dedicated range of panels with double pole circuit breakers

incl. harness and connection boxes. DNV approval is pending. Separate documentation is available, for standard products we can offer:

Navigations lights control panel with junction box DC 12 / 24V

6 or 12 double pole circuit breakers, switch-over to 2 battery systems.
6 or 12 channel navigation lights supervision, LED dimmer on signal LEDs.

1 meter cable to circuit board equipped with 2.5 mm² screw terminals
Output for external alarm

GMDSS panel with junction box

3 double pole thermal circuit breakers, GMDSS battery monitoring with LED display (OK / fault), alarm indicator lights for 4 tanks.

Cable harness, length 1 m from the panel to the connection box with DC/DC charger 15 A for charging the GMDSS battery.

Rechargeable 9 V battery to supply the GMDSS alarm system.

Screw terminals 2.5 mm², output for 2 external alarms.



DC Main board with junction box

30 bipolar thermal circuit breakers, System Monitor PSM2 and isolation test. USB charging socket. Cable harness, length 1 m from panel to connection box, connection via screw terminals 2.5 mm². The main connection is prepared for the integration of a main fuse and a shunt SHX.

