NLCP.V00 LED NAVIGATION LIGHT CONTROL PANEL USER MANUAL
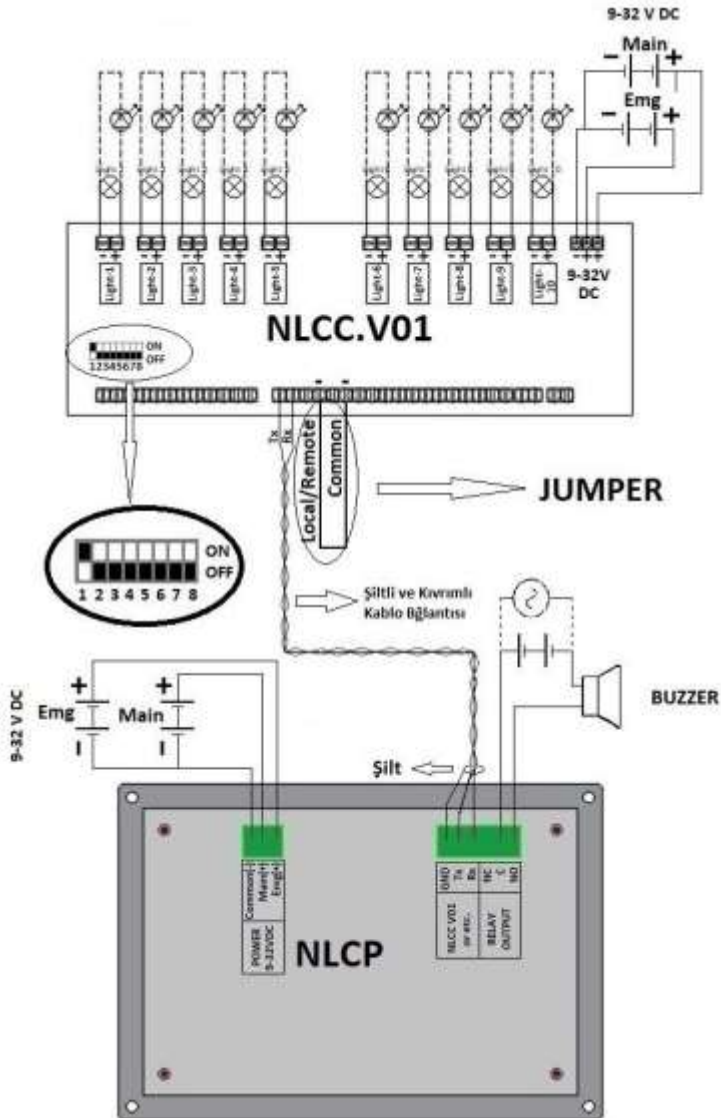

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GENERAL FEATURES

➢ Ability to operate in the range of 9-32 V DC.

➢ 10 pcs led or filament navigation lights can be controlled independently.

➢ The alarm relay output is 5 A.

➢ Displays the status of the **Main** and **Emg** voltages of **NLCC V01** with led.

➢ **"Comm"** light turns on when communication with **NLCC.V01** is lost.

➢ The **System Error** light is on when the **NLCP** is faulty.

➢ When one of the lamp keys is pressed from the panel, the relevant lamp outputs via NLCC. If the lamp is not lit, the relevant led on the NLCP will be off, if there is an open circuit, it will flash slowly, if there is a short circuit, it will flash quickly.

➢ All leds and alarm relay output on **NLCP** can be tested with the test button.

SETUP

Attention: When connecting any communication cable to the device or changing the DIP Switch position, make sure that the power is disconnected

1. Connect **NLCP's** Main and Emg power cables..

2. **Connect** the **Tx** end of **NLCP** to the **Tx** end of **NLCC V01** and the **Rx** end of **NLCP** to the **Rx** end of **NLCC V01**. (Cable length; maximum 30 mt)

3. Activate the connection (**JUMPER**) between the Common and Local/Remote terminals of the **NLCC.V01**.

4. Set the DIP Switch on the **NLCC.V01** to the **"ON"** position of **pin 1**.

5. Connect the terminal block outputs of the navigation light. If your navigation light is **LED**, please consider the polarity outputs **"+", "-"**.

6. Connect the alarm voltage input of the **NLCP** to the **C** end in the Relay Output section, connect the alarm voltage output of the **NLCP** to the **NO** end if you want it to work when the alarm is active, connect it to the **NC** end if you want it to work when the alarm is passive.

Picture 1

MODBUS RTU

Picture 2

NLCP	NLCC V01
AnchorFwd	Light-1
Masthead	Light-2
Port Light	Light-3
StbdLight	Light-4
Anchor	Light-5
NucUp Port	Light-6
NucUpStbd	Light-7
NucDown Port	Light-8
NucDownStbd	Light-9
Stern	Light-10

Group Navigation Light Control with NLCP:

Navigation Lights button; Port, Stbd, Masthead and Stern channels

Anchor Lights button; Controls Anchor and AnchorFwd channels.

TROUBLESHOOTING

***Power Led Error*:**

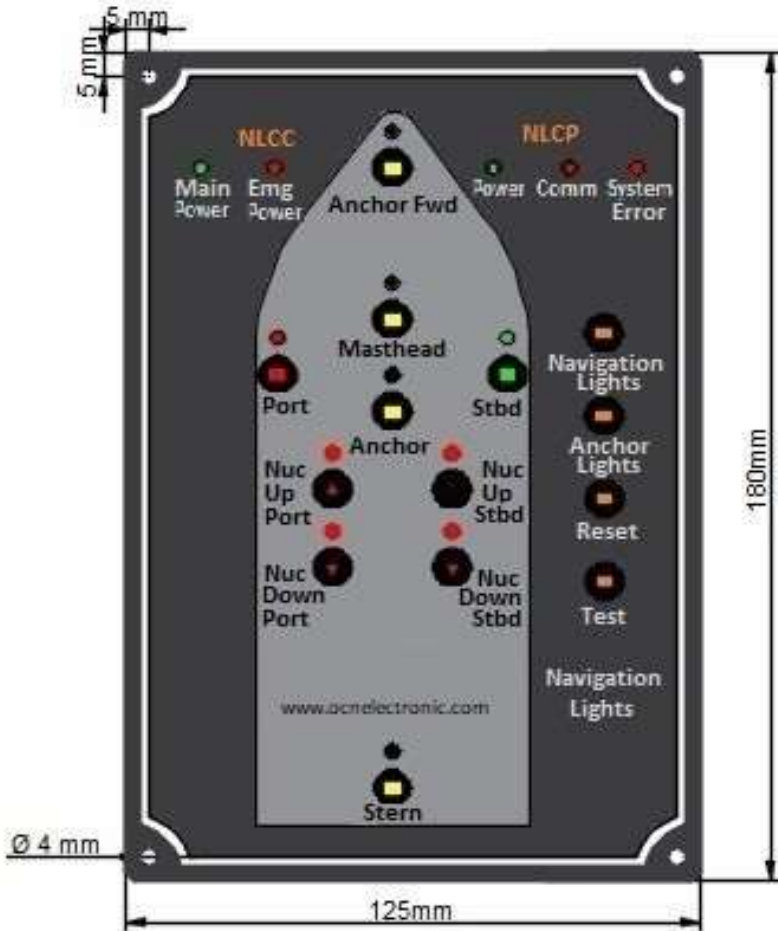➤ Cihazın enerji giriş bağlantısını kontrol ediniz

***COMM Led Error*:**

➤ Check the correctness of the energy connections of **NLCP** and **NLCC V01**.
➤ Check that the **Tx** and **Rx** terminals of the **NLCP** and **NLCC V01** are connected to the correct terminals.
➤ Check whether DIP Switch **1** on **NLCC V01** are in the **"ON"** position.
➤ Check whether NLCC V01 is in the Remote position. (JUMPER connection. See. Page.4-Picture.1)
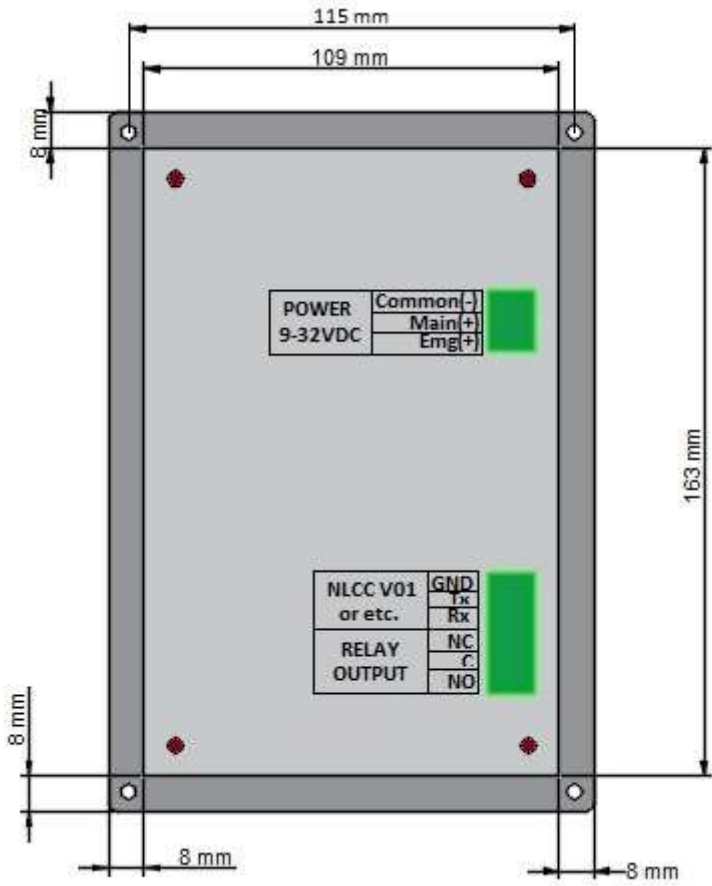
***System Error*:**

➤ Contact the service.

Top View:

Back view:
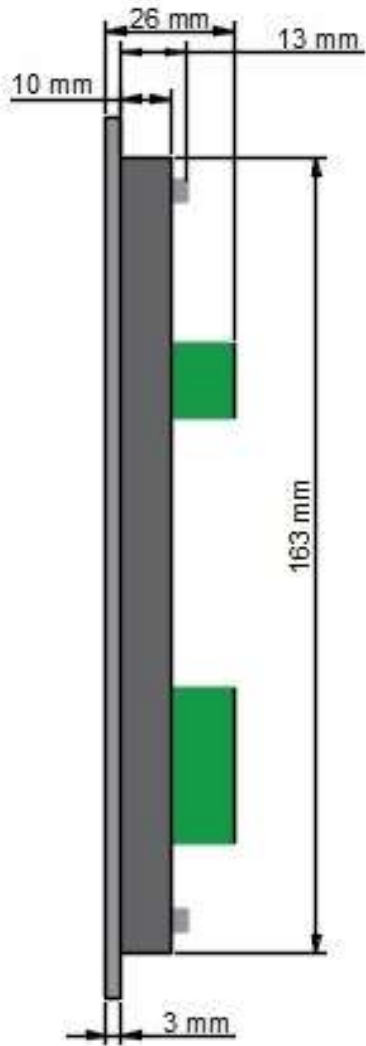

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Side view:

Notes;

OCN ELEKTRONİK VE TİCARET A.Ş.

İçmeler Mahallesi Altunay Sokak

No:33 Kat:3 İç Kapı No:11

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