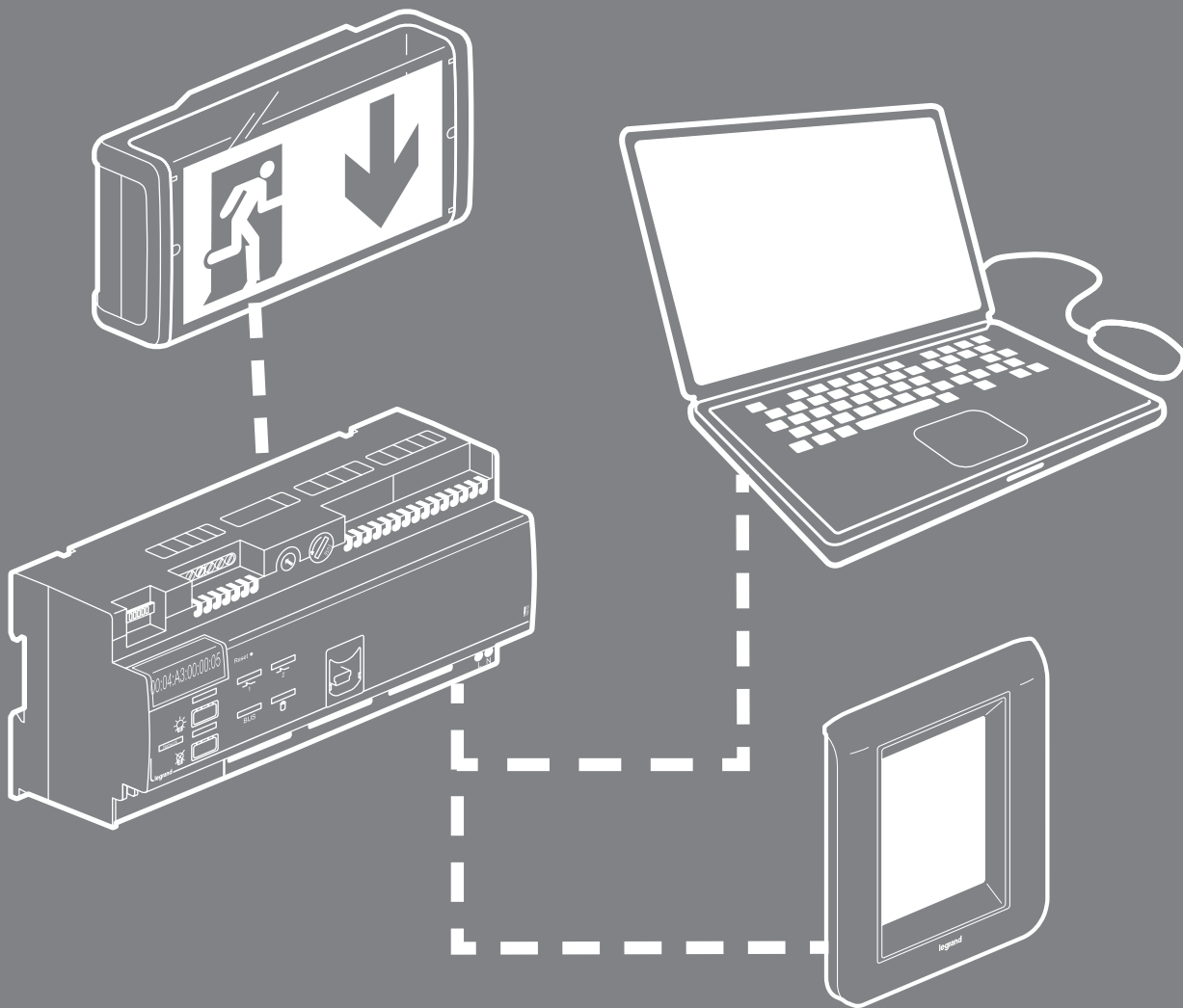


Supervision system for addressable self-testing units



INSTALLATION MANUAL

 www.legrandoc.com

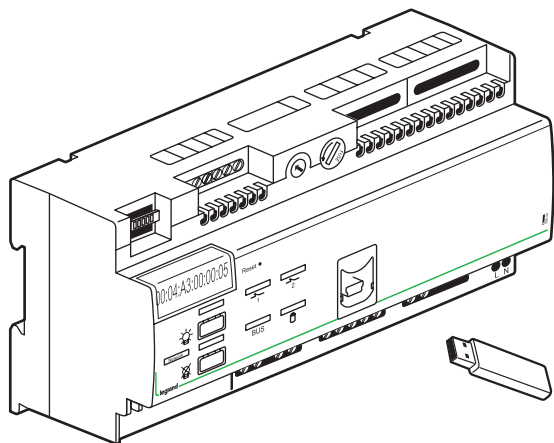
 **legrand**[®]

Contents

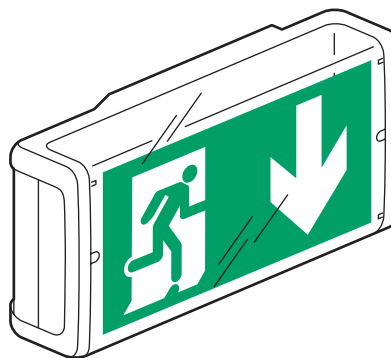
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System components

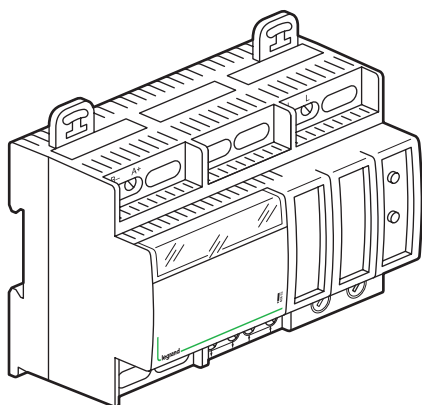
Interface + configuration software
Cat. No. 0 626 00



ECO2 addressable emergency lighting unit



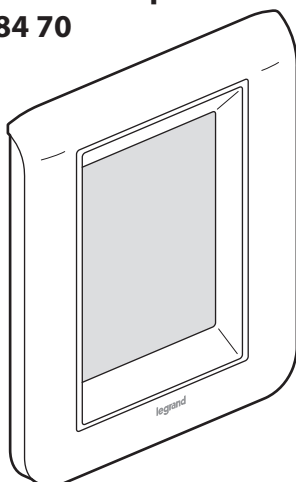
Repeater Cat. No. 0 626 03



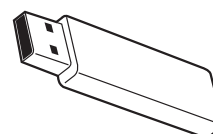
Mobile configurator for addressable emergency lighting units Cat. No. 0 626 10



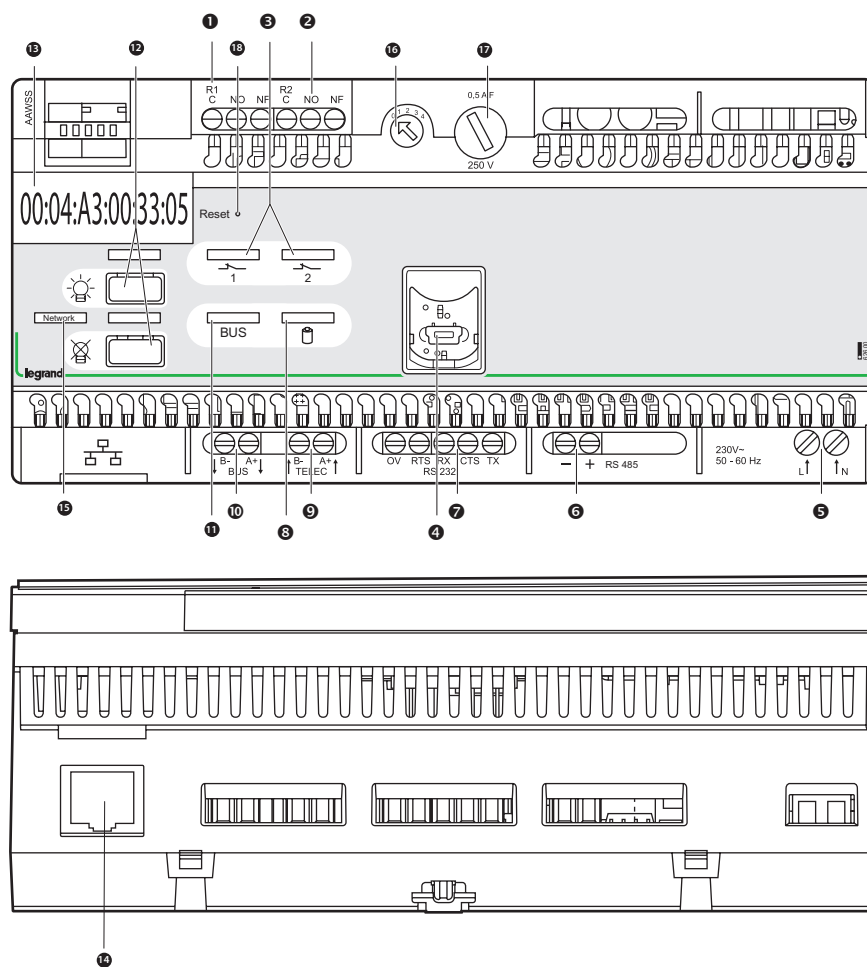
Touch screen controller
Cat. No. 0 626 01 with plate
Cat. No. 0 784 70
or 0 791 74



Supervision software Cat. No. 0 626 02



Description of the interface Cat. No. 0 626 00



- ❶ Fault relay 1 connection terminals
- ❷ Fault relay 2 connection terminals
- ❸ Fault relay indicator light
- ❹ USB socket
- ❺ Power supply terminals
- ❻ Connection terminals for RS485 (2 conductors)
- ❼ Connection terminals for RS232 (5 conductors)
- ❽ Battery charge indicator light
- ❾ Connection terminals for external control unit Cat. No. 0 039 00
- ❿ BUS connection terminals
- ⓫ BUS presence indicator light
- ⓬ Emergency lighting unit on/off buttons
- ⓭ Central unit MAC address
- ⓮ RJ 45 connector for TCP/IP network
- ⓯ TCP/IP network presence indicator light
- ⓰ Interface address selector
- ⓱ BUS protection fuse
- ⓲ Reset button

Technical characteristics:

- Power supply : 230 V~ 50 Hz
- Power consumption : 5 W 45 mA
- Battery : 9 V/110 mAh NiCd/NiMH
- Fuse protection : BUS 0.5 A F 250 V~ (5 x 20)
- Connection (cable sizes recommended for each terminal)
 - Mains, 2 terminals 1 x 1.5 mm²
 - Remote control, 2 terminals 1 x 1.5 mm²
 - BUS, 2 terminals 1 x 1.5 mm²
 - RS 232, 5 terminals 1 x 1.5 mm²
 - RS 485, 2 terminals 1 x 1.5 mm²
 - Fault relays, 6 terminals 1 x 1.5 mm²
 - RJ 45 for connection to IP network
 - Mini USB for direct connection to PC (max 1.5 m)
- Case insulation : Class II - IP 20
- Operating temperature : +5°C to +40°C
- Storage temperature : -10°C to +60°C
- Dimensions : L 178.2 mm x H 87.1 mm
10 modules
- Operating system : Windows XP SP3
Windows 7 pro 64 bit
Windows 8 and 10 Pro
1 GB RAM

Important:

According to European directive 91/157/EEC dated 18 March 1991, the batteries in this interface, which contain cadmium, may be dangerous for the environment.

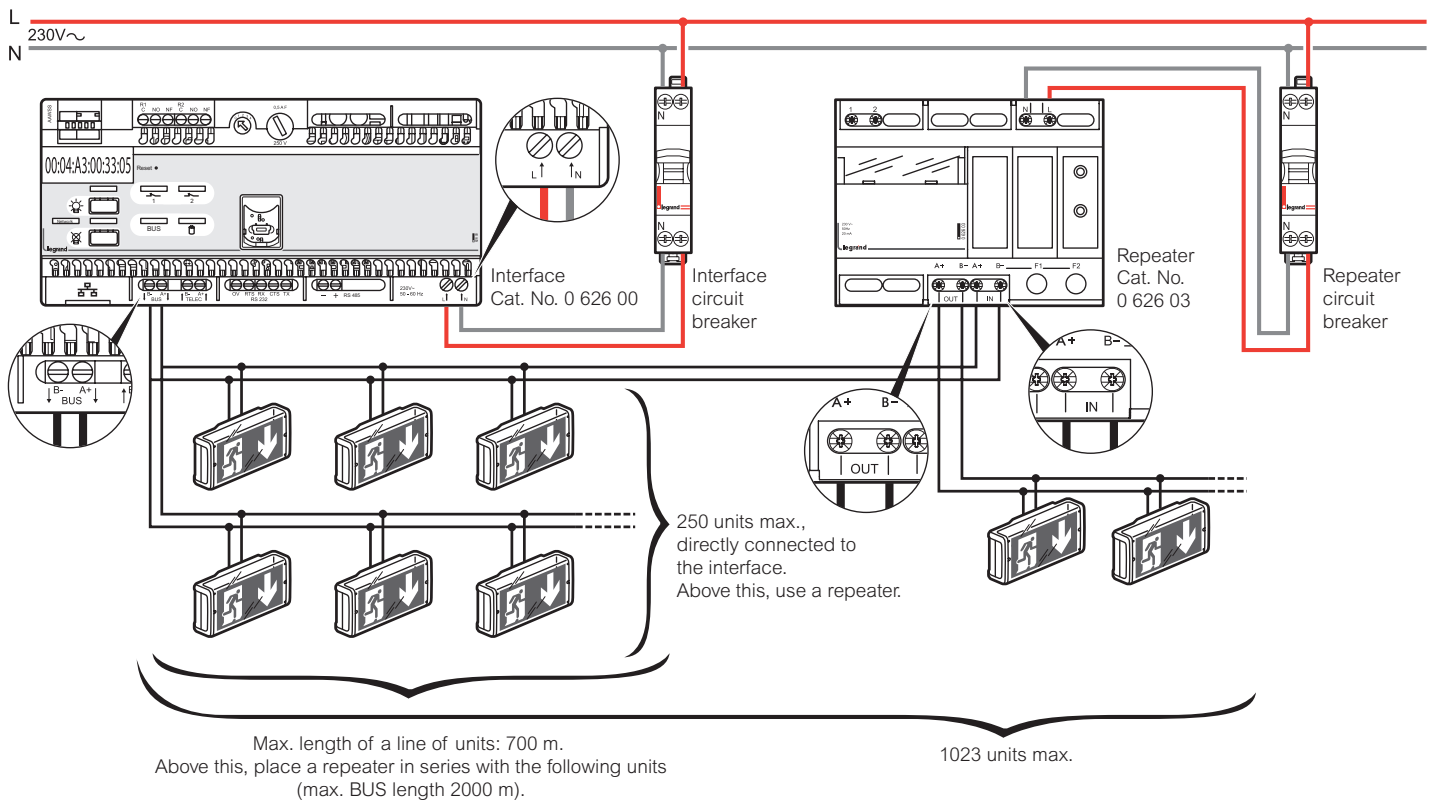
To use this interface, you must first configure it with the configuration software delivered on the USB stick.

System presentation

Wiring rules

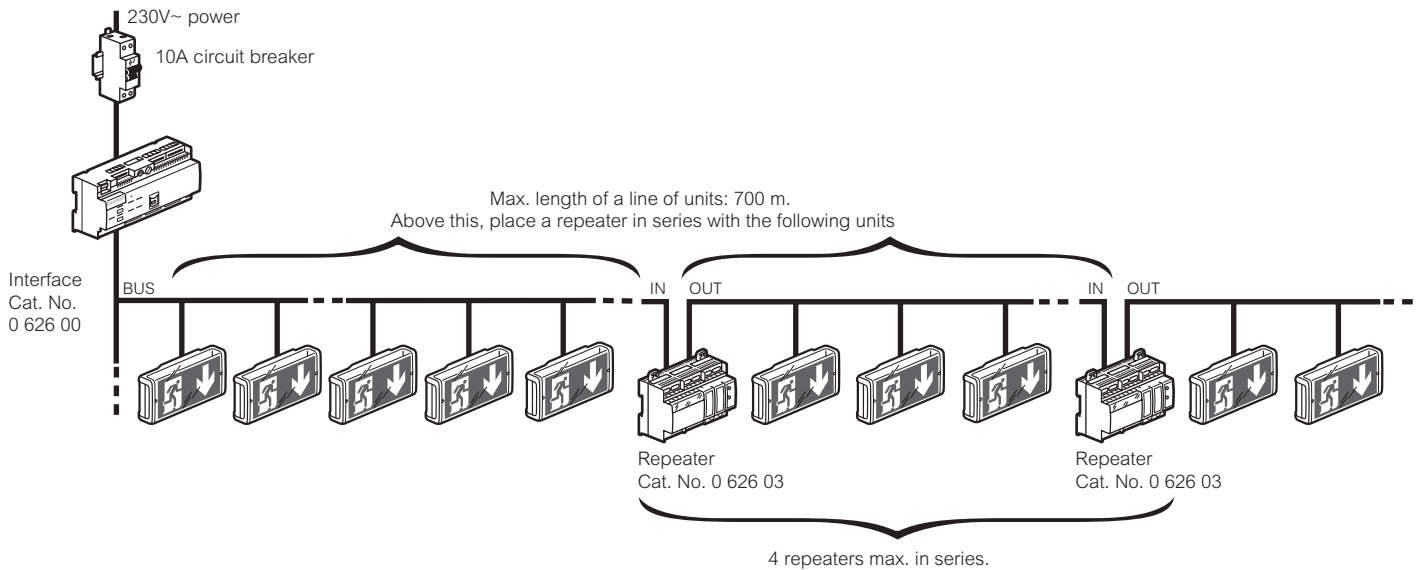
The interface Cat. No. 0 626 00 can monitor up to 1023 addressable luminaires with 4 repeaters Cat. No. 0 626 03.
 The maximum length of a line is 700 metres; above this you should add a repeater Cat. No. 0 626 03.
 The interface and each of its repeaters may be connected to a maximum of 250 addressable luminaires.
 U 1000 R2V 5G 1.5 mm² cable can be used for the addressable unit power supply and BUS connections.
 The total maximum length of a line is 2000 m (for star configurations). Beyond this distance add a repeater Cat. No. 0 626 03.

Star wiring example

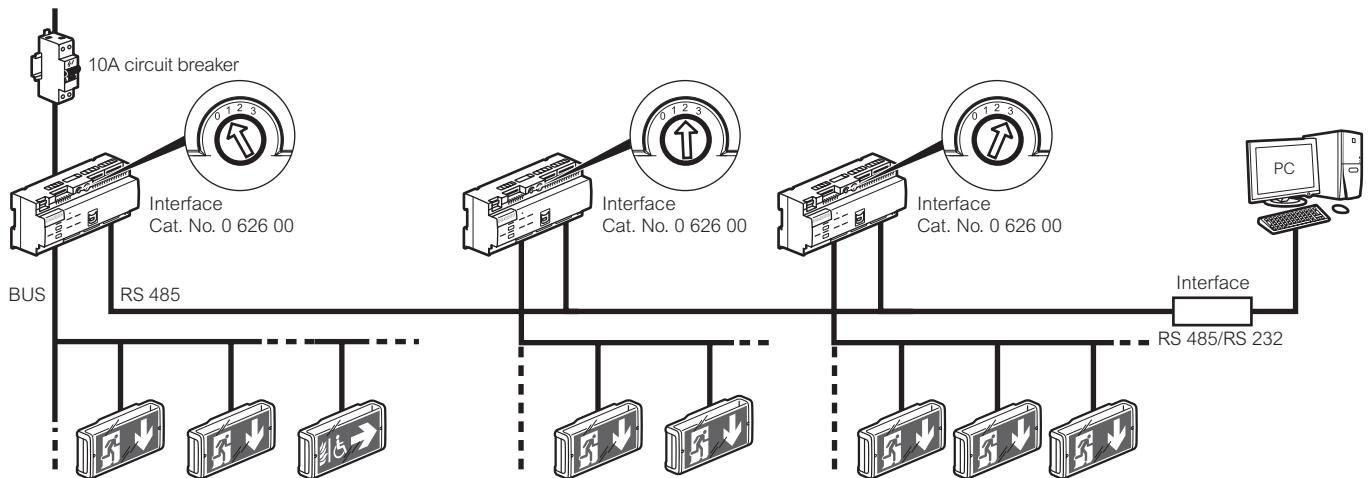


System presentation

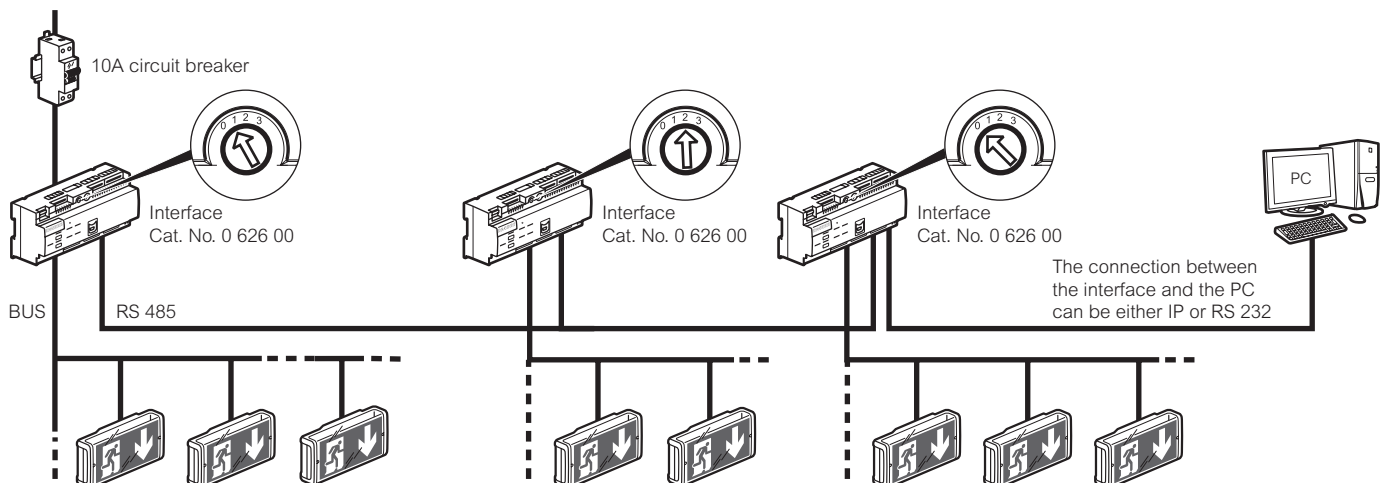
Series wiring example maximum 4 repeaters in series.



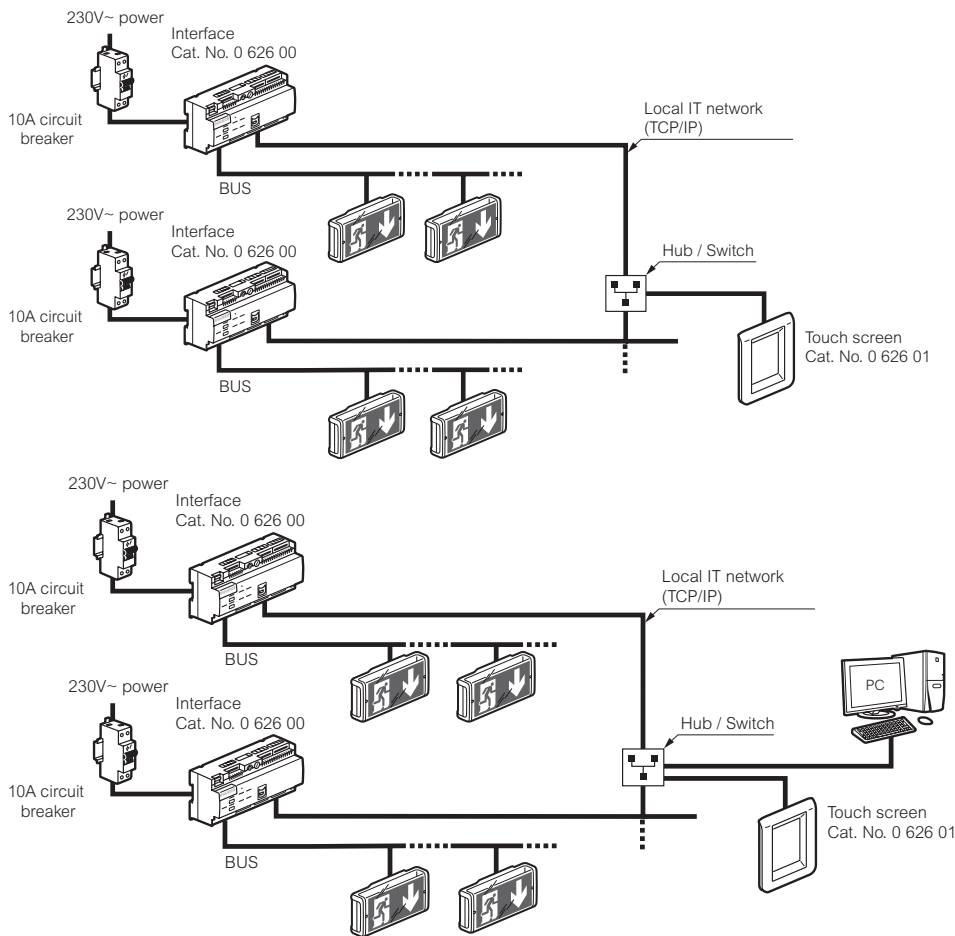
PC Connection by direct RS 485



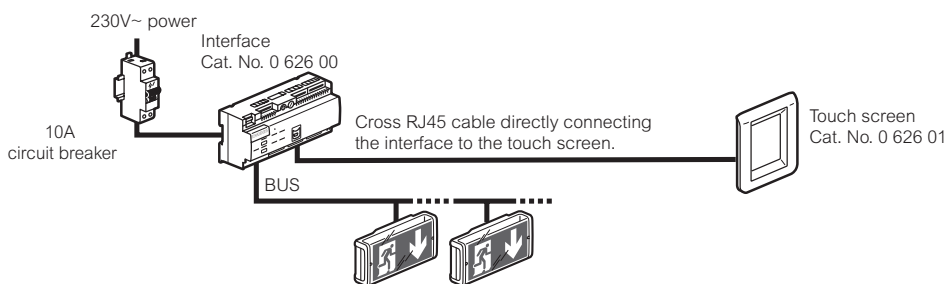
Connection in gateway mode with three interfaces wired on an RS485 BUS



Connection with touch screen via Ethernet network with two interfaces

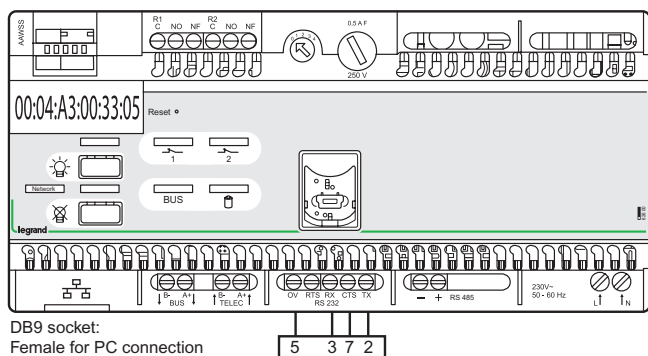


Connection with touch screen point-to-point with one interface



⚠ Caution: the RJ45 cable used in this case must be crossed.

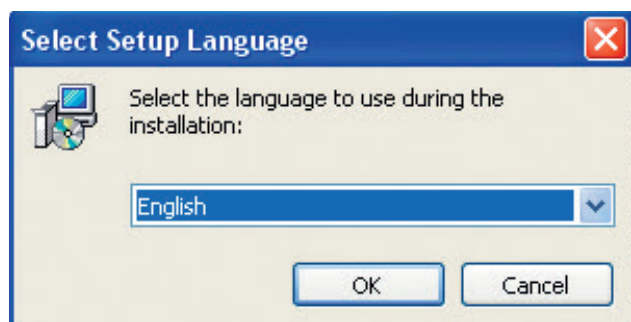
Wiring of an interface to a DB9 socket for PC connection in RS232



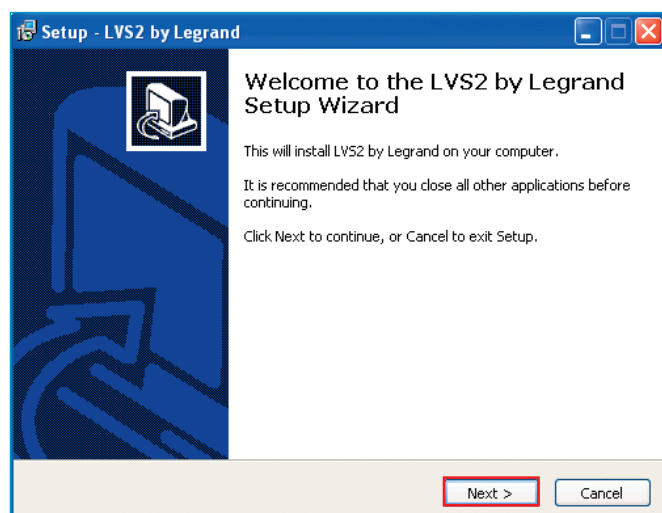
Configuration software installation

The Legrand addressable control unit Cat. No. 0 626 00 is delivered with a USB stick. Insert the USB stick into the appropriate port on your PC. The corresponding directory will appear on your screen.

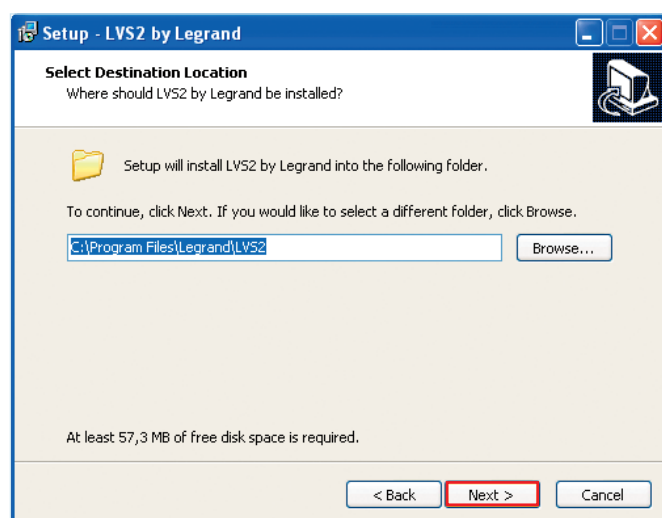
1 Select your preferred language



2 Double click on **logiciel_LVS2_v1.0.exe** to start the installation

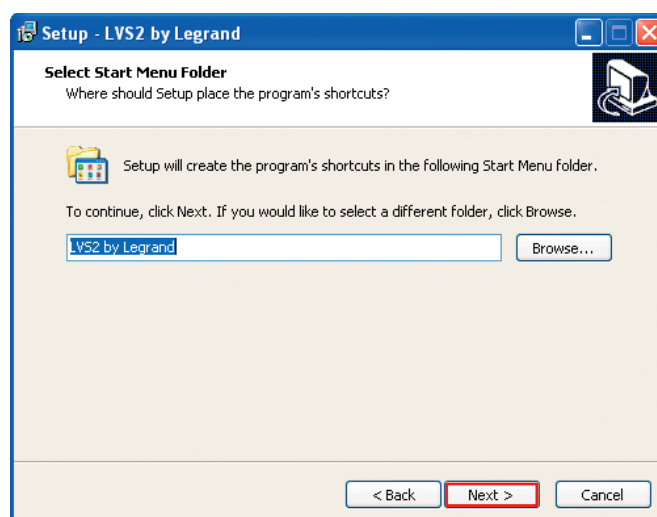


3 Click on **Next** to run the installation



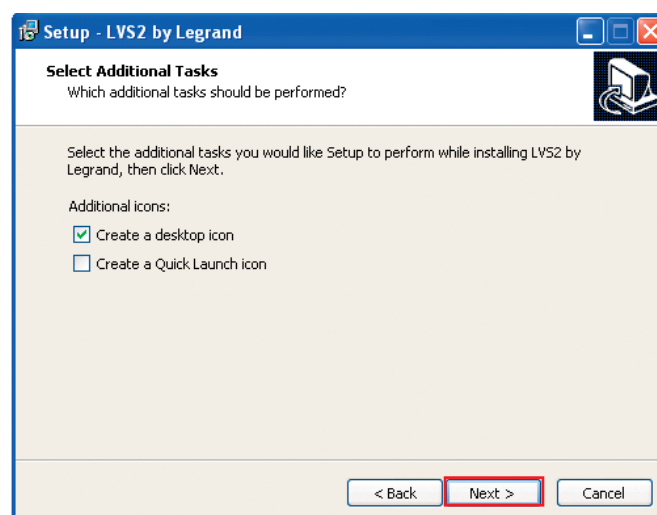
The default installation directory is shown. To change this directory, click on **Browse** and select the access path for the desired directory.

4 Click on **Next** to accept



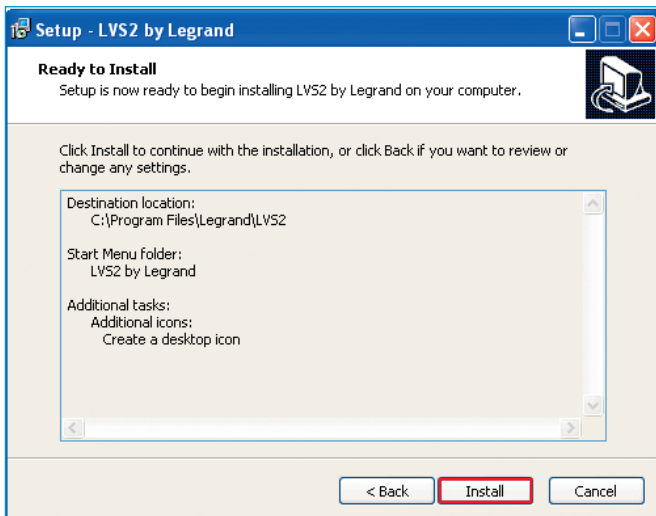
The start menu shortcut appears by default. To change this directory, click on **Browse** and select the access path for the desired folder.

5 Click on **Next** to continue the installation

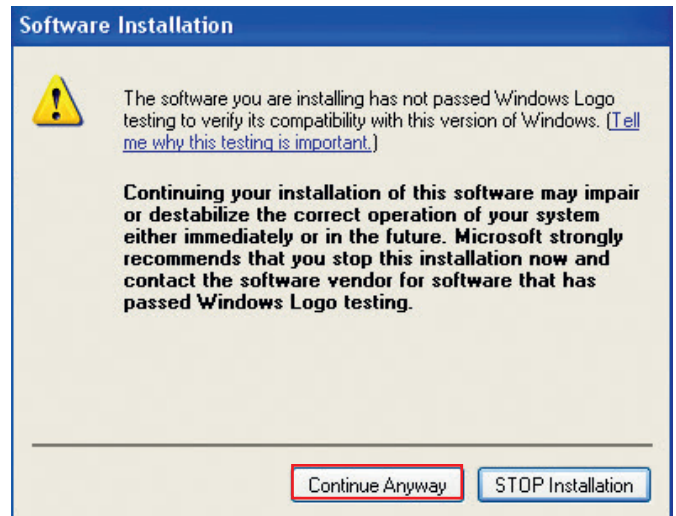
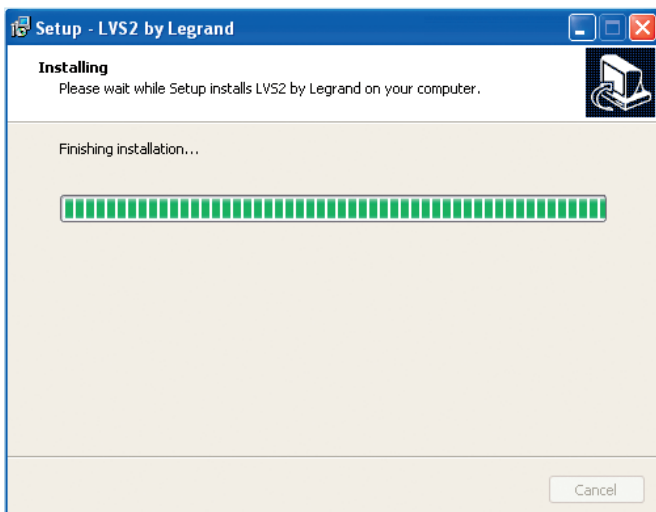


6 Select the checkboxes if you want to create icons on your PC

7 Click on **Next** to continue the installation



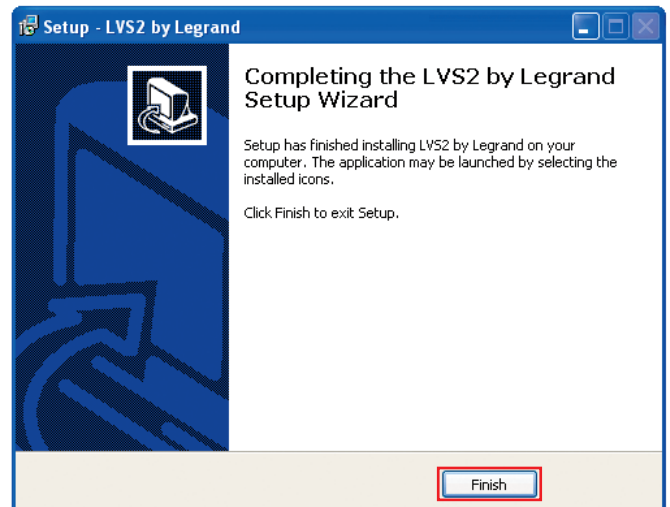
8 Click on **Install** to perform the installation



9 Click on **Continue Anyway** for the two messages



Enables installation of the two drivers necessary for the USB connection to the interface and the configuration tool.

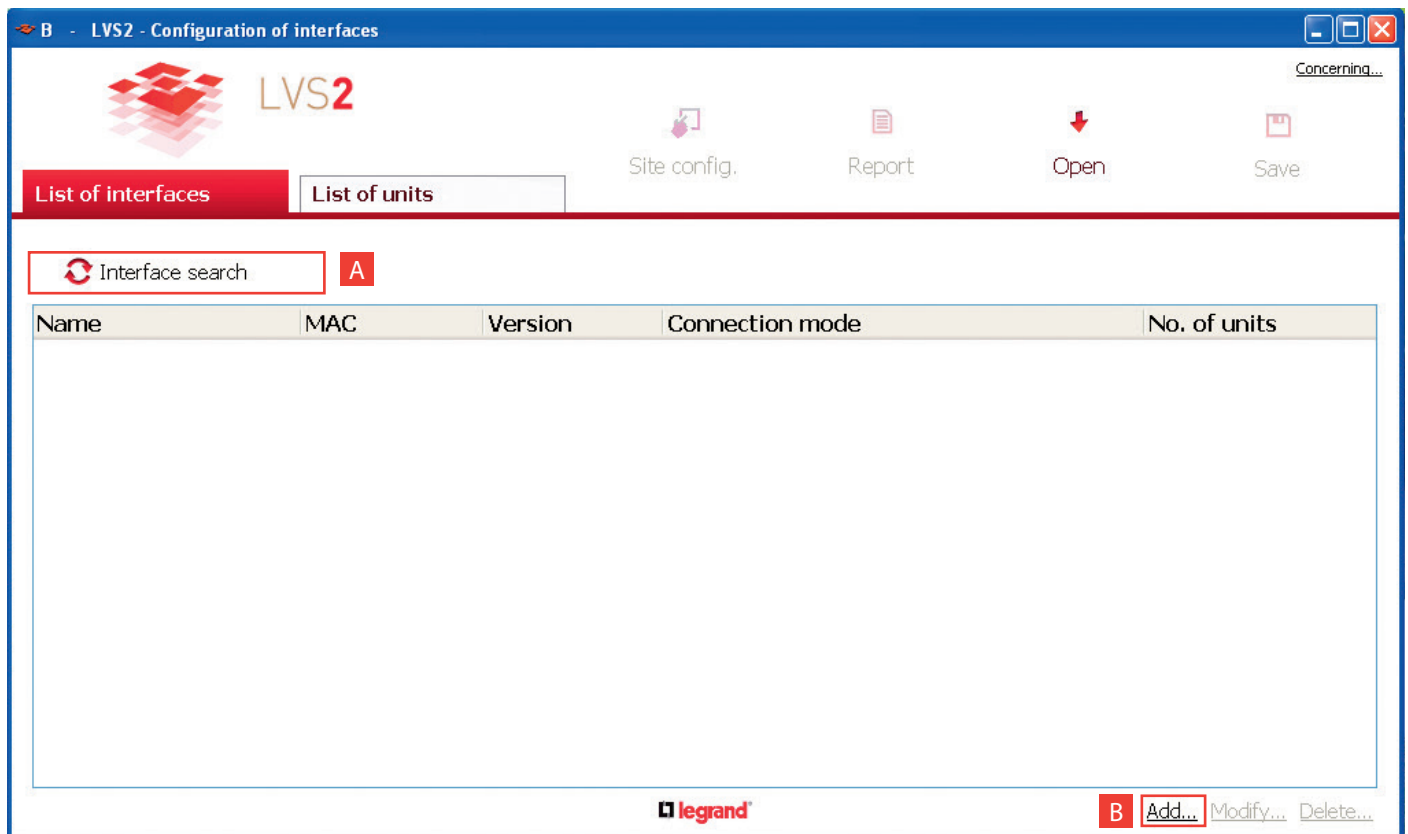


10 Click on **Finish**, the installation is complete.

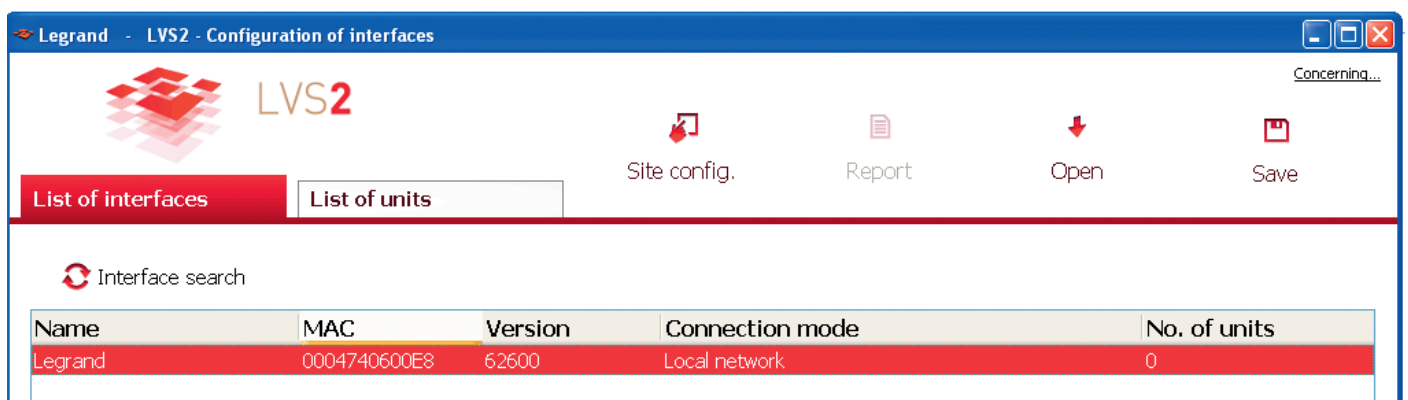
Configuration software presentation

1 – Entering interfaces

Case 1: Your interface is already connected to the IP network



A Search for visible interfaces: if your interface(s) are present on the local (IP) network and your network allows, they will be automatically found and added by the application.



1 Double click on the line of the interface to be entered.
This window will appear with the connection parameters completed.



Click on **OK** to accept the IP connection parameters or modify them.

This window is displayed.

2 Fill in the interface name

3 Click on **IP parameters**

This window is displayed.

4 Clear Configuration via DHCP to access the IP parameters

5 Fill in and check the information relating to the IP addresses

6 Click on **OK**

Configuration software presentation (continued)

1 – Entering interfaces (continued)

Case 1: Your interface is already connected to the IP network (continued)

B Add... : used for manual entry of the interface information for the installation when it is not found automatically.

Access Mode: interface on local area network (IP)

- 1 Enter the IP address of the interface
- 2 Enter the default fields:
 - **Name:** admin
 - **Password:** leg
- 3 Click on **OK**

This window is displayed.

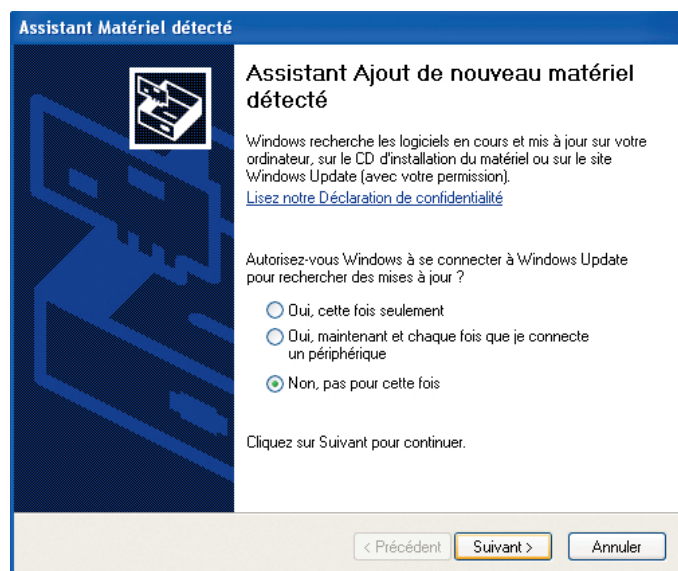
- 4 Enter the interface name
- 5 Fill out the information (mask, gateway, etc.) relating to the IP addresses by clicking on **IP parameters**.

Case 2: Your interface is connected by RS 232 or USB

Serial access

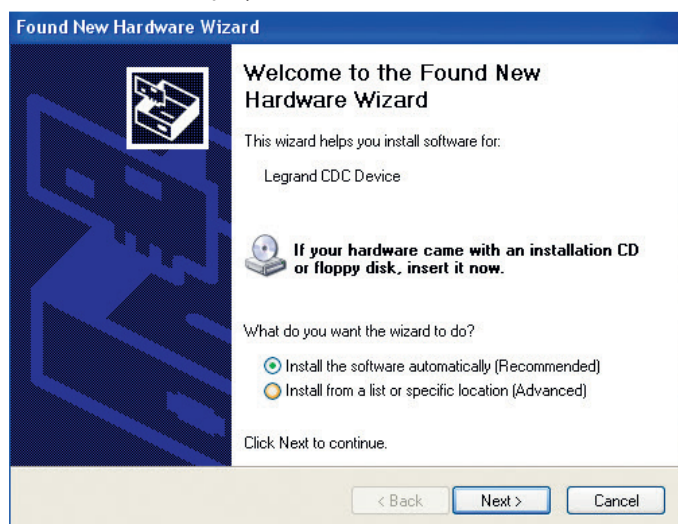


During the first USB connection, perform the following procedure:



- 1 Click on **No, not this time**
- 2 Click on **Next**

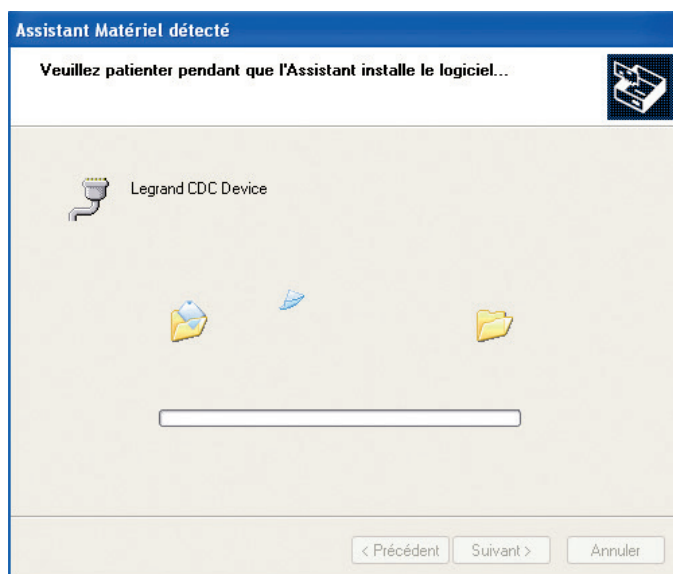
This window is displayed.



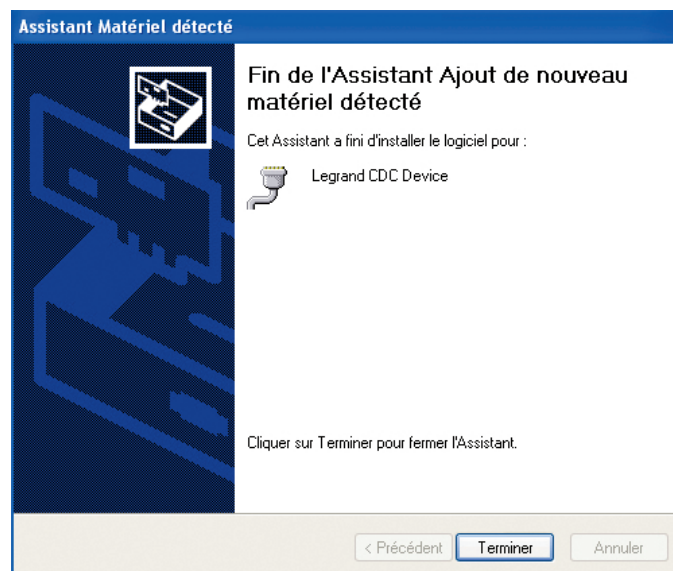
By default, a choice is selected (recommended installation): you are advised not to change anything.

- 3 Click on **Next**
- A warning message will be displayed.
- 4 Click on **Continue Anyway** twice

This window will be displayed: installation in progress.



This window will be displayed: installation complete.



- 5 Click on **Finish**

Configuration software presentation (continued)

Case 2: Your interface is connected by RS 232 or USB (continued)

Serial access (continued)

- 1- **Port:** select the COM port for the chosen connection
- 2- **Selector:** choose 0

6 Click on **OK**

This window is displayed.

7 Enter the interface name

8 Fill out the information (mask, gateway, etc.) relating to the IP addresses by clicking on **IP parameters**

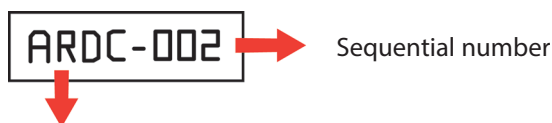
2 - Entering units

This step will enable you to connect the emergency lighting units to the interfaces and locate them within your installation. You can then print labels to address these units using the mobile configurator Cat. No. 0 626 10.

Unit addressing principle:

The Legrand addressable units can be addressed with a sticker format which enables them to be identified directly and located within the installation, as any unit with a fault will be displayed on the screen with this sticker format, which appears as follows:

For example, the 2nd unit on the ground floor of building A.



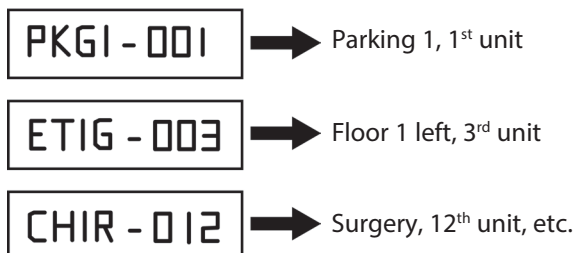
Name of the area in four alphanumeric characters: capitals, lower case, numbers, special characters.

This sticker format can be used in two different ways depending on the type of establishment:

• Establishments consisting of a single building

In this case, the names of the zones can characterise, for example, each level or zone of the building and the sequential number the chronological position of each unit by level or zone.

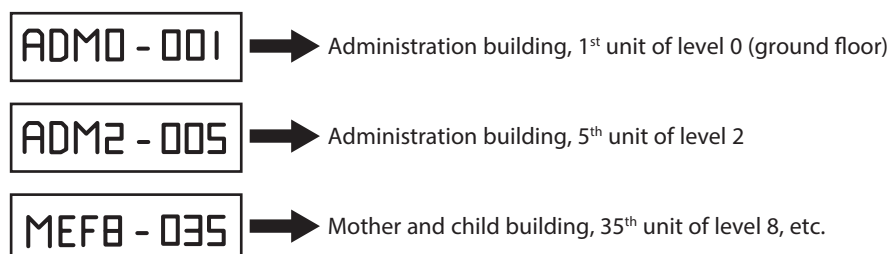
E.g.:



• Establishments consisting of multiple buildings

In this case, the name of the zone can include the building as a whole with respect to other buildings.

E.g.:

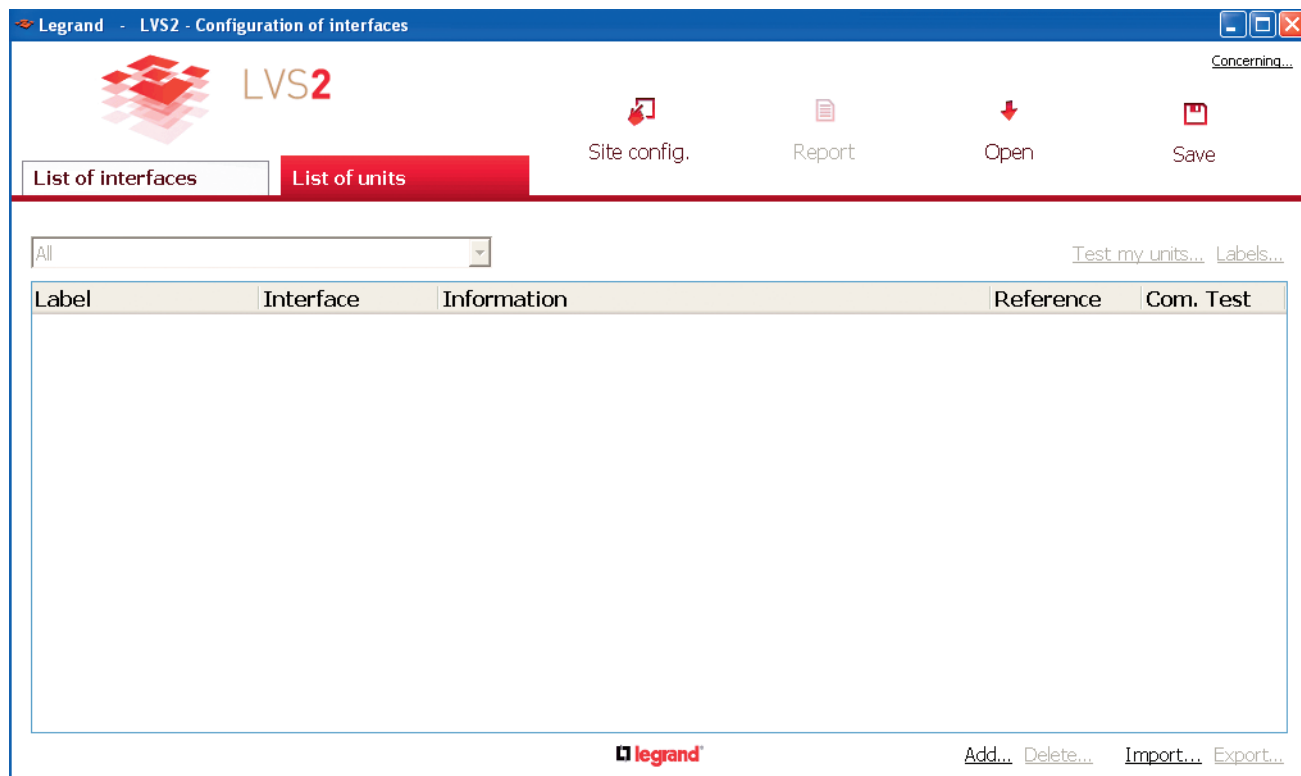


The definition of the addressing zones and the sequential numbers is performed using the configuration software.

This operation can be facilitated by using a Microsoft Excel worksheet (sequential number, reference and detailed geographical location of each unit) which is then loaded into the software and then the interface.

Configuration software presentation (continued)

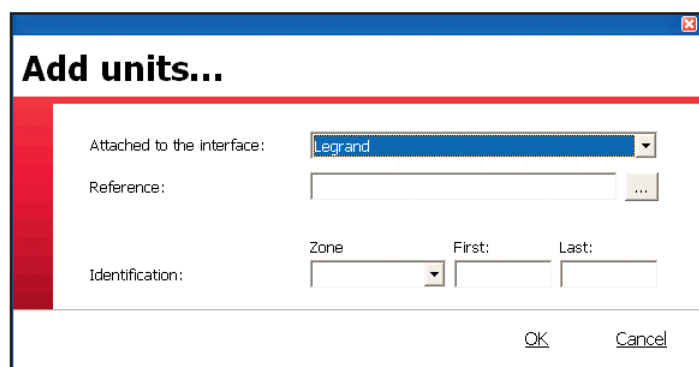
2 - Entering units (continued)



Case 1: You want to import unit data from an Excel spreadsheet

You must create one unit to export an xls file and then complete it to import the data.

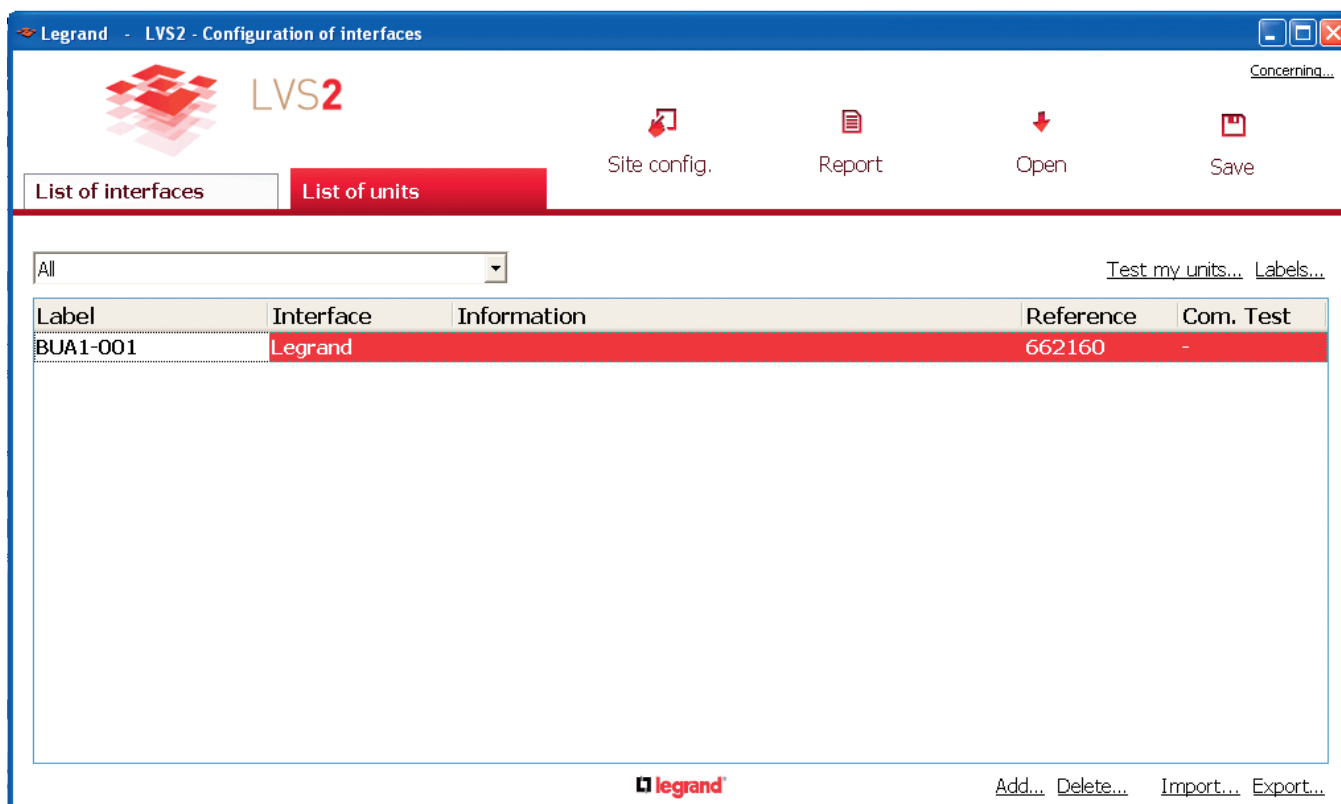
1 Click on **Add**
This window is displayed.



- 1 – Select an interface.
- 2 – Select the unit Cat. No. from the drop down list.
- 3 – Indicate its location in the building (**zone**).
- 4 – Enter the fields **First** (enter 1) and **Last** (enter 1).



It is possible to manually create all of the units. In this case, repeat this operation for each type of unit and indicate the number of units concerned in the **Last** field.



Legrand - LVS2 - Configuration of interfaces

LVS2

Site config. Report Open Save

List of interfaces List of units

All Test my units... Labels...

Label	Interface	Information	Reference	Com. Test
BUA1-001	Legrand		662160	-

Add... Delete... Import... Export...

- 2 Click on **Export... to an Excel file...**
- 3 Click on **OK**
- 4 Select the interface these units are connected to
- 5 Click on **Open** and select the destination of the xlsx file
- 6 Click on **Save**
- 7 Click on **OK**



By default, the xlsx file will have the name of the interface the units will be connected to.

The Excel file has the following fields to be completed:

- ZONE: indicates the location of a unit.
- NUMBER: indicates the unit number (default 1) in this zone.
- CAT. NO.: indicates the catalogue number of the relevant unit (6 digit number without spaces).
- INFORMATION: free entry field (80 characters maximum).

Once the file has been completed, you can import it into the software.

- 8 Click on **Import**

The data will display in the application home page.

Configuration software presentation (continued)

2 - Entering units (continued)

Label	Interface	Information	Reference	Com. Test
BUA1-001	Legrand		662160	-
BUA1-002	Legrand		662110	-
BUA1-003	Legrand		662110	-
BUA1-004	Legrand		662110	-
BUA1-005	Legrand		662110	-
BUA2-001	Legrand		662112	-
BUA2-002	Legrand		662112	-
BUA2-003	Legrand		662112	-
BUA2-004	Legrand		662112	-
BUA2-005	Legrand		662112	-
BUA3-001	Legrand		662543	-
BUA3-002	Legrand		662543	-
BUA3-003	Legrand		662543	-
BUA3-004	Legrand		662543	-



The sticker column indicates the number of each unit for addressing with the portable configurator Cat. No. 0 626 10.
The stickers can be printed (see p. 23).

Case 2: You want to create each unit manually See p. 16

3 - Exporting to an interface

Data contained in the software (units, etc...) must be exported to the interface to enable supervision.

Label	Interface	Information	Reference	Com. Test
MED1-001	Legrand		662162	-
MED1-002	Legrand		662162	-
MED1-003	Legrand		662162	-
MED1-004	Legrand		662162	-
MED1-005	Legrand		662162	-
MED1-006	Legrand		662162	-
MED1-007	Legrand		662162	-
MED1-008	Legrand		662162	-
MED1-009	Legrand		662162	-
MED1-010	Legrand		662162	-
MED1-011	Legrand		662162	-
MED1-012	Legrand		662162	-
MED1-013	Legrand		662162	-
MED1-014	Legrand		662162	-
MED1-015	Legrand		662162	-
MED2-001	Legrand		662122	-
MED2-002	Legrand		662122	-
MED2-003	Legrand		662122	-
MED2-004	Legrand		662122	-
MED2-005	Legrand		662122	-

1 Click on **Export**

2 Select **to my interfaces**

Configuration software presentation (continued)

3 - Exporting to an interface (continued)

The screenshot shows the LVS2 software interface. At the top, there is a menu bar with 'List of interfaces' and 'List of units'. Below this is a table with columns: Label, Interface, Reference, and Com. Test. A dialog box titled 'Export to my interfaces' is open, showing a list of interfaces to select. The dialog box has a title bar, a close button, and a 'Select the interfaces:' label. Below the label is a list box containing 'Legrand' and 'London'. 'Legrand' has a checked checkbox, and 'London' has an unchecked checkbox. At the bottom of the dialog box are 'Confirm' and 'Cancel' buttons.

Label	Interface	Reference	Com. Test
MED1-001	Legrand	662162	-
MED1-002	Legrand	662162	-
MED1-003	Legrand	662162	-
MED1-004	Legrand	662162	-
MED1-005	Legrand	662162	-
MED1-006	Legrand	662162	-
MED1-007	Legrand	662162	-
MED1-008	Legrand	662162	-
MED1-009	Legrand	662162	-
MED1-010	Legrand	662162	-
MED1-011	Legrand	662162	-
MED1-012	Legrand	662162	-
MED1-013	Legrand	662162	-
MED1-014	Legrand	662162	-
MED1-015	Legrand	662162	-
MED2-001	Legrand	662122	-
MED2-002	Legrand	662122	-
MED2-003	Legrand	662122	-
MED2-004	Legrand	662122	-
MED2-005	Legrand	662122	-

3 Select the target interface.

Once the export has been completed, the font for units in the software changes from bold to regular.

The screenshot shows the LVS2 software interface with a dialog box titled "Export to my interfaces" in the foreground. The dialog box contains the following text:

Export to my interfaces

The export of your units to your interfaces has been completed successfully.

Click the "Close" button to close this screen.

[Close](#)

The background shows a table with the following columns: Label, Interface, Reference, and Com. Test. The table contains 20 rows of data. The row with Label "MED 1-010" is highlighted in red. The Reference column for this row is "662162".

Label	Interface	Reference	Com. Test
MED 1-001	Legrand	662162	-
MED 1-002	Legrand	662162	-
MED 1-003	Legrand	662162	-
MED 1-004	Legrand	662162	-
MED 1-005	Legrand	662162	-
MED 1-006	Legrand	662162	-
MED 1-007	Legrand	662162	-
MED 1-008	Legrand	662162	-
MED 1-009	Legrand	662162	-
MED 1-010	Legrand	662162	-
MED 1-011	Legrand	662162	-
MED 1-012	Legrand	662162	-
MED 1-013	Legrand	662162	-
MED 1-014	Legrand	662162	-
MED 1-015	Legrand	662162	-
MED 2-001	Legrand	662122	-
MED 2-002	Legrand	662122	-
MED 2-003	Legrand	662122	-
MED 2-004	Legrand	662122	-
MED 2-005	Legrand	662122	-

At the bottom of the interface, there are buttons for "Add...", "Delete...", "Import...", and "Export...".

Configuration software presentation (continued)

3 - Exporting to an interface (continued)

In the example below:

Label	Interface	Information	Reference	Com. Test
MED1-001	Legrand		662190	-
MED1-002	Legrand		662162	-
MED1-003	Legrand		662162	-
MED1-004	Legrand		662162	-
MED1-005	Legrand		662162	-
MED1-006	Legrand		662162	-
MED1-007	Legrand		662162	-
MED1-008	Legrand		662162	-
MED1-009	Legrand		662162	-
MED1-010	Legrand		662162	-
MED1-011	Legrand		662162	-
MED1-012	Legrand		662162	-
MED1-013	Legrand		662162	-
MED1-014	Legrand		662162	-
MED1-015	Legrand		662162	-
MED2-001	Legrand		662122	-
MED2-002	Legrand		662122	-
MED2-003	Legrand		662122	-
MED2-004	Legrand		662122	-
MED2-005	Legrand		662122	-

For unit MED1-001 the configuration (unit, location, label, Cat. No.) is not the same in the interface configuration software and in the interface.

4 - Saving your configuration

Once the configuration of your installation is completed with the units and interfaces, you must save the data.

1 Click on **Save**



Save

2 Select the destination for the lvc file

3 Click on **Save**



Each time you work on your installation, you must import this saved file into the application by clicking on **Open**.


Open

5 - Printing stickers for unit identification

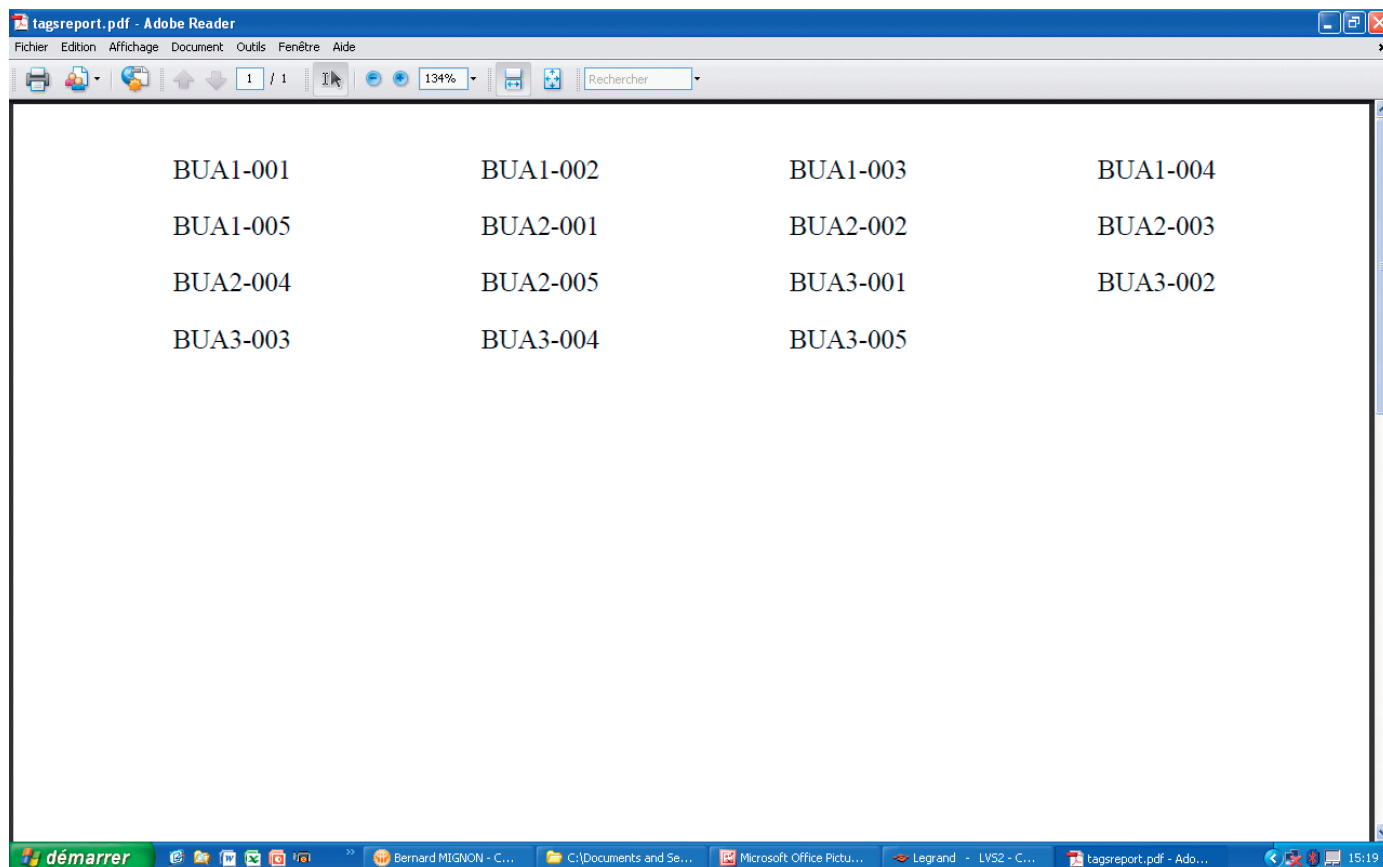
In the Unit list tab:

1 Click on **Stickers**

2 Select the relevant interface

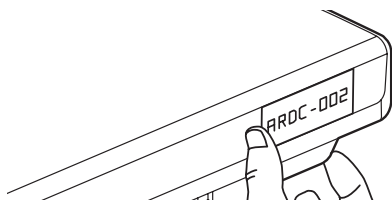
3 Click on **OK**

A list of stickers with the address of each unit is generated and can be printed with Cat. No. 0 388 28 so they can then be stuck onto each emergency lighting unit.



Configuration software presentation (continued)

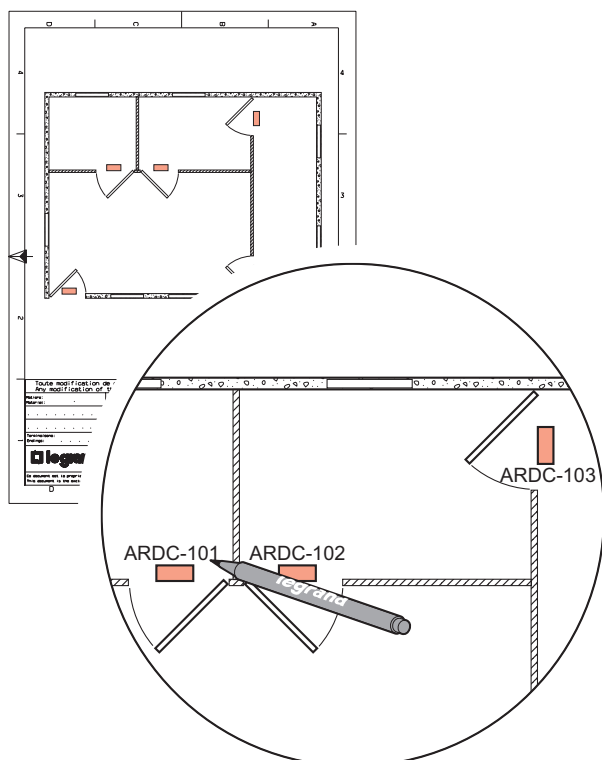
5 - Printing stickers for unit identification (continued)



Attach the sticker to each emergency lighting unit.



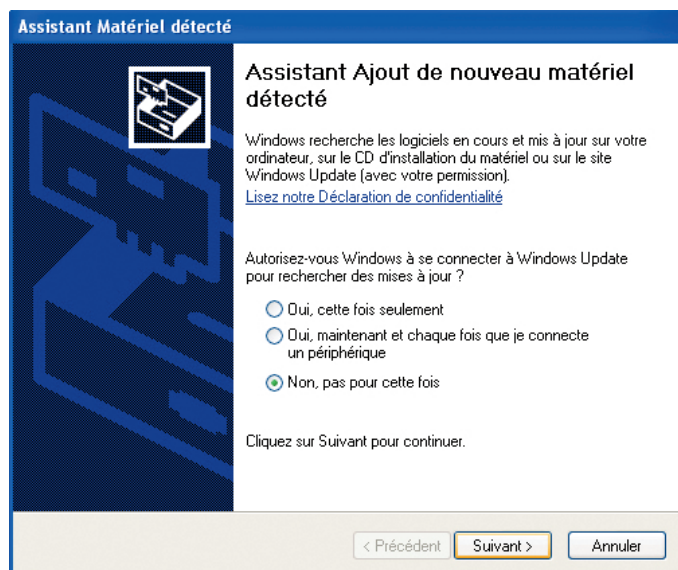
You may find it useful to have a building plan to note the position of each unit and its address.



6 - Addressing units using configuration tool Cat. No. 0 626 10

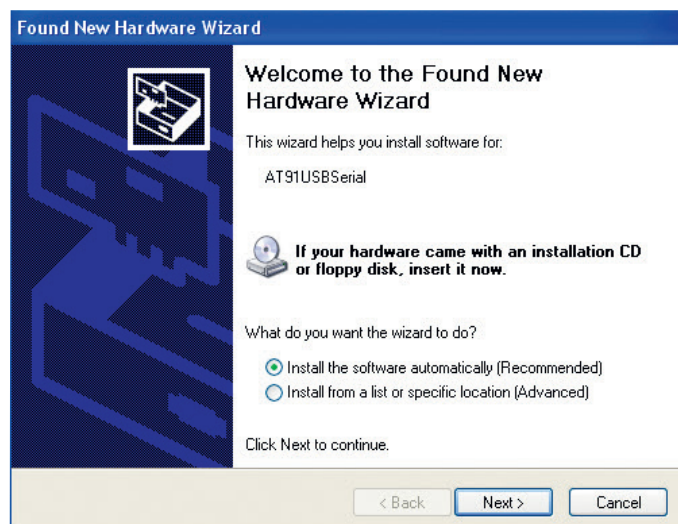


During the first USB connection, perform the following procedure:



- 1 Click on **No, not this time**
- 2 Click on **Next**

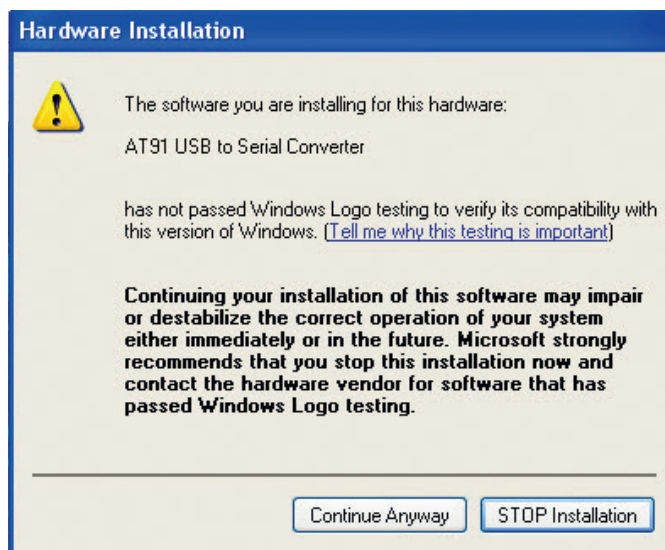
This window is displayed.



By default, a choice is selected (recommended installation): you are advised not to change anything.

- 3 Click on **Next**

A warning message will be displayed.



- 4 Click twice on **Continue Anyway**

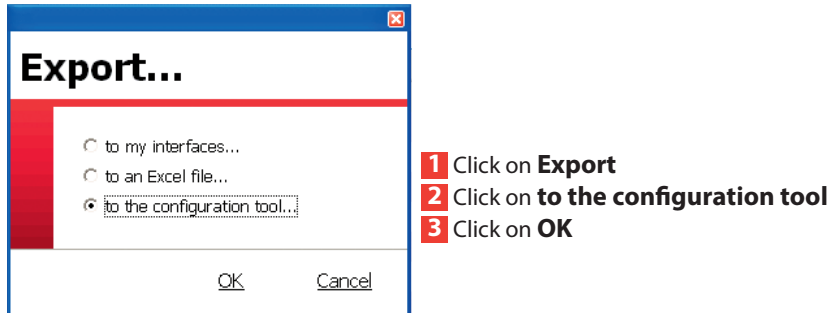
This window will be displayed: installation in progress

- 5 Click on **Finish**

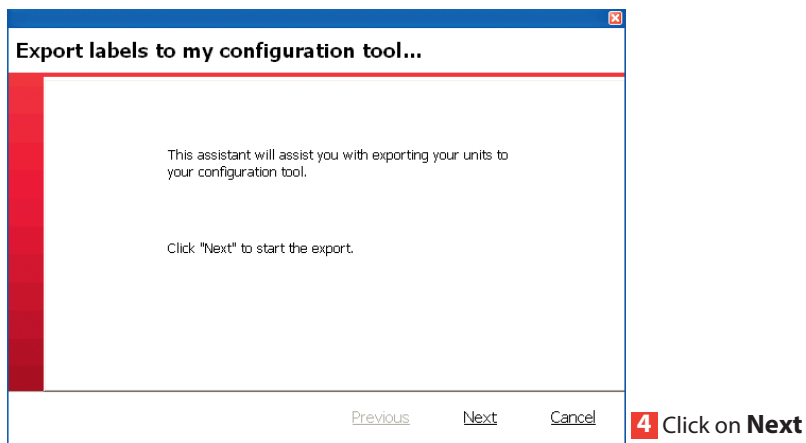
Configuration software presentation (continued)

6 - Addressing units using configuration tool Cat. No. 0 626 10 (continued)

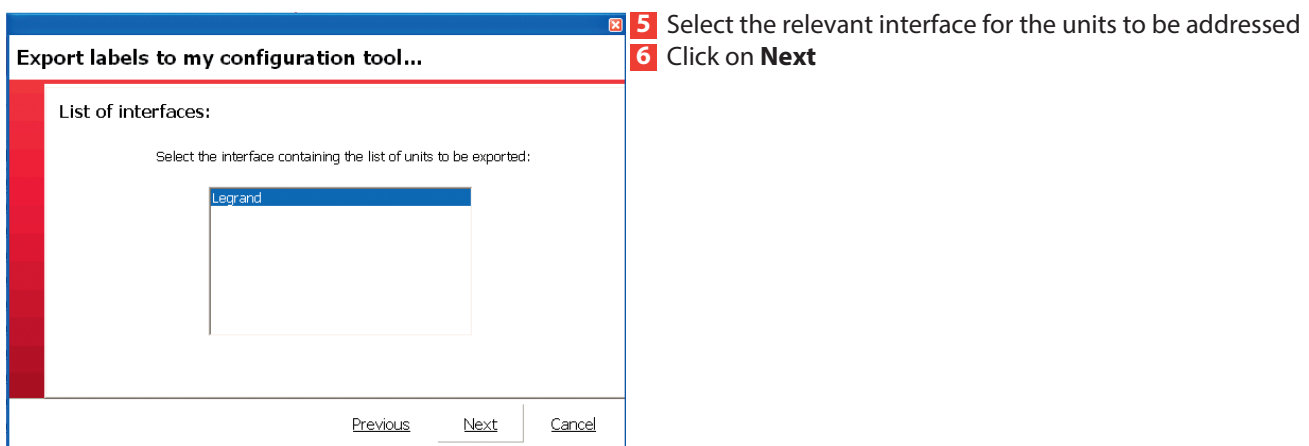
In the **Unit list** tab, once the installation units have been entered:



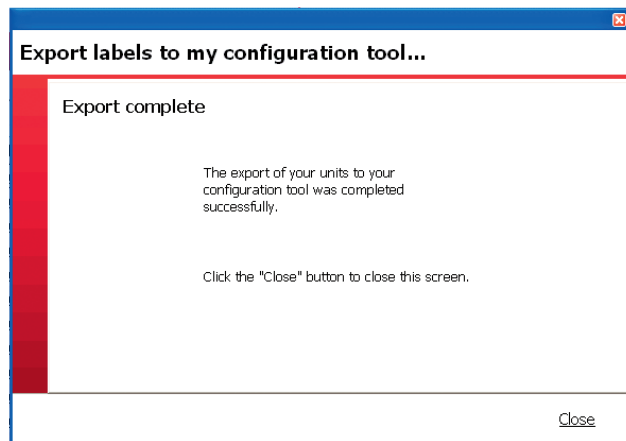
This window is displayed.



This window is displayed.



This window is displayed.



7 Click on **Close**

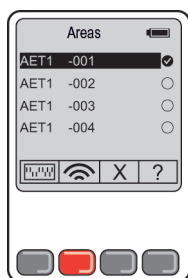
Once the export is finished, you can start addressing your units by standing under them with the configurator.

Steps for addressing your units



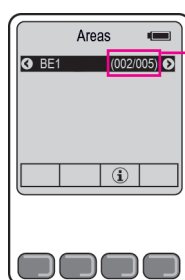
- 1** Select the **Areas** line on the Main Menu
- 2** Click on the **right arrow**

A list of zones is displayed with the number of attached units.



Explanation of buttons:

- Used to give the switch position for units with switches (see p. 28).
- Used to address the unit by standing under it with the configuration tool (the addressed unit's backup LEDs will turn on for 2 seconds).
- Used to delete a unit's address (the unit's backup LEDs will turn on twice for 2 seconds).
- Used to test the addressed unit. (the unit's backup lights turn on for 2 seconds to indicate that the unit contains an address and the monitor LEDs go out to indicate that the unit does not contain an address).



Indicates the number of units in the zone and the number addressed: Here, there are 11 units and 0 addressed.



- 3** Select the zone where you want to address the units
- 4** Click on the **right arrow**

Configuration software presentation (continued)

7 - Addressing units with micro-switches using the application

Case 1: using the application

In the **Unit list** tab, once the installation's units have been entered, if you have units with switches, you must perform these steps just for these units.

1 Click on **Report**

A list of switch units will appear with the switch position for manual addressing (in the form of a PDF file).

2 Click on **Print**

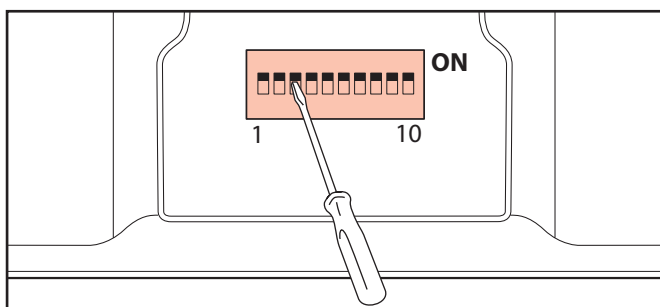


Installation report

Interface	Label	Reference	Information	Com. Test	Microswitch
Legrand	BUA1-001	662160		-	
Legrand	BUA1-002	661020		-	
Legrand	BUA1-003	662110		-	
Legrand	BUA1-004	662110		-	
Legrand	BUA1-005	662110		-	
Legrand	BUA2-001	661020		-	
Legrand	BUA2-002	662112		-	
Legrand	BUA2-003	662112		-	
Legrand	BUA2-004	662112		-	
Legrand	BUA2-005	662112		-	
Legrand	BUA3-001	662543		-	
Legrand	BUA3-002	662543		-	
Legrand	BUA3-003	662543		-	
Legrand	BUA3-004	662543		-	
Legrand	BUA3-005	662543		-	

Friday, October 19th, 2012

You can print this report to manually address these units.



Addressing chart

0	000000000	25	000011001	50	0000110010	75	0001001011
1	000000001	26	000011010	51	0000110011	76	0001001100
2	000000010	27	000011011	52	0000110100	77	0001001101
3	000000011	28	000011100	53	0000110101	78	0001001110
4	000000100	29	000011101	54	0000110110	79	0001001111
5	000000101	30	000011110	55	0000110111	80	0001010000
6	000000110	31	000011111	56	0000111000	81	0001010001
7	000000111	32	0000100000	57	0000111001	82	0001010010
8	000001000	33	0000100001	58	0000111010	83	0001010011
9	000001001	34	0000100010	59	0000111011	84	0001010100
10	000001010	35	0000100011	60	0000111100	85	0001010101
11	000001011	36	0000100100	61	0000111101	86	0001010110
12	000001100	37	0000100101	62	0000111110	87	0001010111
13	000001101	38	0000100110	63	0000111111	88	0001011000
14	000001110	39	0000110111	64	0001000000	89	0001011001
15	000001111	40	0000101000	65	0001000001	90	0001011010
16	0000010000	41	0000101001	66	0001000010	91	0001011011
17	0000010001	42	0000101010	67	0001000011	92	0001011100
18	0000010010	43	0000101011	68	0001000100	93	0001011101
19	0000010011	44	0000101100	69	0001000101	94	0001011110
20	0000010100	45	0000101101	70	0001000110	95	0001011111
21	0000010101	46	0000101110	71	0001000111	96	0001100000
22	0000010110	47	0000101111	72	0001001000	97	0001100001
23	0000010111	48	0000110000	73	0001001001	98	0001100010
24	0000011000	49	0000110001	74	0001001010	99	0001100011

Encoding example using dip switch:

ADDRESS 512

$$512 = 512 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0$$

Position	1	2	3	4	5	6	7	8	9	10
Weight	512	256	128	64	32	16	8	4	2	1
Status	1	0	0	0	0	0	0	0	0	0

i.e. 512 = 1000000000

ADDRESS 835

$$835 = 512 + 256 + 0 + 64 + 0 + 0 + 0 + 0 + 2 + 1$$

Position	1	2	3	4	5	6	7	8	9	10
Weight	512	256	128	64	32	16	8	4	2	1
Status	1	1	0	1	0	0	0	0	1	1

i.e. 835 = 1101000011

ADDRESS 459

$$459 = 0 + 256 + 128 + 64 + 0 + 0 + 8 + 0 + 2 + 1$$

Position	1	2	3	4	5	6	7	8	9	10
Weight	512	256	128	64	32	16	8	4	2	1
Status	0	1	1	1	0	0	1	0	1	1

i.e. 459 = 0111001011

Configuration software presentation (continued)

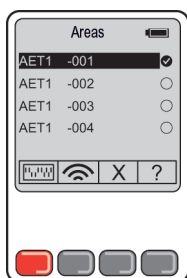
Case 2: using the configuration tool

Turn on the configuration tool by pressing the OK button.

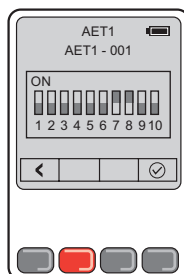


- 1 Select the **Areas** line on the Main Menu
- 2 Click on the **right arrow**

A list of zones is displayed with the number of attached units.



- 3 Select the emergency lighting unit to be addressed
- 4 Click on



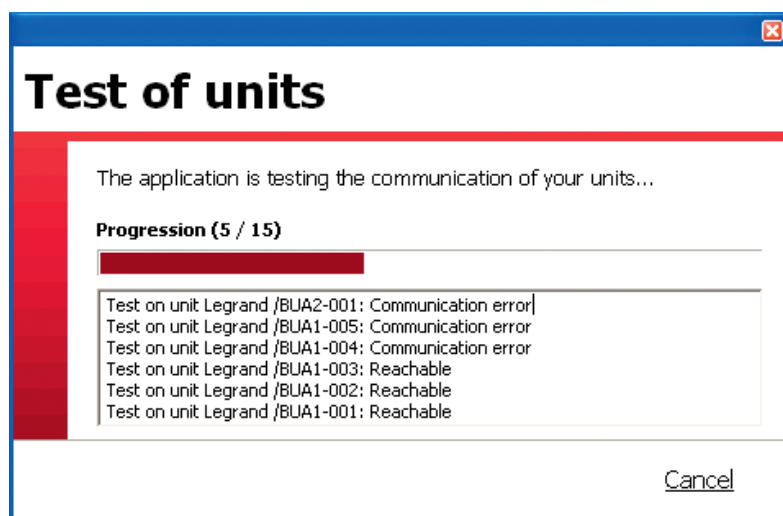
The position of the micro-switch will appear
Once the emergency lighting unit is addressed, click on

8 - Testing units

Once the units are addressed, you can check whether each unit is in communication with the interface in the Block List tab.

- 1 Click on **Test my units**
- 2 Select the interface for this test

The test will start



The results of the test are displayed against each unit.

OK: communication is possible between the interface and the unit.

Communication error: communication between the interface and the unit is impossible.

Configuration software presentation (continued)

9 - Managing alarms

There are two types of alarm for each interface:

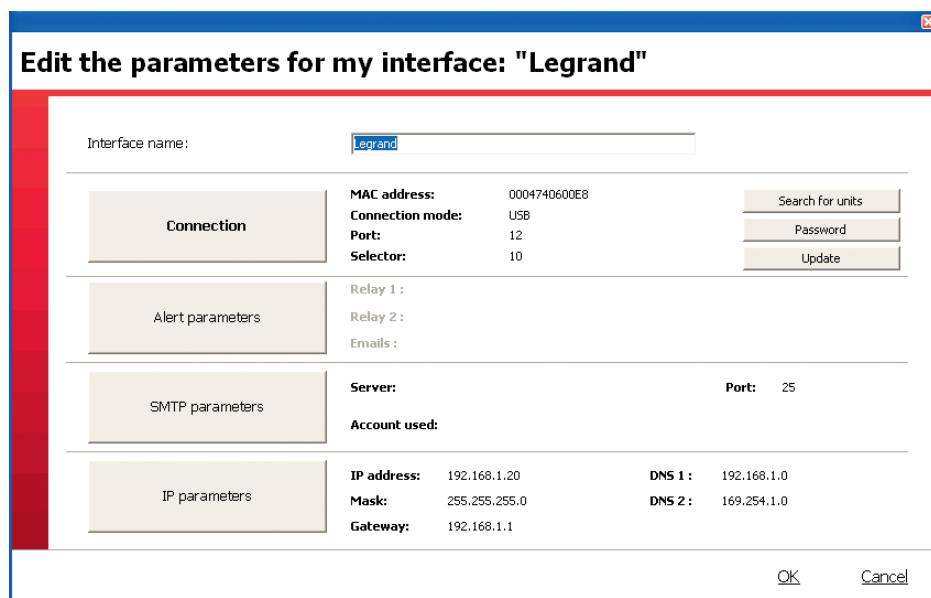
- two alarms, relay 1 and 2: triggering a relay on configurable fault levels.
- one e-mail alarm.

Configuring alarm relays

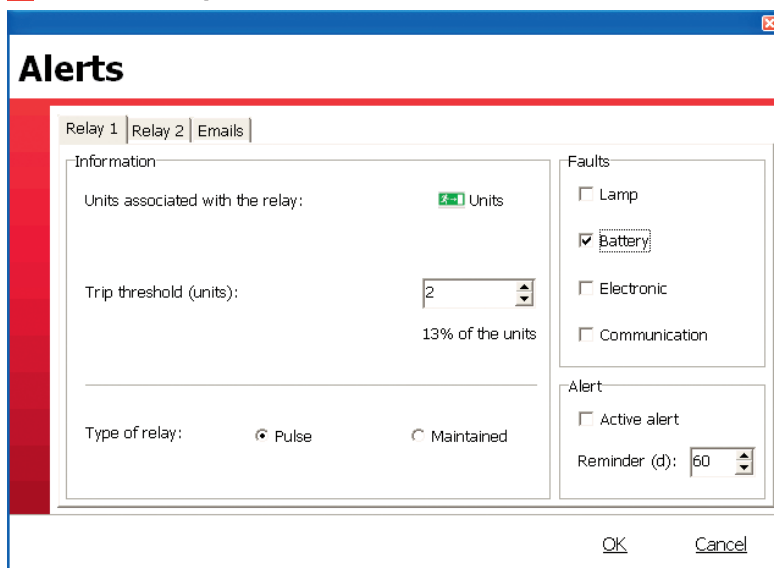
Used to configure alarm relays 1 and 2 to be warned of installation faults.

- 1 Click on the tab **Interface list**
- 2 Double click on the interface to be configured
- 3 Click on **OK**

A window is displayed.



- 4 Click on **Alert parameters**



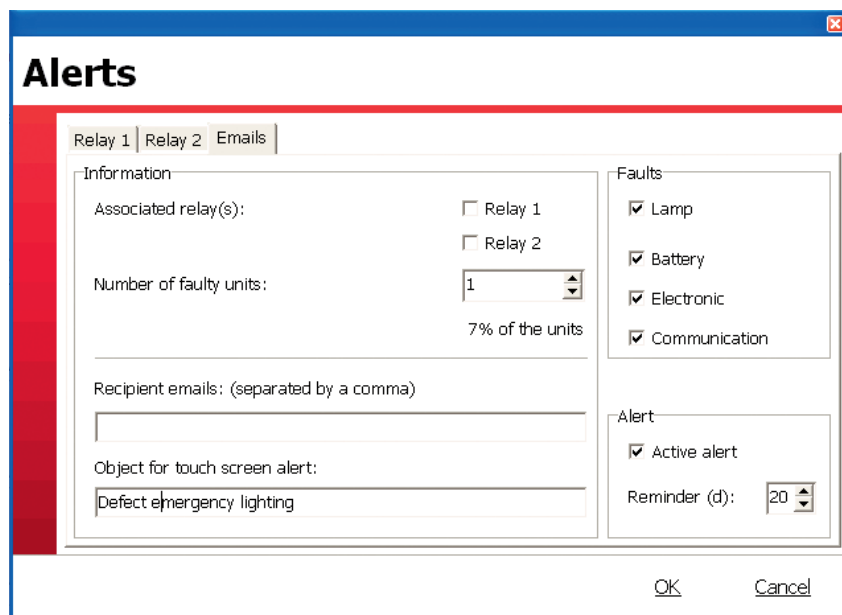
- Select a tab (relay 1 or 2).
- Define the units concerned by your alarm.
- Define the fault % that will trigger an alarm.
- Define the elements to be considered as "Faults".
- Choose the fault relay switching type:
 - Pulse: the relay is switched to the fault position for 1 sec and is then repeated with a frequency configurable with the repeat button.
 - Maintained: the relay is held in the fault position until the fault is cleared or disappears.
- Activate your alarm.
- Repeat the operation for the second relay.

- 5 Click on **OK**

9 - Managing alarms (continued)

Configuration of e-mail alerts

- Select the **E-mails** tab.



- Select the relays for which you wish an alarm e-mail to be sent at the same time as it is triggered.
- Define the number of units and the associated faults for an alarm only by e-mail.
- Enter the e-mail addresses these alarms should be sent to (4 maximum).
- Define the name of these alarms in the field "Subject for touch screen alarm".
- Activate your alarm (check-box).



The name chosen will be the subject of all the alarm e-mails sent by this interface (relay, e-mail, touch screen).

Configuration software presentation (continued)

10 - Managing sending of e-mails

Only valid for IP units.

- 1 Click on the tab Interface list
- 2 Double click on the interface to be configured
- 3 Click on **OK**

A window is displayed.

- 4 Click on **SMTP parameters**

A window is displayed.

- 5 Enter the parameters the interface needs to send e-mails
- 6 Click on **OK**

11 - Access management

Used to configure operation of the interfaces by declaring them on a site and by allocating them one or more users. These configurations are picked up by the touch screens associated with the configured interfaces.

Note:

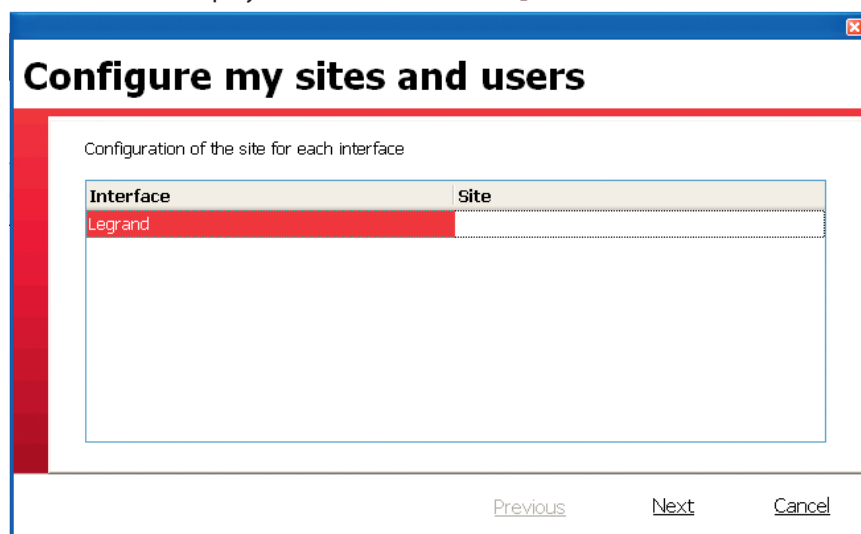
- a site can have one or more interfaces.
- an interface can only be allocated to one site.
- there are two levels of access available for users (levels 1 and 2).



- Level 1:** - see statistics,
 - see units' status,
 - clear alarms,
 - test the units.

Level 2: level 1 + adjustment and configuration of units, servers and sites.

- 1** Click on **Site config.**
 This window is displayed.

Interface	Site
Legrand	

- 2** Enter the site name for each interface
3 Click on **Next**

This window is displayed.

The screenshot shows a window titled "Configure my sites and users". Under the heading "User configuration:", there is a table with three columns: "Name", "Code", and "Level". The first row contains the values "legrand", "****", and "Level 2". Below the table are two buttons: "+ Add" and "- Delete". At the bottom of the window are three buttons: "Previous", "Next", and "Cancel".

Name	Code	Level
legrand	****	Level 2

4 Click on **Add**

5 Enter a name, a code (4 numbers) and a level



The first user must be "level 2".

6 Click on **Next**

This summary window is displayed.

The screenshot shows the same window titled "Configure my sites and users". Under the heading "Association of sites with users:", there are two lists. The left list contains "legrand" and is highlighted with a blue border. The right list is titled "Selected user's level:" and contains "Limoges" with a checked checkbox. At the bottom of the window are three buttons: "Previous", "Save", and "Cancel".

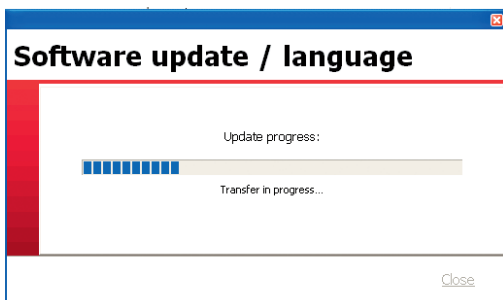
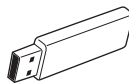
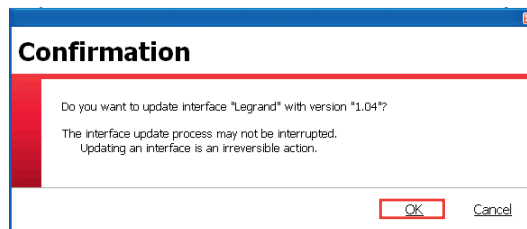
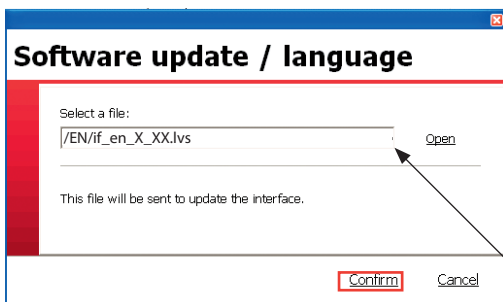
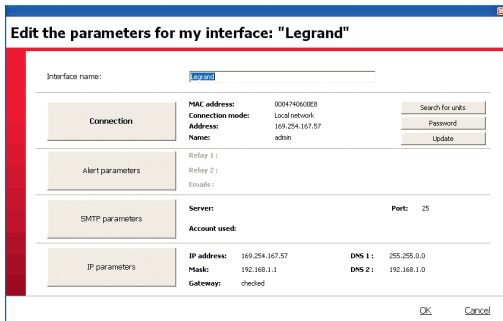
7 Click on **Previous** to enter another user

8 Click on **Save** to save this configuration

9 Close the window using the to end this configuration

Unit operation

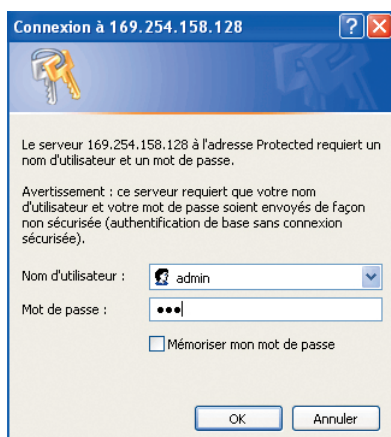
1 - Select the language of the HTML pages



2 - Using an Internet browser

When the interface is on an IP network.

- Open an Internet browser and type the IP address of the interface to connect directly into the address bar.



User name: admin
Password: leg

Unit operation (continued)

Monitoring of all units

Emergency lighting application - Windows Internet Explorer

http://169.254.167.57

Emergency lighting application

Emergency lighting application

LEGRAND

Total unit count 15	Total faulty unit 12
Relay 1 zone status Disabled Details	Relay 2 zone status Disabled Details
Network status Normal	

- BUA1-001- Normal (relay : -, ref : 662160)
- BUA1-002- Normal (relay : -, ref : 661020)
- BUA1-003- Normal (relay : -, ref : 662110)
- BUA1-004- Communication fault (relay : -, ref : 662110)
- BUA1-005- Communication fault (relay : -, ref : 662110)
- BUA2-001- Communication fault (relay : -, ref : 661020)
- BUA2-002- Communication fault (relay : -, ref : 662112)
- BUA2-003- Communication fault (relay : -, ref : 662112)
- BUA2-004- Communication fault (relay : -, ref : 662112)
- BUA2-005- Communication fault (relay : -, ref : 662112)
- BUA3-001- Communication fault (relay : -, ref : 662543)
- BUA3-002- Communication fault (relay : -, ref : 662543)

Faulty units

Emergency lighting application - Windows Internet Explorer

http://169.254.167.57

Emergency lighting application

Emergency lighting application

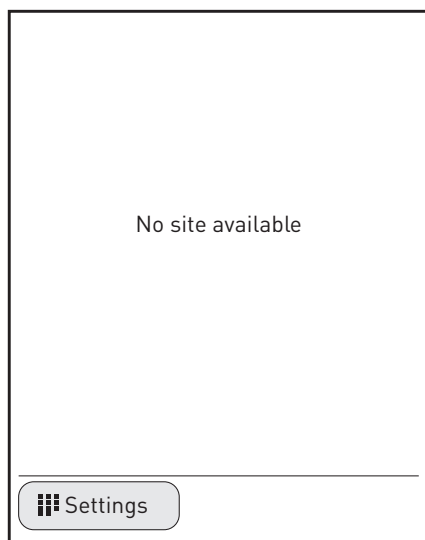
LEGRAND

Total unit count 15	Total faulty unit 12
Relay 1 zone status Disabled Details	Relay 2 zone status Disabled Details
Network status Normal	

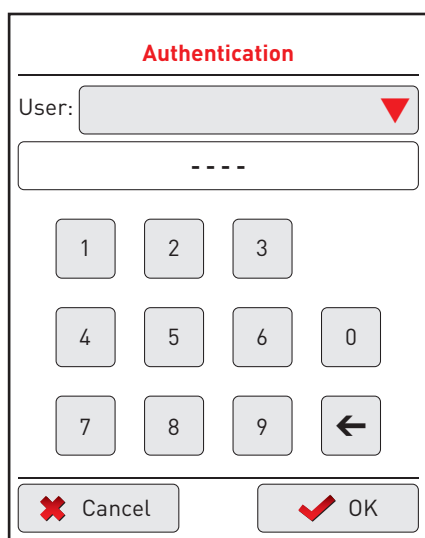
- BUA1-004- Communication fault (relay : -, ref : 662110)
- BUA1-005- Communication fault (relay : -, ref : 662110)
- BUA2-001- Communication fault (relay : -, ref : 661020)
- BUA2-002- Communication fault (relay : -, ref : 662112)
- BUA2-003- Communication fault (relay : -, ref : 662112)
- BUA2-004- Communication fault (relay : -, ref : 662112)
- BUA2-005- Communication fault (relay : -, ref : 662112)
- BUA3-001- Communication fault (relay : -, ref : 662543)
- BUA3-002- Communication fault (relay : -, ref : 662543)
- BUA3-003- Communication fault (relay : -, ref : 662543)
- BUA3-004- Communication fault (relay : -, ref : 662543)
- BUA3-005- Communication fault (relay : -, ref : 662543)

3 - Using the touch screen

Once the installation is wired and powered up, the touch screen is lit.



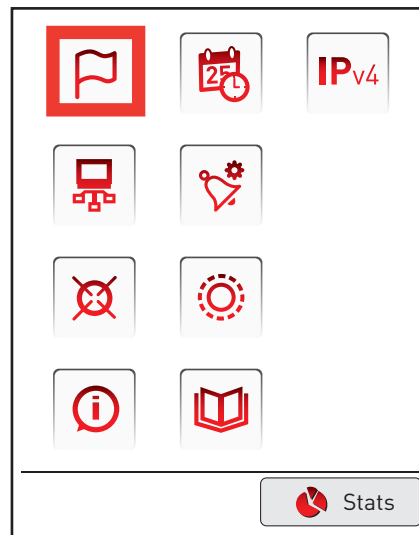
- 1 Click on **Settings**
This screen will be displayed asking for your identification.



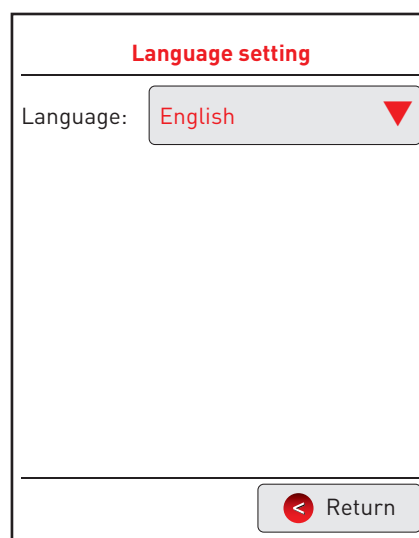
- 2 Click on the red arrow to find the user name "Legrand"
- 3 Enter the 4 digit code: 1234
- 4 Click on **OK**

A screen with the various configuration parameters will be displayed.

1 - Language selection



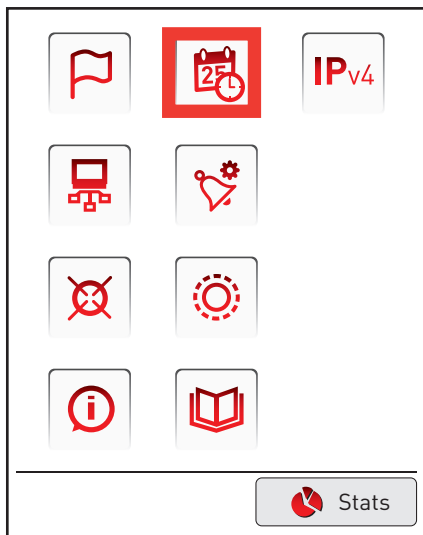
- 1 Click on the icon  to save the software language
This screen will be displayed.



- 2 Click on the red arrow to select a language
- 3 Click on **Return**

Unit operation (continued)

2 - Setting the date and time



1 Click on the icon to set these parameters

This screen will be displayed.



- 2 Click on the + or – buttons to set the day, month and year and the time
- 3 Click on **OK**



The date/time shown on screen does not match the current date/time; it matches the date/timestamp of the latest equipment status reading.

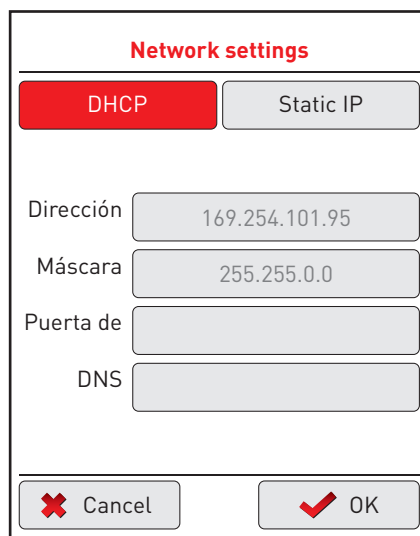
The date/time adjustment will therefore be taken into account and displayed at the next update with the interface, within six hours at the most.

3 - IP Settings



1 Click on the icon to set the IP parameters of the touch screen

This screen will be displayed.



By default, the setting is set to DHCP (DHCP configuration is obligatory in the case of point-to-point connection with a unit). You can also set a fixed IP address by clicking on this tab.

To save the parameters:

- 2 Click on **OK**



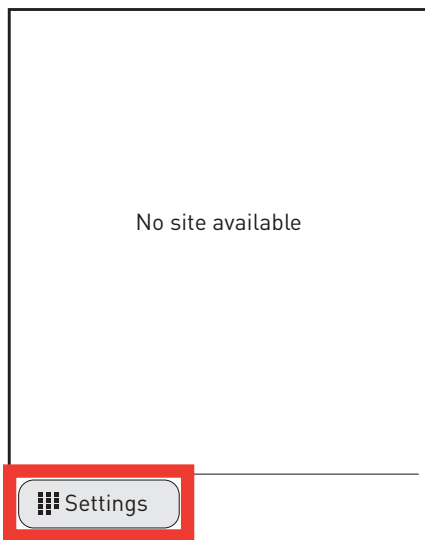
After checking the parameters, the screen will switch off to update the data and switch back on in 30 seconds. You must log in again.

3 - Using the touch screen (continued)

Once the network connection parameters have been saved, the touch screen turns back on.

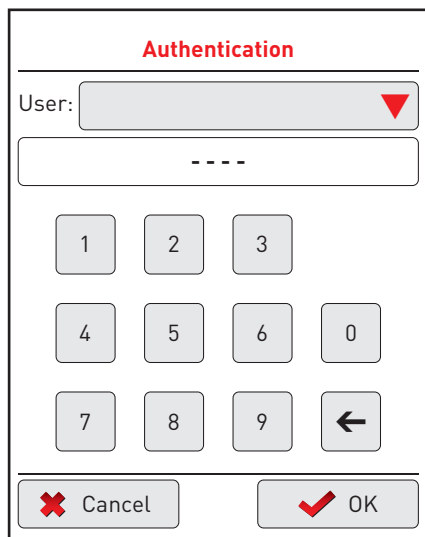


The screen goes into secure mode every 30 seconds so you must systematically reconnect (see p. 34).



1 Click on Settings

This screen will be displayed asking for your identification.



2 Click on the red arrow to find the user name "Legrand"

3 Enter the 4 digit code: 1234

4 Click on **OK**.

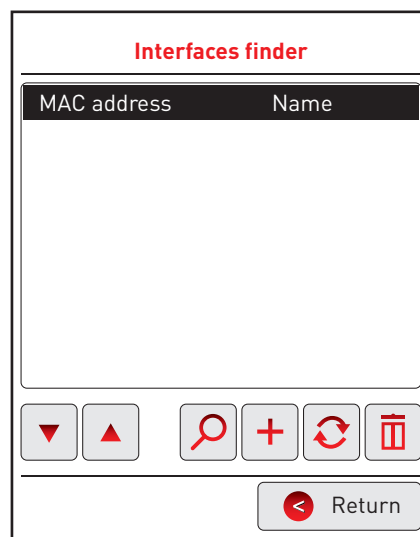
A screen with the various configuration parameters will be displayed.

4 - Query the interface

The touch screen can report incident or failure information from the interface.



1 Click the icon . This screen will be displayed.



If the network allows it or if the connection between the interface and the screen is point-to-point.

2 Click on

The screen will automatically find the interface and display it on the screen.



Unit operation (continued)

4 - Query the interface (continued)

If the network does not allow automatic searches for the interface:

3 Click on

4 Enter the IP address of the interface.

The interface name will be displayed on the screen.

Central Address

1	2	3	.
4	5	6	0
7	8	9	←

✕ Cancel
✓ OK

Icon legend:

- Navigation keys: used to select an interface
- Used to update the installation
- Used to delete an interface

5 - Other functions



- : Screen calibration
- : Adjust screen brightness
- : Screen information
- : System logs

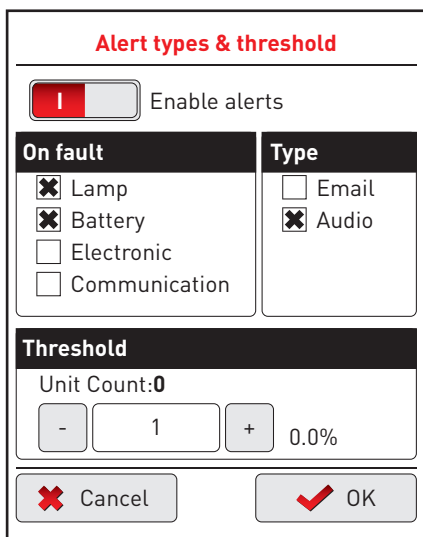
3 - Using the touch screen (continued)

6 - Saving alarms

This step lets you configure the alarms that will be visible and signalled on the touch screen.



1 Click the icon . This screen will be displayed.



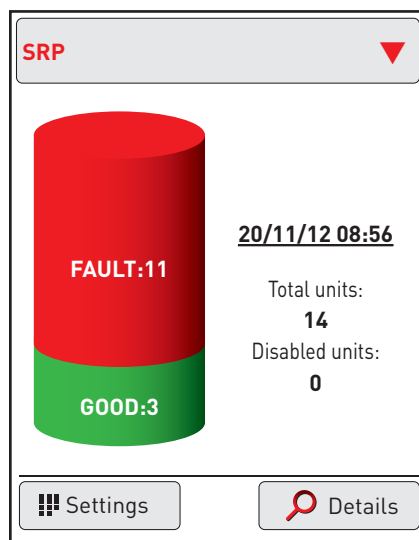
- 2** Select the fault type to be signalled (lamp, battery, electronic or communication)
- 3** Select the alarm type:
 - e-mail: available for Ethernet network
 - audio: beep coming from the touch screen
- 4** Select the threshold of units that will trigger an alarm
- 5** Click on **Enable alerts** to activate this alarm
- 6** Click on **OK**

7 - Displaying alarms

Once the alarms have been configured, the touch screen can display them.



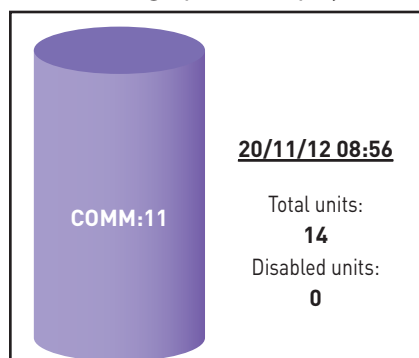
1 Click on . This screen will be displayed.



20/11/2012 08:56
Date/Timestamp of latest status reading. The equipment status information is updated on the screen every 6 hours.

This screen shows the number of units connected to the interface (here, 14 units), the number of faults and an active alarm.

Click on this graphic to display the faults.



This screen shows the number of units connected to the interface (here, 14 units), the number of faults and an active alarm.

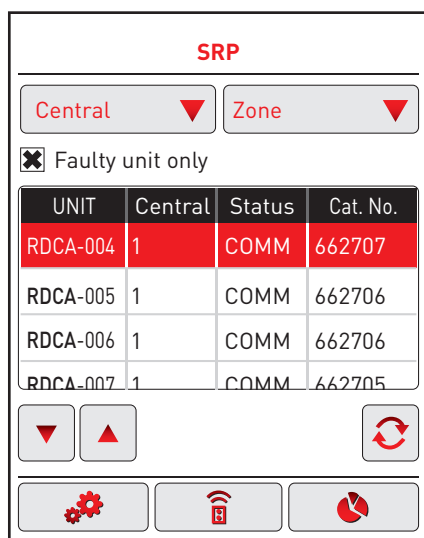
Unit operation (continued)

The distribution of faults is displayed.
For more information about the faults, click on



The touch screen will ask you to identify yourself (see p. 38). Depending on the user level, some functions may not be available.

This screen is displayed (levels 1 and 2).



The details of the faults are shown with the unit name, the associated interface, the fault and the Cat. No. of the associated unit.

It is possible to sort the faults by clicking on the red arrow:
- interface
- zone

To select a unit, use the navigation keys.

From this screen you can modify the state of the units by way of various actions: replacement of a unit, update the status of the unit after repair, add a unit to the installation, force a unit on or off, delete a unit, deactivate a unit.

Replacing a unit (level 2):

1 Select the unit to be replaced using the navigation keys



2 Click the settings icon



3 Click on the 2 arrows:

The address of the unit is displayed along with the position of the switches.

Make a note of them so they can be applied to the new unit.

4 Click on Return

5 Replace the defective unit

Updating a unit's status after repairing a fault (levels 1 and 2):

1 Click on update



The fault is repaired: this unit is no longer shown as having a fault.

Adding a unit to the installation (level 2):

1 Click the settings icon



2 Click the icon



A new screen is displayed.

3 Enter the interface to be associated, the unit's zone and its number

4 Click on OK

Forcing a unit on/off (levels 1 and 2):

1 Click the command icon



2 Select a unit using the navigation keys



Lamp lit icon: turn unit on.

Red lamp icon: turn unit off.

Deactivating a unit (levels 1 and 2):

1 Click the command icon



2 Select a unit using the navigation keys



3 Click the warning icon

Deleting a unit (level 2):

1 Click the settings icon



2 Select a unit using the navigation keys

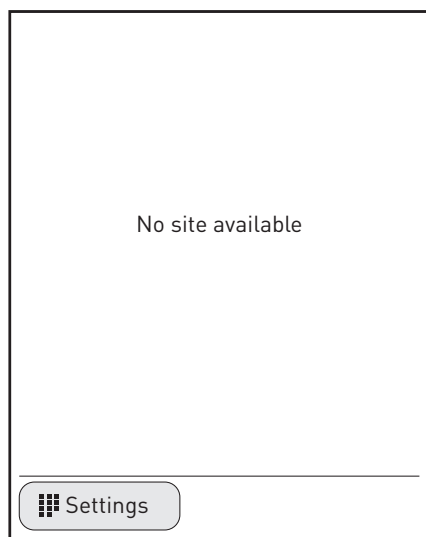


3 Click the warning icon



8 - Display after cutting power to the screen

In the event of a power cut, the screen displays the following message when power is restored:



The display returns to unit operation mode:

- automatically six hours after power is restored.
- manually when an interface search is launched (see page 41).



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