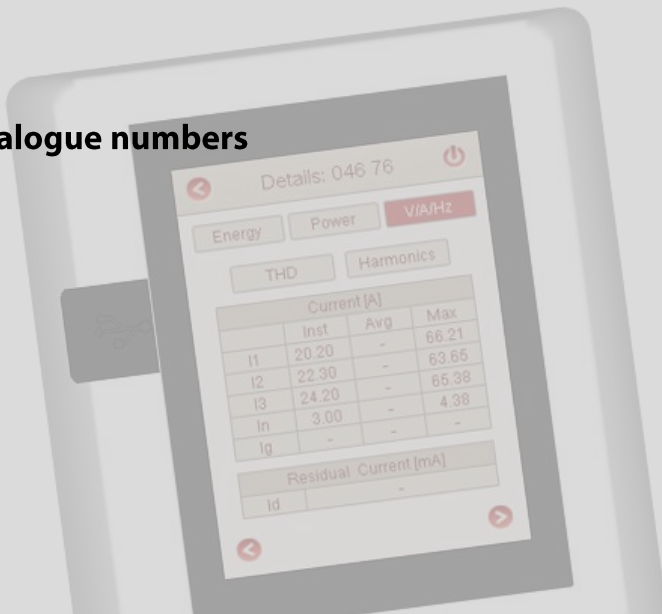






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Catalogue numbers



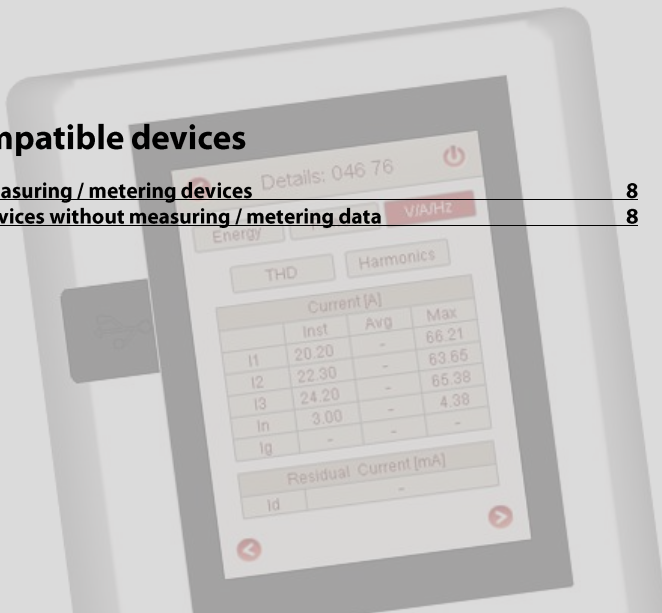
LG-261 56: "Panel Board Display"

- Management up to 8 devices

Software version 1.0.10

Compatible devices

- 2.1 Measuring / metering devices 8
- 2.2 Devices without measuring / metering data 8



2.1 Measuring / metering devices

- Range **EMDX³**
 - Multifunction measuring devices:
 - Modular - Cat.No **046 76**
 - Access - Cat.No **146 68**
 - Premium - Cat.No **146 69**
 - Energy counters RS485 :
 - Single-phase direct connection – Cat.Nos **046 77** (Standard), **046 79** (MID)
 - Three-phase direct connection – Cat.Nos **046 80** (Standard), **046 83** (MID)
 - Three-phase connection with CT – Cat.Nos **046 84** (Standard), **046 86** (MID)
 - Energy counters pulse output (with the Concentrator Cat.No **046 87**):
 - Single-phase direct connection – Cat.Nos **046 70/72/81** (Standard), **046 78** (MID)
 - Three-phase direct connection – Cat.Nos **046 73** (Standard), **046 82** (MID)
 - Three-phase connection with CT – Cat.Nos **046 74** (Standard), **046 85** (MID)
- Range **DPX³**
 - **DPX³ 250 electronic** only versions with **integrated measurement unit**
 - via the communication module Cat.No **4 210 75**

- Range **DMX³** with protection unit – touchscreen (Cat.Nos **288 03/04**)
 - via the communication module Cat.No **288 05**

2.2 Devices without measuring / metering data

- Range **DPX³**
 - **DPX³ 160 thermal-magnetic with integrated RCD**
 - **DPX³ 250 electronic, electronic with integrated RCD and thermal-magnetic with integrated RCD**
 - via the communication module Cat.No **4 210 75**
- Range **DMX³** with protection unit – LCD screen (Cat.No **288 00/01/02**)
 - via the communication module Cat.No **288 05**

Languages available

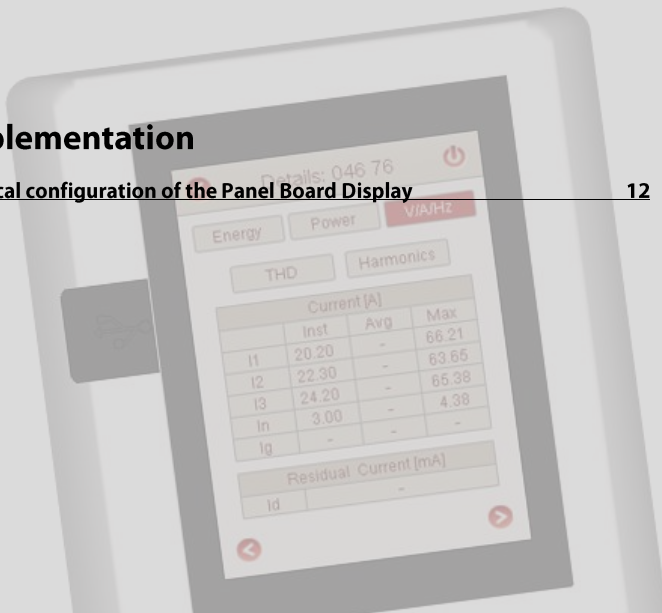


- **Languages:**

- English
- French
- Spanish
- Russian

Implementation

4.1 Local configuration of the Panel Board Display 12

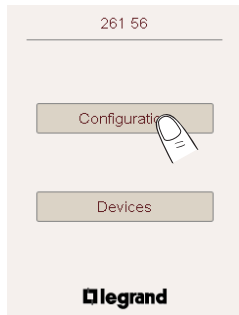


ATTENTION!

Complete procedures for configuring the Panel Board Display (Display configuration) and the System (System configuration) are only available by accessing the Display by a computer. (refer to the "User manual")

By working locally on Display are available certain setting options (Network settings, Data & Time and Display calibration options) and all display pages of devices.

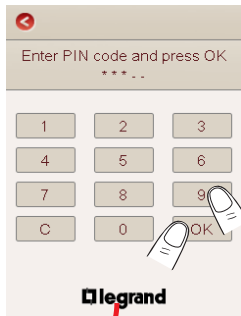
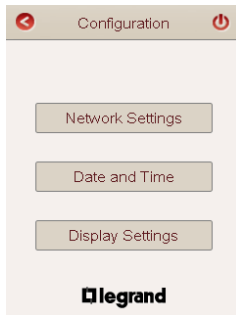
4.1 Local Configuration of the Panel Board Display



In the panel Board Display's home page touch on "Settings". Login page appears

Type the access PIN code 99999 (default PIN) then press on "OK".

Note: Only user "Administrator" (default PIN 99999) can access this pages. For full details on creating and managing users, refer to the [User manual](#).



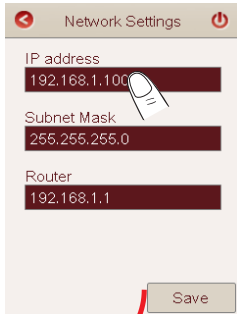
Panel Board Display's configuration page appears

4.1.1 Network Settings

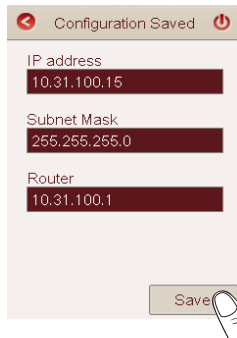


In the Settings page press on "Network Settings" to configure the LAN properties.

Network settings page appears. Pressing on one of the parameters (ex. IP address), a page where it is possible to change the selected parameter appears.



Type on the touch screen the new value for the selected parameter (ex. 10.31.100.15), then press "OK".



Repeat the same operations for the other parameters (Subnet Mask and Router), then press "Save" to complete the setting.

Note: the device restart automatically.

• Display default settings

- IP Address: 192.168.1.100
- Subnet Mask: 255.255.255.0
- Default Gateway: 192.168.1.1

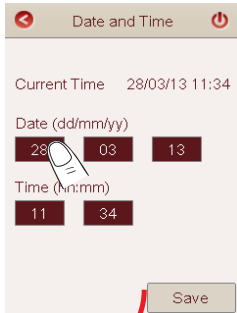
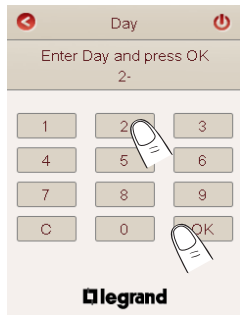
4.1.2 Data & Time



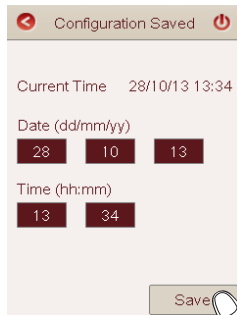
In the Settings page press on "Data and time" to set these parameters.

Data and Time page appears.

Pressing on one of the configuration fields (ex. Date), the edit page of the selected parameter appears.



Type on the touch screen the new value for the selected Parameter then press "OK".



Repeat the same operations for the other parameters then press "Save" to complete the setting.

4.1.3 Display Settings

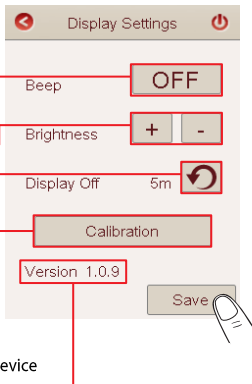


In the Settings page press on “Display Settings” to set the properties of the touch screen.

Display settings page appears.

Available settings:

- Enable/Disable the audible signal associated to the touching of a button on the screen.
- Increase/Decrease the Brightness of the screen
- Set the screen time out (possible values 30s, 1, 2, 3, 4, 5 min)
- Start Calibration procedure



Touch on “Save” to confirm the changes.

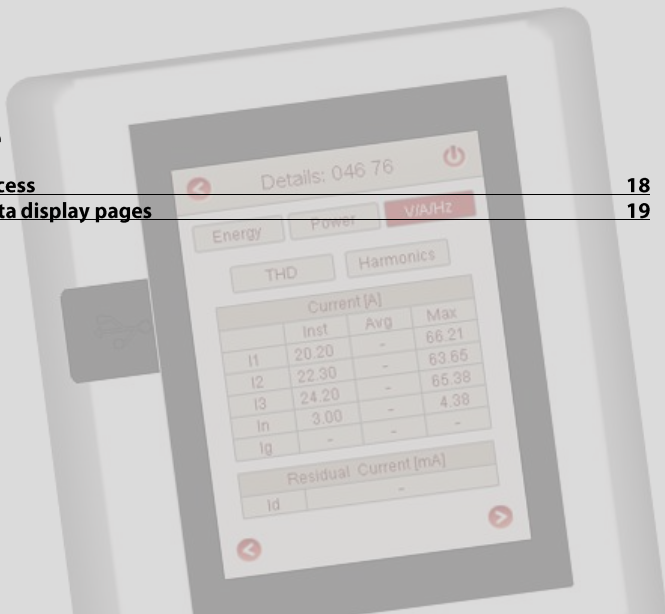
This page, also shows the version of the software embedded on the device



If the Beep is OFF, the device will not emit an audible signal.

Use

- 5.1 **Access** 18
- 5.2 **Data display pages** 19



5.1 Access

Access to the Panel Board Display's settings page is protected by identification code (PIN code).

Three types of "default" users are configurated:

- "Administrator"
- "Installer"
- "User"

5.1.1 Access rights

- "Administrator"

Access to the pages:

- Settings
- Devices

Default access PIN code:

99999 (5 characters)

- "Installer"

Access to the page:

- Devices

Default access PIN code:

55555 (5 characters)

- "User"

Access to the page:

- Devices


Default access PIN code:

11111 (5 characters)

5.1.2 Login procedure

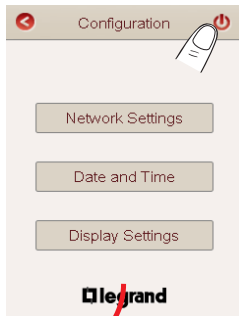
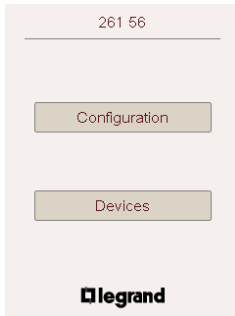
Login procedure is required only accessing the "Settings" page of the Panel Board Display.

5.1.3 Logout procedure

Logout icon  appears on all Display's pages once a user has logged-in to a page where the PIN code is required.

Touch the Logout icon.

Procedure returns the user to the Panel Board Display's home page whatever is the visualized page.



5.2 Data display pages

5.2.1 Devices

“Devices” page allows to view the consumption of each device added by the users.



In the Panel Board Display’s home page press on “Devices”

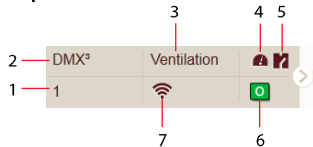
Devices list’s page appears.

This page shows the devices added with their characteristics and status icons.

Modbus Address	Device Name	Status Icon
046 76	Ventilation	Warning icon
5		Wi-Fi icon
DMX ³ - 1	Ventilation	Warning and Protection icons
6		Wi-Fi icon and Protection icon
DMX ³ - 2	Heating	Warning and Protection icons
8		Wi-Fi icon and Protection icon
046 76 - 2	Wall Sockets	Warning icon
2		Wi-Fi icon

Touch on the arrow in the lower part of the page to scroll the devices list.

• Description of the device selection button



1. Modbus address (Modbus Address-Position, for the pulse output counters)
2. Name of the device
3. Assigned Load
4. Symbol indicates that the device is a measuring / metering instrument
5. Symbol indicates that the device is a protection device (ex. Circuit-breaker)
6. This symbol appears only if the device is a protection device and shows the circuit-breaker state:
 - Open
 - Closed
 - Tripped
7. Communication status
 - On
 - Off
 - Communication error

Procedure to switch ON/OFF a device is described in the “[User Manual](#)” (§ 4.10.1).

046 76	Ventilation	
5		

In the Devices list's page press on a Device button.

Details page of the selected device appears.

The page is divided into two parts:

section **A** is the area where is possible to select the electrical quantities that will be displayed in the section **B** :

- Energy
- Power
- Voltages / Currents / Frequency
- THD (if available on the Device)
- Harmonics (if available on the Device)

Details: 046 76

Energy Power **V/A/Hz**

THD **A** Harmonics

Current [A]			
	Inst	Avg	Max
I1	20.20	-	66.21
I2	22.30	-	63.65
I3	24.20	-	65.38
In	3.00	-	4.38
Ig	-	-	-

Residual Current [mA]	
Id	-
	-

Touch the two arrows in the lower part of the page to view the different tables for the selected electrical quantity (ex. for the Energy: Active, Reactive and Apparent energy).



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