

NAVPIC



MARINE AUTOMATION

ELECTRONICS DEVICE FOR NAVIGATION LIGHT ALARM

THE NEW GENERATION !

NAVPIC, «Marine electronics alarme board» is designed to join reliability, flexibility and security in sea environment.

Functional characteristics

Functions:

- double power supply: main and emerg.
- power split for Light and device
- protection of «lts positive line» by fuse
- usable (24Vdc) or LED navigation Lts
- detection of Navigation Lts failures:
 - filament breakage
 - short-circuit
 - power supply failure
 - fuse failure
- acknowledgment of audio alarms

Input:

- N°2 power supplies input
- N°1 power supply input control voltage
- N°1 acknowledgment input
- Up to N°5 Navigation Lights channel

Output:

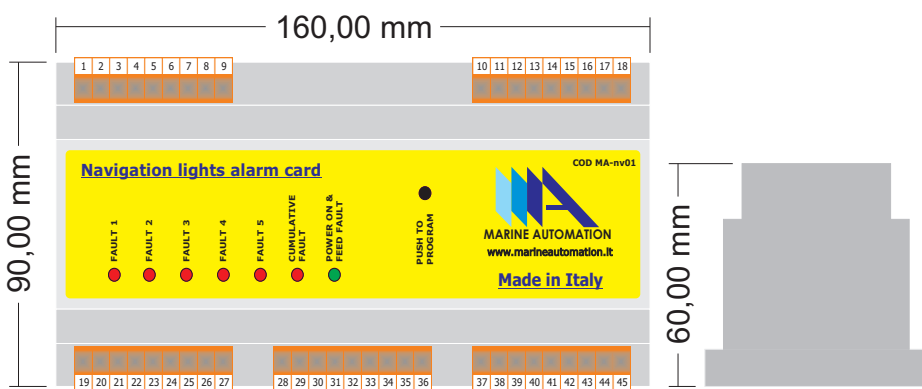
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Electrical characteristics:

- Voltage range 10V / 34Vdc
- current consumption 200 mA
- Temperature range: 5°C To 55°C
- current detection channel 30mA - 2A
- protection fuse 4A
- threshold: < 30% stored current

Mechanical characteristics

- mounted on DIN rail
- weight 0.32 Kg
- material ABS
- IP degree protection: IP20



New Navigation lights

seatec¹⁰

8/10 February. 2012
Carrara Fiere

Nominated for



QUALITEC TECHNOLOGY AWARD

2012

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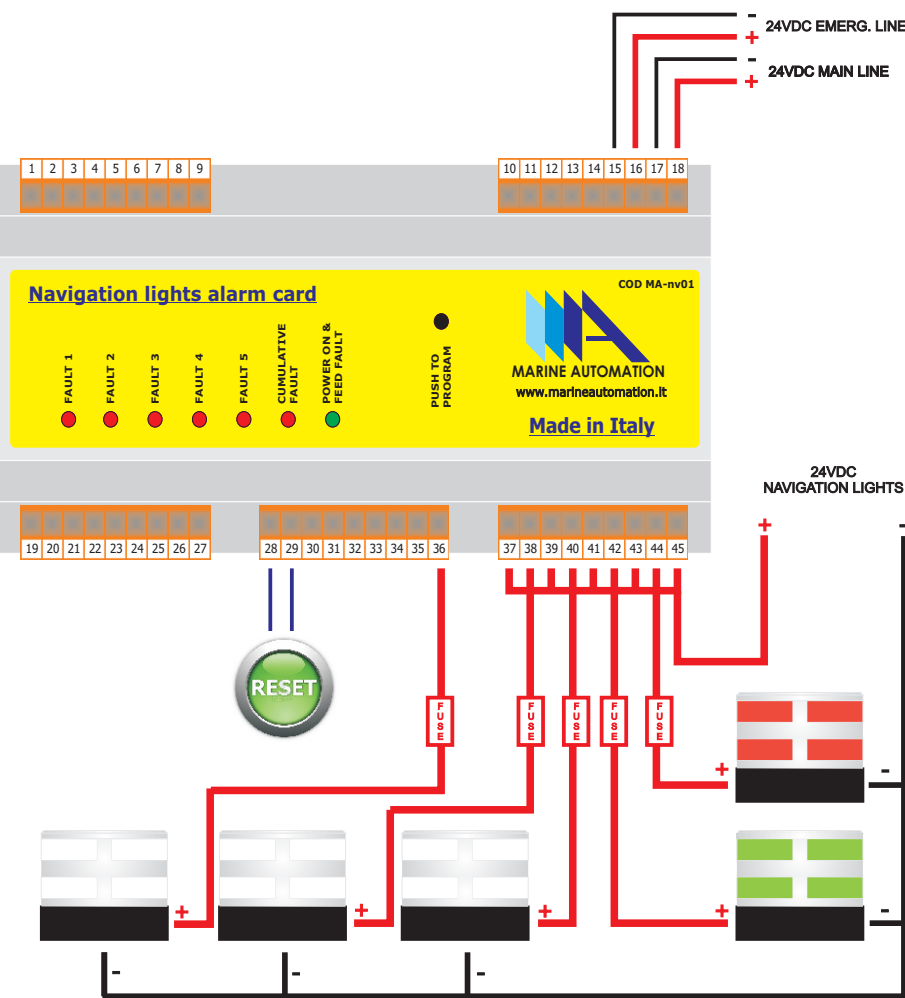
THE NEW GENERATION !

WIRING DIAGRAM

Output:

- 4 C ch6 CUMULATIVE FAULT
- 5 NC ch6 FAULT
- 6 NO ch6 FAULT
- 7 C ch5 FAULT
- 8 NC ch5 FAULT
- 9 NO ch5 FAULT
- 11 C EMERG. LINE FAULT
- 12 EMERG. LINE NO FAULT
- 13 C MAIN LINE FAULT
- 14 MAIL LINE NO FAULT
- 22 C ch4 FAULT
- 23 NC ch4 FAULT

- 24 NO ch4 FAULT
- 25 C ch3 FAULT
- 26 NC ch3 FAULT
- 27 NO ch3 FAULT
- 30 C ch2 FAULT
- 31 NC ch2 FAULT
- 32 NO ch2 FAULT
- 33 C ch1 FAULT
- 34 NC ch1 FAULT
- 35 NO ch1 FAULT



The NAVPIC allows to monitor navigation lights.

NAVPIC device can be connected with a mimic panel or ship's monitoring system.

The NAVPIC inform the crew in the event of navigation light failure.

- easy to install

- can replace old system

- maintenance free

- quality components

MADE IN ITALY

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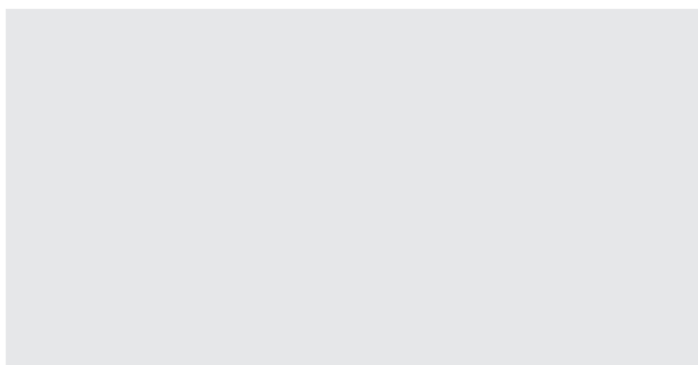
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ELECTRONICS DEVICE FOR NAVIGATION LIGHT ALARM

THE NEW GENERATION !

NAVPIC, is designed to control and monitor incandescent and Led, Navigation Light, from 10Vdc to 34V dc.



Unlike of present market devices, NAVPIC has opportunity to know and store the current of the light, in way to alert us when it change.

The project NAVPIC is the only system, that can recognize the type of «Navigation Lights» installed and automatically configure it self for the control and monitoring.

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