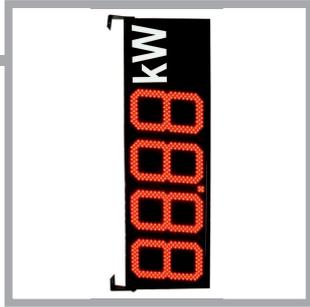


NUMERICAL DIGITAL DISPLAY PANEL DNL2 and DNL3 TYPE



CE
QUICK START MANUAL

Note! The full version of the user's manual is inserted in the www.lumel.com.pl/en/ web site.

1. DISPLAY SET

- 1. digital display DNL..... 1pc
- 2. assembly holder..... 2 pcs
- 3. quick start manual..... 1 pc
- 4. guarantee card..... 1 pc

2. OPERATIONAL SAFETY

In the safety service scope, the display panel meets the requirements of the EN 61010-1 standard.



Observations concerning the operational safety:

- All operations concerning transport, installation and commissioning as well as maintenance must be carried out by qualified, skilled personnel, and national regulations for the prevention of accidents must be observed.
- Before switching the display on, one must check the correctness of connections to the network.
- Do not assemble the display outside.
- The removal of the display casing during the guarantee contract period causes its cancellation.
- A switch or a circuit-breaker should be located near the device, easy accessible by the operator and suitably marked.

3. FIXING WAY

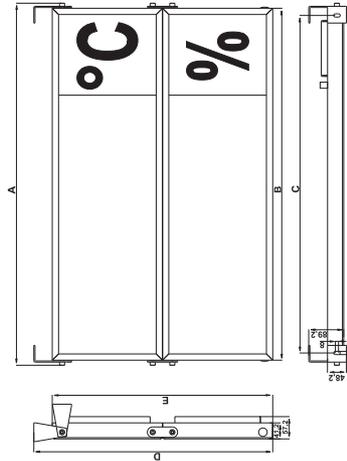
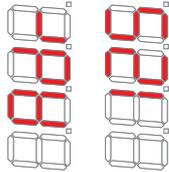


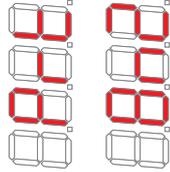
Fig.1 Dimensions of DNL display with one and two rows.

5. STARTING TO WORK

After switching the supply on, the display panel carries out the display test and inform about the transmission parameters of the programming interface. The fig. 3 shows an information about transmission parameters displayed after turning on the display.



Interface address No1
- interface for programming
Address: 125



Operation mode of interface No1:
0- RTU 8N1
1: RTU 8N2
2- RTU 8E1
3- RTU 8O1

4. CONNECTION DIAGRAM

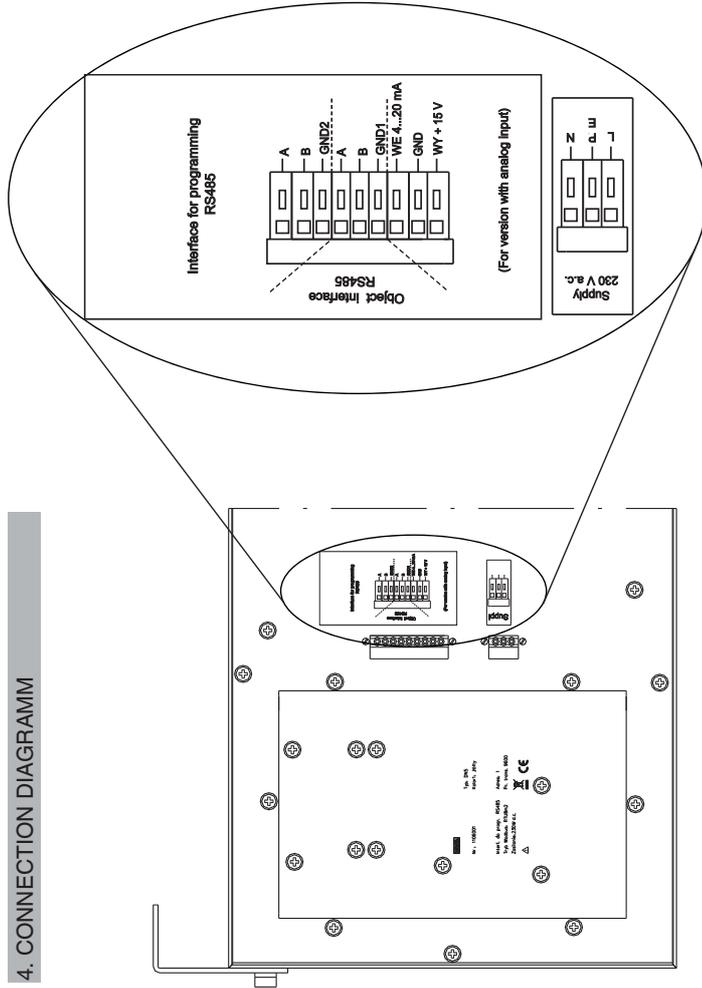
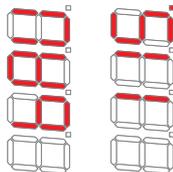


Fig.2. Display connection diagram.



Baud rate of interface No 1 [b/s]:
0 - 2400; 1 - 4800; 2 - 9600; 3 - 14400;
4 - 19200; 5 - 28800; 6 - 38400; 7 - 57600;
8 - 76800; **9 - 115200**

Fig.3. Displaying of transmission parameters.

Table 1

	One row version			Two rows version		
	DNL2 [mm]	DNL3 [mm]	DNL3 [mm]	DNL2 [mm]	DNL3 [mm]	DNL3 [mm]
A	931	1091	931	931	1091	1091
B	905	1065	905	905	1065	1065
C	868	1027	868	868	1027	1027
D	328	414	609	609	781	781
E	281	367	562	562	734	734

