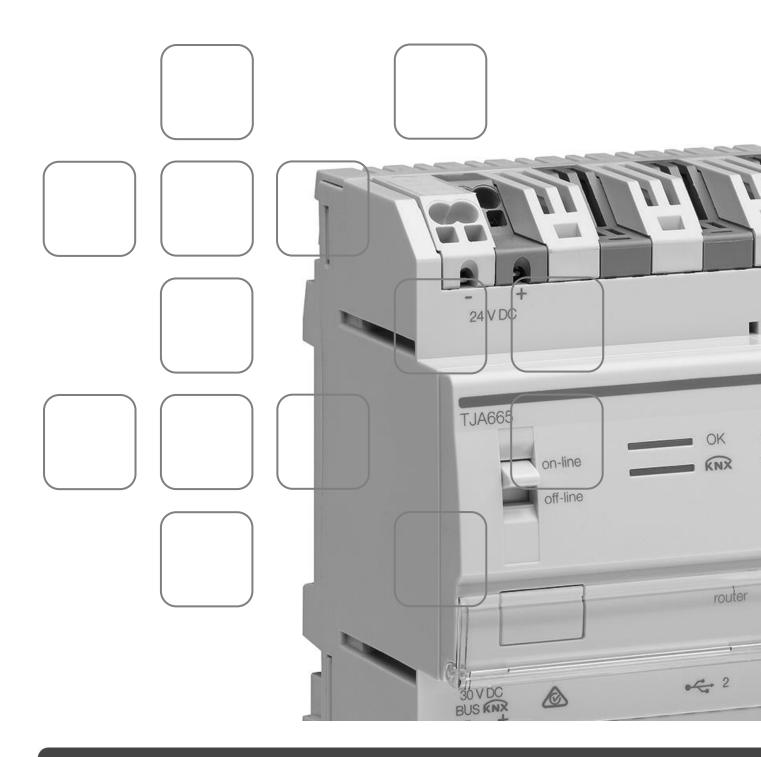


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TXA100 Configuration tool Installer manual



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1. INTRODUCTION

1.1 PURPOSE OF THE DOCUMENT

The descriptions provided in this manual are intended to familiarise the installer with the configuration tool supplied by Hager.

The procedures set out in this manual are intended to help the installer in the installation of the KNX configuration system, using the configuration tool.

Name and reference of the products:

- TXA100: Configuration tool
- TJA665: Configuration server

1.2 GENERAL INFORMATION ON KNX INSTALLATIONS

A KNX installation is an electrical installation through which the products communicate, via a wired or radio bus, to send or receive commands.

A KNX installation has different types of products that can be categorised:

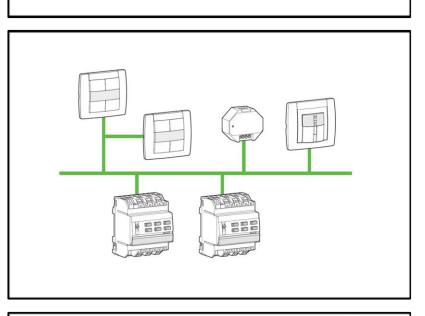
- According to their connection with the KNX bus:
 - \circ $\;$ Wired products: they are linked to the KNX bus by a cable that meets KNX specifications.
 - Radio products: they are linked to the bus by a radio connection that meets KNX radio specifications. The radio communication can be:
 - a) Unidirectional: products that are transmitters only.
 - b) Bidirectional: products are both transmitters and receivers.
- According to their function in the installation
 - Input products: they transmit the commands (push-buttons, switches, presence detector, etc.). An input product can have several input channels: push-buttons with several keys, etc.
 - Output products: they receive commands and operate the connected applications (lighting, roller shutters, etc.). An output product can have several output channels: lighting output module with 6 channels to manage 6 lighting circuits, etc.
 - Systems products: they are necessary to the correct operation of the installation: bus power supply, wired bus/radio bus media coupler, etc.

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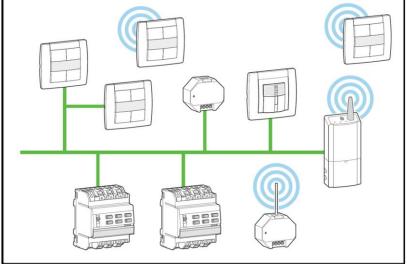
A KNX installation can be:

- Entirely radio: all products (unidirectional or bidirectional) in the installation communicate through radio waves.

- Entirely wired: all products in the installation communicate through the KNX cable.



- Mixed: the installation has both radio products and wired products:



In a mixed installation, it is essential to install a media coupler. This media coupler allows communication between the wired products and radio products.

2. GENERAL INTRODUCTION

2.1 CONFIGURATION AND MANAGEMENT OF KNX INSTALLATIONS

In a KNX installation, after having assembled and connected all of the products in the installation, you must then proceed with its configuration. This configuration is carried out using a tool: the TXA100.

Configuring a KNX installation consists of:

- Identifying and labelling products present in the installation: push-buttons, lighting output modules, etc.
- Assigning a function to each input, for example, for a push-button: switch on a light, raise a roller shutter, switch the heating on in Comfort mode, etc.
- Creating links between the inputs and outputs to define which inputs control which outputs. It is also possible to set it up so that one input commands several outputs and to perform commands for the group or for the scene.

The configuration must then be backed up in file form (called the project file) on an external memory device such as a USB key or a PC.

2.2 INTRODUCTION TO THE TXA100 CONFIGURATION TOOL

2.2.1 CONTENTS OF THE CASE



It is delivered in a case, which contains:

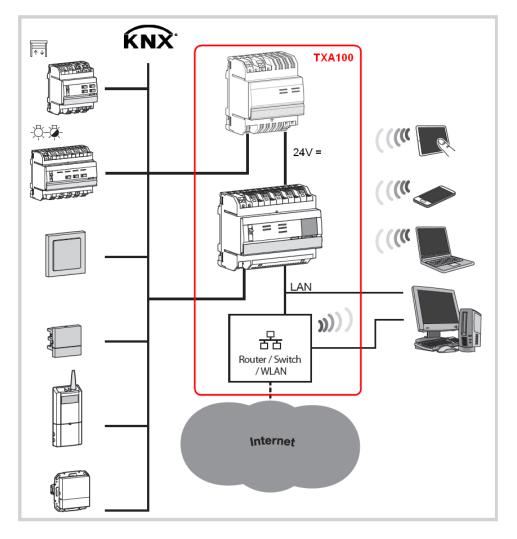
- a TJA665 configuration server
- a TXA114 KNX bus and 24 V= power supply
- a WIFI router
- a RJ45 Ethernet connection cable

2.2.2 OVERVIEW

The configuration tool is made up of:

- A configuration server: The configuration server is a central unit with a programme that enables configuration of the installation. It has a KNX connection and an ETHERNET connection.
- A WIFI router: The WIFI router enables the connection between the configuration server and the user interfaces (PC, tablets, Smartphones, etc.).
- A KNX bus and 24 V= power supply: The power supply provides a 24 V= current for the configuration server and 30 V for the KNX bus if necessary.

The following diagram sets out the hardware architecture of an installation with the configuration tool:



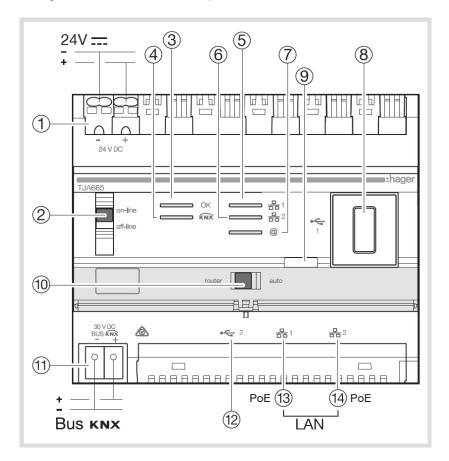
The system is based on two different networks:

- The KNX network (cable, radio or mixed) on which all KNX sensors, actuators, switches, etc. are installed,
- The Ethernet network where all of the IP customers are connected to the LAN (local area network): PC, tablets, Smartphones, etc.

2.2.3 THE CONFIGURATION SERVER

The TJA665 is a KNX product configuration server for easy mode. It enables configuration of all Hager and Berker products that have an integrated easy mode. The product connects:

- the KNX bus through the connector (1);
- the local IP network through one of the two Ethernet ports (13) or (14).



The product is fitted with configuration software for KNX products. The software operates by connecting to web browsers installed on tablets, Smartphones and PCs. OS compatibility: iOS 8, Android 4.4, Windows 8.1 Browser compatibility: IE11, Chrome 25, Eirofex 27

Browser compatibility: IE11, Chrome 35, Firefox 37.

The following table summarises what each LED means

LED function	LED ref	LED colour	Description	
Power	3	Off	Product not supplied	
		Flashing green	Product start-up phase	
		Steady green	Product is on	
		Flashing red	Product is supplied by the power reserve	
		Steady red	OS loading error	
KNX	4	Off	Product is supplied by the power reserve	
		Flashing green	Connected to the KNX bus - traffic bus	
		Steady green	Connected to the KNX bus - no traffic bus	
		Steady red	No connection to the KNX bus	
Ethernet 1 and 2	et 1 and Sands	Off	No network (or operating on the power reserve)	
		Flashing green	No DHCP server detected; operation through the fallback IP detection	
		Steady green	Network detected and IP detection allocated	
		Steady red	Conflicting IP detection	
		Flashing red	Awaiting IP detection allocation	
Portal	0	Off	No connection to the Hager portal	
		Flashing green	Tentative connection to the Hager portal	
		Steady green	Connection to the Hager portal established	
		Steady red	Hager portal not accessible or connection rejected	
Bus current is present	9	Steady red	Check the bus voltage by pressing the push- button (9). If the red LED is on, the KNX bus is present.	

2.2.4 UPDATE TO THE SOFTWARE VERSION OF THE CONFIGURATION SERVER

> Note:

The software version of the configuration server must be updated before using for the first time.

There are 2 ways to update:

Automatic

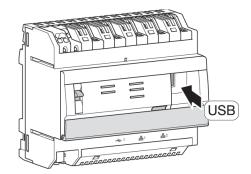
Connect the configuration tool to an Internet router. It automatically connects to the network and remote server to perform the update (see chapter 9.2.2 for the configuration of the automatic update).

- Manually

The update file is available from the Hager site.

To update the configuration server software version:

- o Insert a blank USB key.
- Copy the update file to the USB key
- Insert the USB key into one of the configuration server's USB ports. The "OK" LED flashes for approximately one minute then remains steady.



• Remove the USB key.

The server is updated with the new software version.

2.2.5 AUTO/ROUTER OPERATION

The switch ${\scriptstyle\textcircled{0}}$ selects the operation mode for the Ethernet network.

Switches		Behaviour of the Ethernet ports					
SEL	СОМ	Ethernet port 1	Ethernet port 2	Hager portal	KNX bus		
Auto	on-line	This relates to the normal o configuration server is com The 2 ports are interchangeat DHCP or through a fixed IP. - For DHCP customers (factor TJA665 expects an IP detection server connected to a network no address has been allocate goes to the fallback address: - For fixed IP detection, the set account the parameters define Internet" tab in the configurato - Interface IP detection - Subnet mask - Default gateway address Attention: Even if there is an I network (other equipment that detection), the module does no the fallback address.	Connected	Connected			
	offline	DHCP customer.	en automatically configured in the cated by a DHCP server after 40 rver automatically goes to the	Disconnected	Disconnected		
Router	on-line		node activates the DHCP server the 2 ports are interchangeable ving parameters: 68.0.253	Connected	Connected		
	offline	This mode is a fallback mode. interchangeable and configure - If an IP detection is not alloc seconds, the configuration set fallback address 192.168.0.25	ed in the DHCP customer. ated by a DHCP server after 40 rver automatically goes to the	Disconnected	Disconnected		

2.2.6 TECHNICAL SPECIFICATIONS

KNX supply	30 V= SELV KNX bus
External safety extra low voltage	24 V = via TGA200 or TXA114 Hager SELV supply or via PoE
Consumption on bus cable	10 mA max - 30 V =
Consumption on auxiliary supply	200 mA max - 24 V=
Typical consumption/Marking on the KNX bus	8 mA
Typical consumption/Marking on the 24 V Ethernet and USB not connected	100 mA
Maximum dissipation (24-V output)	5W
PoE supply consumption	50 mA
Date and time backup duration	Minimum 1 year
Ethernet network communication	2 x 100 / 1000 BaseT
Bus link (1)	0.6 - 0.8 mm²
Supply connection ①	0.75 - 2.5 mm²
Ethernet/IP network jack (13) (14)	2 x RJ45
Operating temperature	0°C —> + 45°C
Storage temperature	- 20°C —> + 70°C
Size	6 x 17.5 mm
USB2 interface (8) (12)	2
Installation mode	DIN rail
Operational height	< 2000 m
Pollution level	2
Surge voltage	4 kV
Protection rating (casing) (sub-faceplate casing)	IP20 IP30
Shock resistance	IK04
Overvoltage category	
Standards	EN 60950-1, EN 50491-3, EN 50491-5-2, IEEE 802.3 at, USB 2.0, Handbook KNX 2.1

3. INSTALLATION

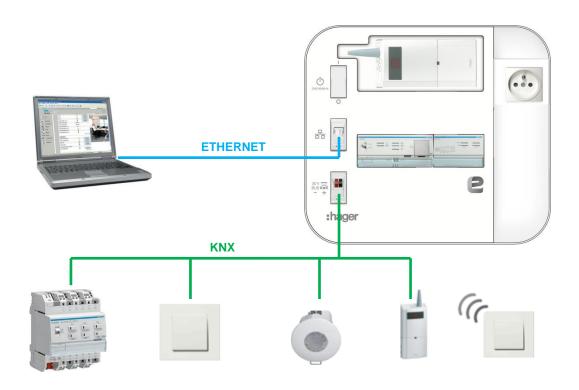
The configuration tool must be linked to the installation in order to be able to define the parameters of a KNX installation.

- Connect the configuration tool to the KNX bus and to the IP network if necessary (see chapter <u>3.1</u>). Choose a place in the centre of the house so that the WIFI signal is sufficient.
- Switch on the configuration tool
- Connect to the configuration server using a user interface (PC, tablets, Smartphones, etc.) (see chapter <u>3.2</u>).
- Check that the configuration tool software is up to date (see chapter 2.2.4).

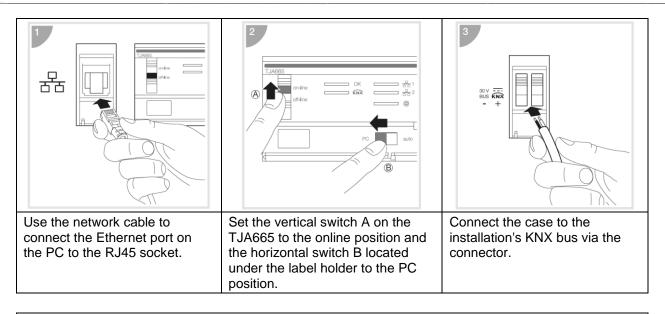
The configuration tool is now ready to configure the installation.

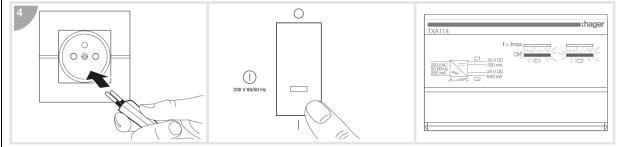
3.1 HARDWARE INSTALLATION

- 3.1.1 ETHERNET WIRED CONNECTION
 - Wiring diagram

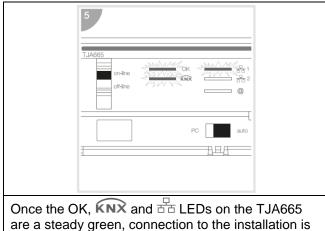


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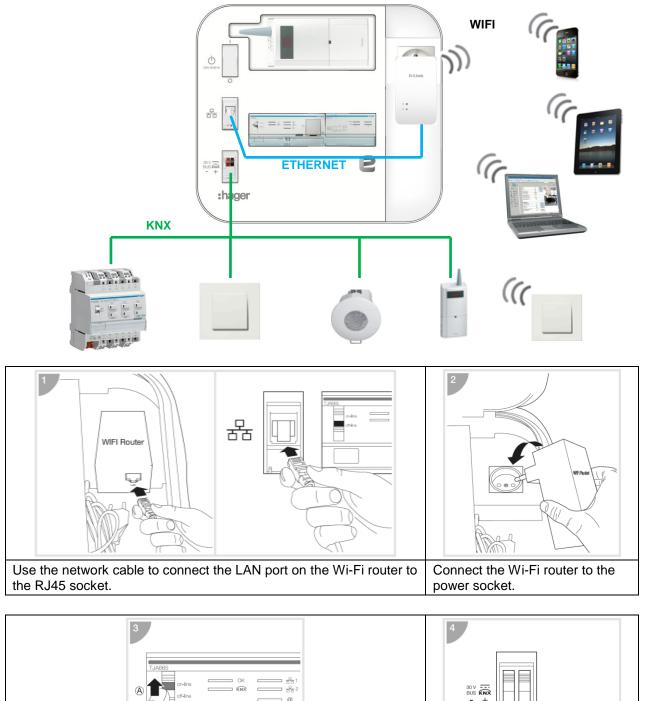
Connect the power cord 1 to a mains supply socket and switch on the case by pressing the switch: the OK, C1 and C2 LEDs on the TXA114 product are a steady green.



possible.

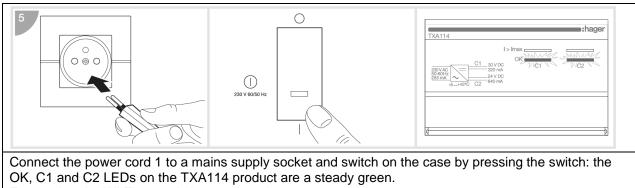
3.1.2 ETHERNET WIFI CONNECTION

Wiring diagram

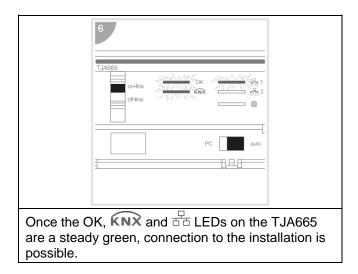


 Set the vertical switch A on the TJA665 to the online position and the horizontal switch B located under the label holder to the auto position.
 Connect the case to the installation's KNX bus via the connector.

TXA100 configuration tool Installer manual



Ensure that the Wi-Fi router is in router mode.



3.2 SOFTWARE INSTALLATION

3.2.1 LAUNCHER INSTALLATION

The launcher is a programme that enables the selection and quick start-up of the configuration tool. This programme is available for IOS, Android and Windows.

- IOS
 - Go to the Apple store
 - Search for the Easy Tool application



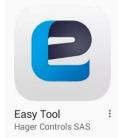
- Select and install the Easy Tool application

An Easy Tool icon appears on the desktop



Android

- Go to the Play store
- Search for the Easy Tool application



- Select and install the Easy Tool application

An Easy Tool icon appears on the desktop



- Windows
 - Retrieve the Easy Tool installation programme (on the website).

- Install the **Easy Tool** application. An **Easy Tool** icon appears on the desktop



> Note:

Installation of the **Easy** Tool program is not obligatory. The configuration server can be connected through a website (see chapter 3.2.3.4).

3.2.2 INSTALLATION WITH AN ETHERNET WIRED CONNECTION

- Open the Easy Tool application

A selection window for the configuration servers appears:

Server selection	
TJA665-F0448B	192.168.0.100
TJA665-F0448B	

- Select the configuration tool server (TXA100)
- Confirm your selection

3.2.3 INSTALLATION WITH A WIFI CONNECTION

3.2.3.1 For IOS

- On your iPad or iPhone, go to the WIFI settings menu.

⊱ Airp	Setting: blane Mode	5	Wi-Fi	
🕞 Airp	olane Mode			
		\bigcirc	Wi-Fi	
🛜 Wi-I	Fi	GO-RTW-N300	✓ GO-RTW-N300	? (i)
🔋 Blue	etooth	Off	CHOOSE A NETWORK	
			HG-Corporate-E	🔒 🗢 🚺
Not	ifications		HG-Guest	∻ (i)
Cor	ntrol Center		HG-Guest-SR	奈 (i)
C Do I	Not Disturb		HG-Mobile-Devices	₽ ╤ (j
Ger	neral	0	Livebox-e78e	° ≎ (Ì
	play & Brightr		RouteurMKT	🔒 🗢 🚺
	llpaper		Other	
Sou	unds		Ask to Join Networks	
Pas	scode		Known networks will be joined automatically. If no known networks are available, you v	vill have to
Priv	acy		manually select a network.	
iClo	bud			

- Select the configuration tool WIFI router.
 Note: To edit the WIFI router SSID address, please refer to chapter <u>3.2.4</u>.
- Open the Easy Tool application

A selection window for the configuration servers appears:

Server selection	<u>(</u>
TJA665-F0448B	192.168.0.100
TJA665-F0448B	

- Select the configuration tool server (TXA100)
- Confirm your selection

3.2.3.2 For Android

- On your Smartphone or tablet, go to the WIFI settings menu.

F F A A F F C		M.	🛜 32% 📕 08:20
🧿 Settings		Scan	Wi-Fi Direct
WIRELESS AND NETWORKS	Wi-Fi		
🥱 Wi-Fi	WI-FI NETWORKS		
Bluetooth	GO-RTW-N300 Connected		((r
🖬 Data usage	RouteurMKT Saved, Secured		
···· More settings	Livebox-e78e Saved, Secured		-
DEVICE	HG-Guest-SR Open		(?
Blocking mode	HG-Corporate-E Secured		-
O Hands-free mode	HG-Mobile-Devices Secured		-
Sound	HG-Guest Open		(?
Display	Demo Herve Open (WPS Available)		-
Storage	Router Netgear Secured (WPS Available)		
Power saving mode	NETGEAR34		-

- Select the configuration tool WIFI router.
 Note: To edit the WIFI router SSID address, please refer to chapter <u>3.2.4</u>.
- Open the Easy Tool application

A selection window for the configuration servers appears:

Server selection	<u>a</u>
TJA665-F0448B	192.168.0.100
TJA665-F0448B	

- Select the configuration tool server (TXA100)
- Confirm your selection

3.2.3.3 For Windows

- Click the WIFI icon on your Windows desktop (on the bottom right)



- Select the configuration tool WIFI router.
 Note: To edit the WIFI router SSID address, please refer to chapter <u>3.2.4</u>.
- Click Connect to confirm your selection.
- Open the Easy Tool application

A selection window for the configuration servers appears:

Server selec	Server selection	
TJA665-F	0448B	192.168.0.100
	TJA665-F0448B	

- Select the configuration tool server (TXA100)
- Confirm your selection

3.2.3.4 With a web browser

Installation of the **Easy** Tool programme is not obligatory. The configuration server can be connected through a web browser (OS compatibility: iOS 8, Android 4.4, Windows 8.1 - Browser compatibility: IE11, Chrome 35, Firefox 37).

To see the IP detection of the configuration server:

- Launch the web browser
- Type in the IP detection to connect to the WIFI router (usually 192.168.0.1 or 192.168.1.1), in order to find the IP detection of the configuration server.
- Search for the IP detection of the configuration server
- Type in the IP detection of the configuration server.

A home page appears on the screen (see chapter 3.3).

3.2.4 MODIFYING THE WIFI ROUTER NAME (SSID)

By default, the WIFI router always has the same SSID name. If there are several WIFI routers in the same radio wave, each one must have a different SSID name.

To modify the SSID name, complete the following steps:

- Launch the web browser
- Type the IP address to go to the WIFI router settings (generally 192.168.0.1 or 192.168.1.1)
- Go to "WIRELESS" or "WIFI" topic
- Enter the new SSID name that you have chosen
- Save the configuration.

After entering it, you must reconnect your Smartphone, tablet or PC with the new SSID name.

Look at the WIFI router instructions for further details.

3.3 FIRST START-UP

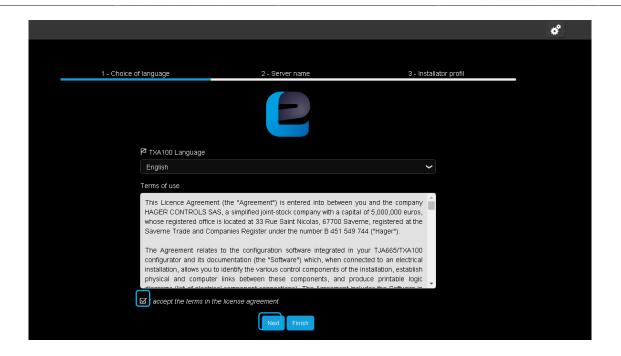
The following screen is displayed after selecting the server and during first use:

				đ
1 - Choice of language	2 - Server name	3 - Instal	llator profil	
	2			
🏼 TXA100 Language				
English		~		
Terms of use				
HAGER CONTROLS whose registered office	ent (the "Agreement") is entered into between AS, a simplified joint-stock company with a capi e is located at 33 Rue Saint Nicolas, 67700 Sav ompanies Register under the number B 451 549	al of 5,000,000 euros, erne, registered at the		
configurator and its c installation, allows you physical and compu	es to the configuration software integrated in ocumentation (the "Software") which, when cor- to identify the various control components of th er links between these components, and p	nected to an electrical e installation, establish oduce printable logic		
I accept the terms in	the license agreement			
	Next Finish			

This procedure is carried out on first start-up to set the configuration server to your profile.

			¢
1 - Choice of language	2 - Server name	3 - Installator profil	
	0		
🛛 TXA100 Language			
English		<u>^</u>	
English			
Français			
Deutsch			
Svenska			
Nederlands			
Português			
Italiano			
Español			
	Next Finish		

- Click to display the languages offered.
- Select the language used in the configuration server menus.



- Accept the licence terms of use.
- Click Next.

			¢
1 - Choice of language	2 - Server name	3 - Installator profil	
🖉 Server name			
TJA665-F044FF			
	Back Next Finish		

By default, the server name corresponds to the product's commercial reference, along with a unique code number assigned in the factory.

To change the server name, edit the relevant field.

• Click Next.

			¢
1 - Choice of language	2 - Server name	3 - Installator profil	_
	2		
1 Installator profil			
Name	Address		
Company			
Phone	Postal Code		
Mobile	City		
Email	Country		
	France	~	

This profile is for the owner of the configuration tool. It will be used when configuration documents are generated to be sent to the owner of the configured installation.

- Complete the Installer profile.
- Click Finish.

Configuration finished	×
The configuration was comp	pleted successfully
Your configuration too	l is operational
You can change these details at any ti	me in the Settings menu 🖨
Cancel	Ok

A "Configuration finished" window is displayed.

Your configuration tool is operational.

• Click **OK** to exit this window.

> Note:	
These modifications can also be made via the configuration menu	

The installations window displays:



This will be the start-up page by default for future connections.

> Note:

The configuration tool allows access for up to two simultaneous connections (2 individual screens). This feature enables 2 users to access the settings at the same time.

4. MY INSTALLATIONS

This section allows you to create a new installation, to select an existing installation or to import a backed up installation. A maximum of 10 installations (or projects) can be stored on a configuration server.

> Note:

It is important that you supply an electrical wiring diagram so that the wiring for the output products can be tracked.

4.1 CREATING A NEW INSTALLATION

				đ
		<u> </u>		
	Open 🖉 Edit	Delete		
Create a new installation Import installation		▲ Date	Memo	
Import installation				

- Click New; a scroll-down list appears.
- Click Create a new installation.

TXA100 configuration tool Installer manual

Create a new installation	×
1 Installation	은 Customer
Name	Name
Installation - 01	
Contract number	Phone
Description	Email
	Address
	Postal Code
	City
Create	Cancel

This profile is for the residence owner. It will be used when configuration documents are generated to be sent to the owner of the configured installation.

- Fill out the information required to create an installation.
- Click Create to finish creation.

		đ
New -	🏳 Open 🥖 Edit 💼 Delete	
Name	▲ Date	Memo
Installation - 01	Friday 26 June 2015 - 15:06	

The created installation is displayed in the configuration server.

- Click do add a memo for tasks to be completed.

The memo lets you enter some comments on the installation.

TXA100 configuration tool Installer manual

For example, you can enter a memo indicating the date of product discovery or the date that the links were completed.

A "Memos" window is displayed.



- Click New

Memos	X
+ New	
New memo	
Save	Cancel

- Write down the remaining tasks to be completed as a reminder.
- Click Save.

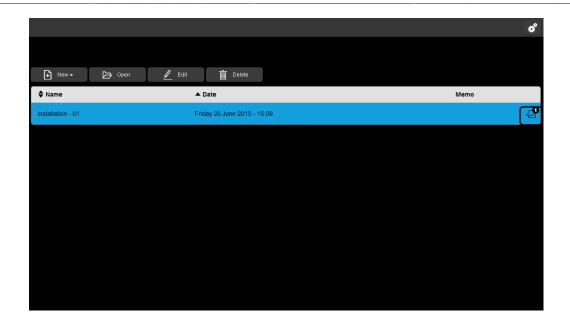
Memos	×
+ New	
New memo	
Save Cancel	
•••••	
Thursday 16 February 2017 - 08:4	0

Once the task is added, the task summary can be found at the bottom with the date and time it was entered.

- Click \times to close the window.

> Note: To delete the memo, click \square .

TXA100 configuration tool Installer manual



A number is allocated to the memo on the installations view.

4.2 IMPORTING DATA

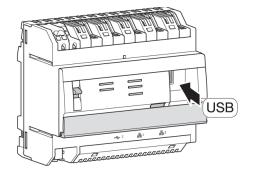
The existing settings can be imported from an installation's export file. There are different import types:

- The old TXA100 installation to be resumed or completed
- Installation carried out with a TX100 tool.

Importing can be performed from a tablet or Smartphone by connecting a USB key to the configuration server, or from a PC.

4.2.1 FROM A TABLET OR SMARTPHONE

- Insert the USB key containing the backed up file of settings into one of the configuration server's USB ports.



New - Create a new installation Import installation - 01 Friday 26 June 2015 - 15:06
Create a new installation Import installation Memo
Import installation Memo
Installation - 01 Friday 26 June 2015 - 15:06

- Click **New**; a scroll-down list appears.
- Click Import installation.

An "Import installation" window appears:

mport installation			>
Name	🖨 Туре	Date	
Installation - 01.txa	txa	Friday 03 July 2015 - 10:50	
	Import	Cancel	

A list of backed up settings appears:

- Select the backed up setting file to import.

> Note:				
The installation to import is in	n ".txa" (TXA100	file) or ".	txh " (TX100 file) forr	nat.
	Import installation			×
	♦ Name	🖨 Туре	🖨 Date	
	Installation - 01.txa	txa	Friday 03 July 2015 - 10:50	
	Impo	rt	Cancel	

- Once the file is selected, click **Import**.
- When import is finished, remove the USB key.

4.2.2 FROM A PC

		e
	Open 🦉 Edit 前 Delete	
Create a new installation Import installation	▲ Date	Memo
Installation - 01	Friday 26 June 2015 - 15:06	2

- Click **New**; a scroll-down list appears.
- Click Import installation.

An "Import installation" window appears:

	×		
	Browse		
Cancel			
	Cancel		

- Click **Browse** to select the installation file to import.

A window appears:

Ouvrir								? 🗙
Regarder dans :	C ANGLAIS		*	G	Ø	ø	•	
Mes documents récents	च Installation - 01.txa च Installation - 01.txh							
Bureau Bureau Mes documents								
Poste de travail	Nom du fichier :						~	Ouvrir
Favoris réseau	Fichiers de type :	Fichiers personnalisés			_		*	Annuler

- Select the desired installation file and click **Open.**

> Note:	
The installation to import is in ".txa" (TXA100 file) or " .txh " (TX100 file) format.

Import installation				
Installation - 01.txa				
	Browse			
Import	Cancel			

Once the file is selected, click Import.

4.3 OPENING AN INSTALLATION

Several projects can be stored in the configuration server.

		\$
+ New -	🕞 Open 🖉 Edit 📺 Delete	
븆 Name	▲ Date	Memo
Installation - 10	Friday 26 June 2015 - 16:25	a
Installation - 09	Friday 26 June 2015 - 16:25	된
Installation - 08	Friday 26 June 2015 - 16:25	2
Installation - 07	Friday 26 June 2015 - 16:25	也
Installation - 06	Friday 26 June 2015 - 16:25	Ð
Installation - 05	Friday 26 June 2015 - 16:25	4
Installation - 04	Friday 26 June 2015 - 16:25	4
Installation - 03	Friday 26 June 2015 - 16:25	4
Installation - 02	Friday 26 June 2015 - 16:24	ව
installation - 01	Friday 26 June 2015 - 15:09	- P

- Select a project and click on the desired tabs:
 - Open: The installation setting can be accessed from here. This allows you to view, configure and modify an installation.
 - Edit: Information on the installation can be modified from here. This profile is for the residence owner. It will be used when configuration documents are generated to be sent to the owner of the configured installation.
 - ✓ Delete: Back up of an installation's settings is deleted from the configuration server's internal memory.

> Note:

A maximum of 10 installations (or projects) can be stored on a configuration server. It is therefore important to regularly back up installations to an exterior back-up support (see chapter <u>8.4.1</u>).

4.4 EDITING AN INSTALLATION

Information on the installation can be modified from here. This profile is for the residence owner. It will be used when configuration documents are generated to be sent to the owner of the configured installation.

		¢
+ New -	🔁 Open 🖉 Edit 📺 Delete	
A 11		
🖨 Name	▲ Date	Memo
The Name Installation - 01	▲ Date Friday 26 June 2015 - 15:09	Memo

To modify an existing installation, click Edit.

An "Installation modification" window opens:

Edit installation		×
	<u></u> Customer	
Name	Name	
Installation-01		
Create date	Phone	
Monday 30 November 2015 - 14:33		
Modification date	Email	
Thursday 03 March 2016 - 15:32		
Contract number	Address	
Description		
	Postal Code	
	City	
Save	Cancel	

- Modify the desired fields.
- Click Save to save the data.

5. PRODUCT SEARCH

This section allows you to index all products connected to the KNX network and known by the configuration tool.

5.1 ANALYSING THE INSTALLATION TO FIND CURRENT PRODUCTS

There are 2 methods for searching for products:

- In a new installation: a window to scan products appears, as no product is present in the installation.
- In an existing installation: for scanning products added to the installation.

5.1.1 NEW INSTALLATION

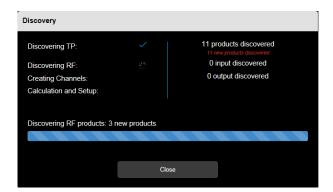
Information			×
	No product is prese	ent in the installation	
	Discovery	Close	

- Click Start discovery to search for different products in an installation.

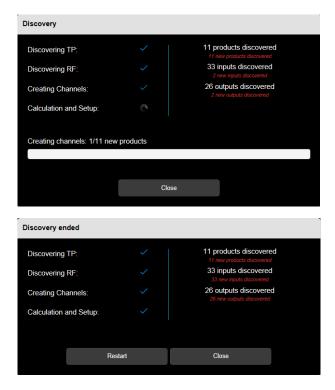
The following windows are displayed:

Discovery						
Discovering TP:			roducts discovered			
Discovering RF:			input discovered			
Creating Channels:		0 0	output discovered			
Calculation and Setup:						
Discovering TP products: 8 new products						
Addressing TP products: 0/8	new products					
	C	ose				

The configuration tool is searching for different TP products.



If the configuration tool or installation has a TR131 media coupler, a search for the different RF products will be completed.



The configuration tool has found different products.

It is currently searching for inputs and outputs associated with the product.

The window shows a certain number of products detected as well as the number of associated inputs and outputs.

	🚹 Detail	Products	Channels	O Location		•) *
KNX ((RF)) Installation - 01			iscovery		Visualization	🔏 Localizati	on 👻
Search Q	All references		~			0	Reset
🗇 10 Products							
TRC270 - 2 - Socket ON / OFF TRC270 - Lighting - House						((RF))	►
TRM702A - 1 - 2 flush mounted inputs TRM702A - House						((RF))	►
TXA610 - 1 - Output 10 -fold TXA610 - Lighting - House							►
TXA624C - 1 - Output device for 4 shutters/ TXA624C - Shutter - House	blinds 230V~						►
TXA663A - 1 - 3-fold dimming actuator 300 TXA663A - Dimming - House	N, universal						►
TXB692F - 1 - 2-fold switch actuator 6A 230 TXB692F - Lighting - House	IV AC + 2 inputs, embedd	led					►
TXE530 - 1 - GPS Weather station TXE530 - Shutter - House							►
WST302 - 1 - Systo/Essensya push-button WST302 - Heating/Cooling, Shutter - House							►

At the end of the search, the configuration tool displays the list of products found.

5.1.2 EXISTING INSTALLATION

	Detail	Products	Channels	O Location		•	8
KNX ((RF)) Installation - 01		Ø D	iscovery		S Visualization	🔏 Loca	alization 👻
() Search Q	All references		~				Q Reset
10 Products							
TRC270 - 2 - Socket ON / OFF TRC270 - Lighting - House						((RF))	►
TRM702A - 1 - 2 flush mounted inputs TRM702A - House						((RF))	►
TXA610 - 1 - Output 10 -fold TXA610 - Lighting - House							►
TXA624C - 1 - Output device for 4 shutters/b TXA624C - Shutter - House	linds 230V~						►
TXA663A - 1 - 3-fold dimming actuator 300W TXA663A - Dimming - House	/, universal						►
TXB692F - 1 - 2-fold switch actuator 6A 230 TXB692F - Lighting - House	/ AC + 2 inputs, embede	ded					►
TXE530 - 1 - GPS Weather station TXE530 - Shutter - House							►
WST302 - 1 - Systo/Essensya push-button K WST302 - Heating/Cooling, Shutter - House	NX 2gang						Þ

- Click on the **Products** tab.
- Click Start discovery to detect products added to the installation.

The following window appears:

Discovery en	ded		
Discovering	ГР: 🗸	11 products discovered 11 new products discovered	
Discovering	RF: 🗸	33 inputs discovered 33 new inputs discovered	
Creating Cha	nnels: 🗸	26 outputs discovered	
Calculation a	nd Setup:		
	Restart	Close	

The red window shows a certain number of new products detected as well as the number of associated inputs and outputs.

Once the installation is discovered, click Close.

> Note:

Only products with their factory settings can be discovered.

For a product that has already been set in a previous installation, return the product to its factory settings if

5.2 INDICATORS OF KNX AND RF CONNECTION

Symbols enable continuous monitoring of the status of the KNX TP or RF bus.

nstallations	Detail	Products	Schannels	O Location
RNX ((RF)) Installation - 01			iscovery	
() Search	All references		~	
10 Products				
TRC270 - 2 - Socket ON / OFF TRC270 - Lighting - House				

KNX	The TXA100 configuration tool is properly connected to the KNX bus
KNX	The TXA100 configuration tool is not connected to the correct bus or is in Offline mode
KNX	The TXA100 configuration tool is not properly connected to the KNX bus

((RF))	The media coupler is correctly connected
((RF))	The media coupler was detected but was not connected to the project or the TXA100 configuration tool is in Offline mode
((RF))	The media coupler for the project cannot connect to the TXA100 configuration tool

5.3 DEFINING THE RESIDENCE STRUCTURE

The residence structure enables configuration of different rooms present in the installation.

This step will subsequently allow you to assign a product or a channel to a room for an ergonomic perspective. These allocations may also be exported to Domovea where they will be recovered. A structure is offered by default but can be modified as needed.

S Installations	Detail	Products	🗐 Channels	O Location		•	6
KNX ((RF)) Installation - 01			_			localiz	ration -
🕂 Add 🖉 Edit	Remove		Products	Inputs	C Outputs		
⊘ House			10 Products for	ound of 'House'			
C Basement Garage Basement Boiler room			TRC270 - 2 - Soci TRC270 - Lighting				
Electrical cabinet 1 Garage Laundry			TRM702A - 1 - 2 1 TRM702A - House	flush mounted inputs e			
Pantry Q Floor			TXA610 - 1 - Outp TXA610 - Lighting				
Bath Bedroom 1 Bedroom 2			TXA624C - 1 - Ou TXA624C - Shutte	utput device for 4 shut er - House	tters/blinds 230V~		
Bedroom 3 Electrical cabinet 3 Toilet			TXA663A - 1 - 3-fi TXA663A - Dimm	old dimming actuator ing - House	300W, universal		
Garret Electrical cabinet 4			TXB692F - 1 - 2-fe TXB692F - Lightir		A 230V AC + 2 inputs,	embedded	
Ground floor Bath			TXE530 - 1 - GPS TXE530 - Shutter				
Dining Electrical cabinet 2 Kitchen I ivinn			WST302 - 1 - Sys WST302 - Heating	to/Essensya push-bu g/Cooling - House	tton KNX 2gang		

5.3.1 MODIFYING THE RESIDENCE STRUCTURE

- Click the Location tab to see the architecture.
- The **Add** button enables creation of a room.

for Installations	Detail	Products	Ghannels	O Location		- E	*
(RF) Installation - 01						Localization	•
🕂 Add 🖉 Edit 📋	Remove		Products	Inputs	Coutputs		
House Basement Garage			🗇 0 Product four	nd of 'Basement Ga	rage'		
Basement							
Boiler room							
Electrical cabinet 1							
Garage Laundry							
Pantry							
C Floor							
Bath							
Bedroom 1							
Bedroom 2							
Bedroom 3							
Electrical cabinet 3							
Toilet							
Garret							
Electrical cabinet 4							
Ground floor							
Bath							
Dining							
Electrical cabinet 2 Kitchen							
Living							

- Select the level at which a room must be added. This level determines the addition of a step, a room or part of a room. A maximum of 4 levels can be set.

- Click Add; a "Create a new location" window appears:



- Add the name of the new room and click Create.

The Edit button allows you to modify the name of a room that has already been created.

	Detail	Products	Ghannels	O Location			*
KNX ((RF)) Installation - 01						Localization	•
+ Add 🖉 Edit	- Remove		Products	Inputs	Outputs		
♥ House □ Basement Garage			O Product four	nd of 'XXX'			
Basement Boiler room Electrical cabinet 1 Garage Laundry Bathy Foor Bath Bedroom 1 Bedroom 1 Bedroom 3 Electrical cabinet 3 Toilet							
Garret							
Electrical cabinet 4							
Bath Dining Electrical cabinet 2. Kitchen Livinn							

- Click Edit.

An "Edit a location" window appears:

Edit a location		×
Name	400	
	Modify Cancel	

- Modify the room name and click **Modify**.

The **Delete** button allows you to delete a room.

	Detail	Products	Schannels	O Location			*
KNX ((RF) Installation - 01						bccalization	-
🕂 Add 🖉 Edit	Remove		Products	Inputs	C Outputs		
			0 Product fou	nd of 'XXX'			
Basement Garage							
Basement Boiler room							
Electrical cabinet 1							
Garage							
Laundry							
Pantry							
C Floor							
LJ Floor Bath							
Bath Bedroom 1							
Bedroom 2							
Bedroom 3							
Electrical cabinet 3							
Toilet							
Garret							
Electrical cabinet 4							
Ground floor							
Bath							
Dining							
Electrical cabinet 2 Kitchen							
Living							

- Select the room to be removed.
- Click Delete.
- A "Remove a location" window appears:

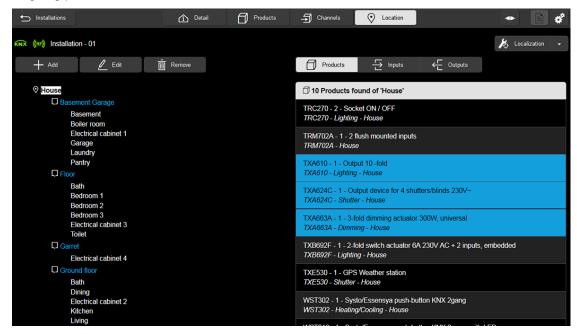
Remove a lo	ocation		
	Are you sure to remo	ove this location: xxx?	
	Yes	No	

- Click **Yes** to confirm deletion.

5.3.2 ASSIGNING THE PRODUCT OR CHANNEL

This section enables a product or channel to be assigned to a room more easily. A Drag and Drop feature allows you to assign a product group or set of inputs and outputs to a given location all at once.

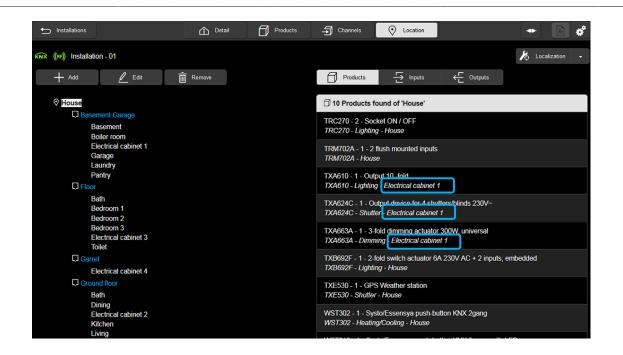
Assigning products



- Click Products.
- Choose which products to assign.

nstallations	Products	T Channels 📀 Location
KNX ((RF)) Installation - 01		🄀 Localization 🕞
🕂 Add 🖉 Edit 🛅 Remove		Products
⊘ House		10 Products found of 'House'
TXA610 - 1 - Output 10 -fold TXA610 - LightHig SPM089 Boiler room		TRC270 - 2 - Socket ON / OFF TRC270 - Lighting - House
TXA624C - 1 - Origiti'advitation 4 shutters/blinds 230V~ TXA624C - Shuttsreybouse Loundry		TRM702A - 1 - 2 flush mounted inputs TRM702A - House
TXA663A - 1 - 3₩ordimming actuator 300W, universal TXA663A⊜Dimming - House		TXA610 - 1 - Output 10 -fold TXA610 - Lighting - House
Bath Bedroom 1 Bedroom 2		TXA624C - 1 - Output device for 4 shutters/blinds 230V~ TXA624C - Shutter - House
Bedroom 3 Electrical cabinet 3 Toilet		TXA663A - 1 - 3-fold dimming actuator 300W, universal TXA663A - Dimming - House
Garret Electrical cabinet 4		TXB692F - 1 - 2-fold switch actuator 6A 230V AC + 2 inputs, embedded TXB692F - Lighting - House
Ground floor Bath		TXE530 - 1 - GPS Weather station TXE530 - Shutter - House
Dining Electrical cabinet 2 Kitchen Living		WST302 - 1 - Systo/Essensya push-button KNX 2gang WST302 - Heating/Cooling - House

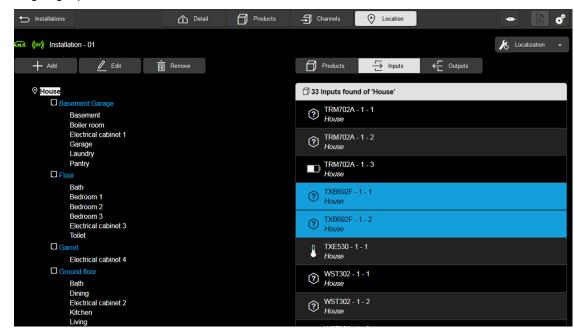
- Drag and Drop them to the chosen location.



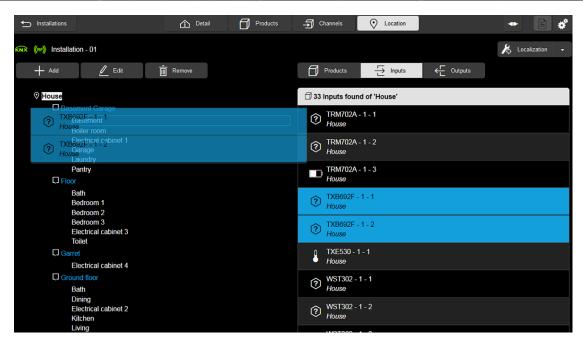
The way the selected products were assigned has been modified.

Note: The way in which the associated inputs and outputs were assigned to the product has also changed.

Assigning inputs



- Click Inputs.
- Choose which inputs to assign.

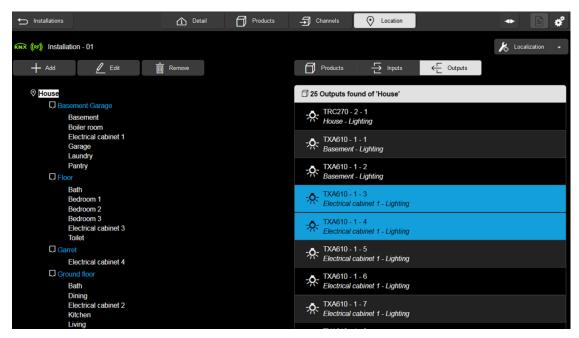


- Drag and Drop them to the chosen location.

	Detail	Products	- Channels	O Location		• •
RNR ((RF)) Installation - 01						Localization -
🕂 Add 🖉 Edit	Remove		Products	Inputs	C Outputs	
♥ House			33 Inputs foun	nd of 'House'		
Basement Garage Basement Boiler room			TRM702A House	- 1 - 1		
Electrical cabinet 1 Garage			TRM702A House	- 1 - 2		
Laundry Pantry Q Floor			TRM702A House	- 1 - 3		
Bath Bedroom 1 Bedroom 2			TXB692F - Basement	-1-1		
Bedroom 3 Electrical cabinet 3 Toilet			? TXB692F - Basement			
Garret Electrical cabinet 4			TXE530 - 1 House	1-1		
Ground floor Bath			WST302 - House	1 - 1		
Dining Electrical cabinet 2 Kitchen			WST302 - House	1-2		
Living			LUCTOR			

The way in which the selected inputs were assigned has changed.

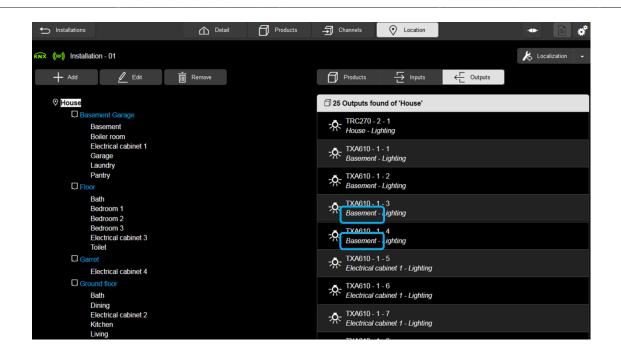
Assigning outputs



- Click Outputs.
- Choose which outputs to assign.

	1 Detail	Products 🗲	Channels	O Location			¢
KNR ((RF)) Installation - 01						Localization	•
🕂 Add 🖉 Edit	Remove		Products	Inputs	← Outputs		
8 House			25 Outputs fou	nd of 'House'			
Sectrical cabinet 1 - Lighting			- TRC270 - 2 House - Lig				
			TXA610 - 1 Basement -				
Laundry Pantry D Floor			-A-TXA610 - 1 Basement -				
Bath Bedroom 1 Bedroom 2			TXA610 - 1 Electrical ca	- 3 abinet 1 - Lighting			
Bedroom 3 Electrical cabinet 3 Toilet				abinet 1 - Lighting			
C Garret Electrical cabinet 4			- TXA610 - 1 Electrical ca	- 5 abinet 1 - Lighting			
Ground floor Bath			- TXA610 - 1 Electrical ca	- 6 abinet 1 - Lighting			
Dining Electrical cabinet 2 Kitchen			-X- TXA610 - 1 Electrical ca	- 7 abinet 1 - Lighting			
Living			- TVA610 1	0			

- Drag and Drop them to the chosen location.



The way in which the selected outputs were assigned has changed.

6. SETTING THE PRODUCTS/CHANNELS

This section allows you to set the different products and channels.

6.1 SETTING THE PRODUCTS

6.1.1 GENERAL FUNCTION

S Installations	Detail	Products	-ภ Channels	O Location	J	• •
KNX ((RF)) Installation - 01			Discovery		Visualization	Localization -
() Search Q	All references		~			Q Reset
🗇 8 Products						
TXA610 - 1 - Output 10 -fold TXA610 - No function						Þ
TXA624C - 1 - Output device for 4 shutters/ TXA624C - No function	olinds 230∨~					►
TXA663A - 1 - Dimmer KNX , 3 x 300W, univ TXA663A - No function	ersal					•
TXB692F - 1 - 1 output for shutter/blinds + 2 TXB692F - No function	! inputs					•
TXE530 - 1 - KNX GPS Weather station TXE530 - No function						•
WST302 - 1 - Systo push-button KNX 2gang WST302 - No function						•
WST316 - 1 - Systo push-button KNX 6gang WST316 - No function	, with LED					•
WST324 - 1 - Systo push-button KNX 4gang WST324 - No function	, with LED and IR					•

- Click the **Products** tab to see the list of indexed products for the installation.
- Click on the desired product to define the different parameters.

The following window appears:

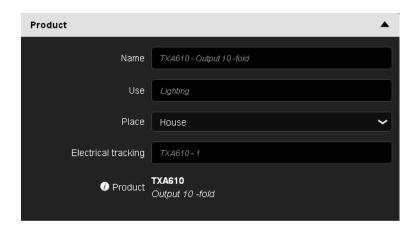
🕤 Products list	Detail Products	-FI	Channels	O Location		•	B	¢
(RF) Installation - 01					Visualization		_ocalization	ı -
Product	•	Ę	10 Outpu	uts				
Parameters	▼	1	- Ņ -	TXA610 - 1 - 1 House - Lighting			Ħ	•
Actions	×	2	-∕¢-	TXA610 - 1 - 2 House - Lighting			11	Þ
			- ^	TXA610 - 1 - 3 House - Lighting			tH1	•
			- <u>Ŗ</u> -	TXA610 - 1 - 4 House - Lighting			Ħ	►
			- ∕ ∴	TXA610 - 1 - 5 House - Lighting			₽	•
			- Ņ -	TXA610 - 1 - 6 House - Lighting			Ħ	•
			- Ņ -	TXA610 - 1 - 7 House - Lighting			₽	•
			- ^ .	TXA610 - 1 - 8 House - Lighting			#1	►
			- Ņ -	TXA610 - 1 - 9 House - Lighting			111	•

On this window, you will find:

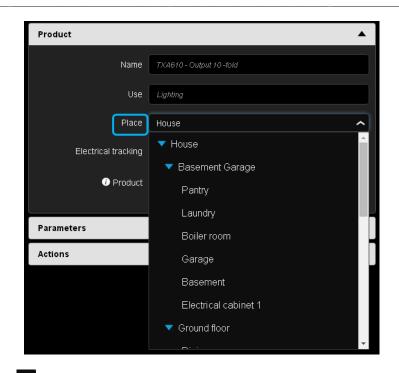
- on the left side the tabs:
 - Product: gathers information related to the product
 - Settings: defines the product's operation
 - **Actions:** allows you to perform specific actions on the product (Restart, Factory reset, etc.)
- on the right side the list of outputs associated with the product.

Products list	Detail	Products	٦ ا	Channels	O Location		•	*
KNX ((RF)) Installation - 01						Visualization	🎉 Localiza	ation 👻
Product			-	0 Outpu	uts			
Name	TXA610 - Output 10 -fold		1	- Ņ -	TXA610 - 1 - 1 House - Lighting		Ħ	≞ ►
Use	Lighting		2	- Ņ -	TXA610 - 1 - 2 House - Lighting		41	≞ ▶
	House	~		- ^ -	TXA610 - 1 - 3 House - Lighting		HI	≞ ►
	TXA610-1 (A610		4	- Ņ -	TXA610 - 1 - 4 House - Lighting		¥	⊧ ►
Product Ou	utput 10 -fold			- ^ -	TXA610 - 1 - 5 House - Lighting		11	⊧ ►
Parameters		•	6	- Ņ -	TXA610 - 1 - 6 House - Lighting		Ŧ	•
Actions		•	7	- ^ -	TXA610 - 1 - 7 House - Lighting		11	⊧ ▶
				- Ņ -	TXA610 - 1 - 8 House - Lighting		¥	•
				- Ņ -	TXA610 - 1 - 9 House - Lighting		¥	≞ ▶_

- Click on • of the **Product** tab to define the information related to the product.



- ✓ **Name**: the selected product can be renamed.
- **Use**: defines the product's use (lighting, shutter, roller-blind, etc.).



Place: Click on to select the place where the product is physically located, depending on the structure previously defined.

Name	TXA610 - Output 10 -fold
Use	Lighting, Shutter
Place	House
Electrical tracking	ТХА610-1
Droduct	TXA610 Output 10 -fold
Parameters	•
Actions	•

- Electrical tracking: Name the electrical tracking according to the wiring diagram. This field contains the name given to the product by default during discovery. It can be modified to bring it in line with the installation wiring plan.
- ✓ i Product: Click "i Product" to display the product's information.

	Product info	ormations	
	Firmware version Serial number	1.0.18 0009400B4C04	
ванторган	Physical address Occupation rate	0.2.3 15%	

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6.1.2 SETTINGS FUNCTION

This section defines the product's operation in its entirety. The settings available depend on the product family and there are quite a few of them.

A detailed definition of the settings for each product is described in the documentation related to the relevant products.

Below is the example of an output product, to define the use of the output channels.

Products list	🚹 Detail 🗍 P	roducts	Ŀ	Channels	s 📀 Location		•	¢
KNR ((RF)) Installation - 01						Visualization	🔏 Localizatio	n 👻
Product		•		10 Outp	uts			
Parameters				- Ŗ -	TXA610 - 1 - 1 House - Lighting		ħt	•
Configuration Channel 1-2 Binary		~	2	- <u>Ņ</u> -	TXA610 - 1 - 2 House - Lighting		11	►
Configuration Channel 3-4 Binary Configuration Channel 5-6 Binary		~	з	- Ņ -	TXA610 - 1 - 3 House - Lighting		Ħ	•
Configuration Channel 7-8 Binary		~	4	- Ņ -	TXA610 - 1 - 4 House - Lighting		Ħ	►
Configuration Channel 9-10 Binary		~	5	- Ŗ -	TXA610 - 1 - 5 House - Lighting		Ħ	•
Actions		•	6	- <u>Ŗ</u> -	TXA610 - 1 - 6 House - Lighting		Ħ	►
			7	- <u>Ŗ</u> -	TXA610 - 1 - 7 House - Lighting		Ħ	►
			8	- <u>Ņ</u> -	TXA610 - 1 - 8 House - Lighting		Ħ	•
			9	- <u>Ņ</u> -	TXA610 - 1 - 9 House - Lighting		#1	•
					TH CAR 4 40			

- Click on in the **Settings** tab to define the different uses of product channels.

Parameters		
Configuration Channel 1-2	Binary	~
Configuration Channel 3-4	Binary	
Configuration Channel 5-6	Shutter	
Configuration Channel 7-8	Binary	~
Configuration Channel 9-10	Binary	~

- Click on to define the function:
 - Binary
 - Shutter

Configuration Channel 1-2 Shutter Configuration Channel 3-4 Binary Binary TXA610 - 1 - 3 Configuration Channel 3-4 Binary Configuration Channel 3-6 Binary Configuration Channel 3-7-8 Shutter Configuration Channel 9-10 Shuter Configuration Chann	zation	🚴 Localiza	S Visualization					🗙 ((RF)) Installation - 01
Configuration Channel 1-2 Shutter 3 TXA610 - 1 - 3 House - Shutter 3 Configuration Channel 3-4 Binary 4 TXA610 - 1 - 4 House - Lightling 3 Configuration Channel 5-6 Binary 4 TXA610 - 1 - 4 House - Lightling 3 Configuration Channel 5-6 Binary 5 TXA610 - 1 - 5 House - Lightling 3 Configuration Channel 7-8 Shutter 5 TXA610 - 1 - 5 House - Lightling 3 Configuration Channel 9-10 Shutter 6 TXA610 - 1 - 6 House - Lightling 3 Actions 7 TXA610 - 1 - 7 5				its	년 7 Outputs	•		Product
Configuration Channel 3-4 Binary 3 House - Lightling 3 Configuration Channel 3-4 Binary 4 TXA610 - 1 - 4 3 Configuration Channel 3-6 Binary 4 TXA610 - 1 - 4 3 Configuration Channel 5-6 Binary 5 TXA610 - 1 - 5 3 Configuration Channel 7-8 Shutter 5 TXA610 - 1 - 5 3 Configuration Channel 9-10 Shutter 6 TXA610 - 1 - 6 3 Actions 7 TXA610 - 1 - 7 5	11	T+				▲)		Parameters
Configuration Channel 5-6 Binary IXA610 - 1 - 4 House - Lighting I Configuration Channel 7-8 Shutter 5 TXA610 - 1 - 5 House - Lighting I Configuration Channel 7-8 Shutter 6 TXA610 - 1 - 6 House - Lighting I Configuration Channel 9-10 Shutter 6 TXA610 - 1 - 6 House - Lighting I Actions 7 TXA610 - 1 - 7 I	ŧ	Ŧ			3 2 2 2	~	Shutter	Configuration Channel 1-2
Configuration Channel 7-8 Binary TXA610 - 1 - 5 TXA610 - 1 - 5 House - Lighting Configuration Channel 9-10 Shutter 6 TXA610 - 1 - 6 House - Lighting 6 Actions 7 TXA610 - 1 - 7 =	₹	Ŧ						
Configuration Channel 9-10 Shutter 6 7 TXA610 - 1 - 6 House - Lighting 4	ŧ	Ŧ		TXA610 - 1 - 5	5			
Actions	1H	Ŧ		TXA610 - 1 - 6	- - • -	~	Shutter	Configuration Channel 9-10
House - Shutter	11	Ŧ			-	•		Actions
9 TXA610-1-9 House-Shutter	ŧ	Ħ						

According to the defined use (Binary/Binary or shutter) in the "Settings" tab, an icon, representing the selected use, appears at each output.

6.1.3 PRODUCT MAINTENANCE

This section allows you to perform precise actions on the product. You can act individually on each product to perform various tasks such as:

- Restart product
- Factory reset
- Replace
- Duplicate
- Download
- Delete links

Products list	Detail Products	Ţ	Channels	s 📀 Location		•	¢
NX ((RF)) Installation - 01					Visualization	localizatio	on •
Product	•	É	10 Outp	uts			
Parameters	•		- , ? ,-	TXA610 - 1 - 1 House - Lighting		₩	►
Actions			- Ņ -	TXA610 - 1 - 2 House - Lighting		Ħ	Þ
Restart product Replace	Download		- Ņ -	TXA610 - 1 - 3 House - Lighting		1H	Þ
Factory reset	Delete	4	- Ņ -	TXA610 - 1 - 4 House - Lighting		Ħ	•
			- Ņ -	TXA610 - 1 - 5 House - Lighting		14	Þ
		6	- Ņ -	TXA610 - 1 - 6 House - Lighting		Ħ	Þ
			- Ņ -	TXA610 - 1 - 7 House - Lighting		≇	Þ
		8	- Ņ -	TXA610 - 1 - 8 House - Lighting		HI.	•
			- Ņ -	TXA610 - 1 - 9 House - Lighting		HI.	►
				TURCAD 4 40			

- Click on in the Actions tab to select different actions.

Actions	▲ `
Restart product	Download
Replace	Duplicate
Factory reset	Delete

- Restart product: switches the product on/off remotely.
- **Download:** reloads the product settings **only**.
- Replace: replaces a product with another of the same reference. This function is generally used to replace a faulty product with a new product without having to regain all of the settings (see chapter <u>9.3.3</u>).
- Duplicate: copies the settings from a product with another of the same reference. This function is generally used to duplicate a product without having to regain all of the settings (see chapter <u>9.3.4</u>).
- Factory reset: reloads the default settings (factory setting configuration) and removes the product from the installation.
- **Delete:** removes the product from the installation without connecting to the configuration server.

6.1.4 SORT AND FILTER BY PRODUCTS

This function sorts the list of products according to several criteria.

S Installations	Detail	Products	🗐 Channels	O Location		• •
KNX ((RF)) Installation - 01			iscovery		Visualization	bccalization -
🚺 Search Q	All references		~			Q Reset
🗇 8 Products						
TXA610 - 1 - Output 10 -fold TXA610 - No function						►
TXA624C - 1 - Output device for 4 shutters/bli TXA624C - No function	inds 230V~					•
TXA663A - 1 - Dimmer KNX , 3 x 300W, univer TXA663A - No function	rsal					►
TXB692F - 1 - 1 output for shutter/blinds + 2 il TXB692F - No function	nputs					•
TXE530 - 1 - KNX GPS Weather station TXE530 - No function						►
WST302 - 1 - Systo push-button KNX 2gang WST302 - No function						•
WST316 - 1 - Systo push-button KNX 6gang, 1 WST316 - No function	with LED					►
WST324 - 1 - Systo push-button KNX 4gang, 1 WST324 - No function	with LED and IR					•

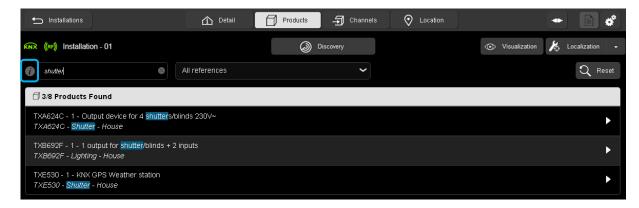
- Click on the "Products" tab to see the list of products indexed in the installation and to start a search.

There are two search types:

1st method: sorted according to the text entered in the search field.

nstallations	ሰ Detail	Products	- 5 Channels	O Location		- 6
KNX ((RF)) Installation - 01			Discovery		 Visualization 	Localization -
🚺 Search	All references		~			Q Reset
🗇 8 Products						
TXA610 - 1 - Output 10 -fold TXA610 - No function						•
TXA624C - 1 - Output device for 4 shutters/bl TXA624C - No function	linds 230V~					•
TXA663A - 1 - Dimmer KNX , 3 x 300W, unive TXA663A - No function	rsal					►
TXB692F - 1 - 1 output for shutter/blinds + 2 TXB692F - No function	inputs					•
TXE530 - 1 - KNX GPS Weather station TXE530 - No function						►
WST302 - 1 - Systo push-button KNX 2gang WST302 - No function						•
WST316 - 1 - Systo push-button KNX 6gang, WST316 - No function	with LED					►
WST324 - 1 - Systo push-button KNX 4gang, WST324 - No function	with LED and IR					•

Example: If the word "shutter" is entered, only products that include the word "shutter" are displayed.



Several words or characters can also be entered.

Certain keywords have already been defined.

- Click *i* to display the list of keywords.

	Search predefined labels	×
All references RF	All RF devices	
Infrared	All channels with infra-red sensor	
TP	All TP devices	
Error	All devices in error	

• **2nd method:** the search can be run based on the Reference.

All references	^
TXA610 (1)	
TXA624C (1)	
TXA663A (1)	
TXB692F (1)	
TXE530 (1)	
WST302 (1)	
WST316 (1)	
WST324 (1)	

> Note: The two methods can be used simultaneously.

- Click **Reset** to clear the searches.

← Installations	Detail	Products	- Channels	O Location		• B ø
KNR ((RF)) Installation - 01			iscovery		Visualization	🎉 Localization 👻
j Search Q	All references		~			Q Reset
🗇 8 Products						
TXA610 - 1 - Output 10 -fold TXA610 - No function						►
TXA624C - 1 - Output device for 4 shutters/I TXA624C - No function	olinds 230V~					►
TXA663A - 1 - Dimmer KNX , 3 x 300W, univ TXA663A - No function	ersal					►
TXB692F - 1 - 1 output for shutter/blinds + 2 TXB692F - No function	! inputs					►
TXE530 - 1 - KNX GPS Weather station TXE530 - No function						►
WST302 - 1 - Systo push-button KNX 2gang WST302 - No function						•
WST316 - 1 - Systo push-button KNX 6gang WST316 - No function	, with LED					
WST324 - 1 - Systo push-button KNX 4gang WST324 - No function	, with LED and IR					►

6.2 SETTING THE CHANNELS

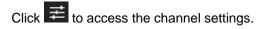
6.2.1 SETTING BY CHANNEL

Setting by channels enables configuration of the product's channel by channel operation.

There are 2 methods for accessing the channel settings:

• 1st method: in the product view

🕤 Products list		ሰ Detail	Products	-1	Channels	Location		•		¢
KNX ((RF)) Installation - 01							Visualization	K	Localization	1 -
Product			•	Ę	10 Outp	uts				
Parameters			•		- Ņ -	TXA610 - 1 - 1 House - Lighting			Ħ	►
Configuration Channel 1-2	Binary		~		- <u>Ņ</u> -	TXA610 - 1 - 2 House - Lighting			Ħ	►
Configuration Channel 3-4	Binary		~		- <u>Ņ</u> -	TXA610 - 1 - 3 House - Lighting			111	►
Configuration Channel 5-6 Configuration Channel 7-8	Binary Binary		~		-Ņ-	TXA610 - 1 - 4 House - Lighting			Ħ	►
Configuration Channel 9-10	Binary		~		- Ŗ -	TXA610 - 1 - 5 House - Lighting			#1	•
Actions			•		. .	TXA610 - 1 - 6 House - Lighting			tłt	►
					- Ņ -	TXA610 - 1 - 7 House - Lighting			Ħ	•
					- <u>Ņ</u> -	TXA610 - 1 - 8 House - Lighting			Ħ	
					- <u>Ņ</u> -	TXA610 - 1 - 9 House - Lighting			tH1	•



Products list	ሰ Detail	Products	- Channels		cation		• •
KNR ((RF)) Installation - 01						Visualization	Localization -
Product		•	≓ TXA610 - 1 -	1			X
Parameters			Time	er duration	2 min		~
Configuration Channel 1-2 Binary		~	Cut-OFF pr	re-warning	30 s		~
Configuration Channel 3-4 Binary		~)
Configuration Channel 5-6 Binary		~					
Configuration Channel 7-8 Binary		~					
Configuration Channel 9-10 Binary		~					
Actions		•					

The channel settings appear on the right.

• 2nd method: in the channels view

nstallations	🚹 Detail	Products 🗲	Channels 📀 Location		• •
KNX ((RF)) Installation - 01	œ) Link 🛛 Ç	20 Unlink	• Visualization	🎉 Localization 👻
() Search Q	Select function	✓ Mo	ost used channels	~	Q Reset
15/30 inputs found			20/24 outputs found		
TXB692F - 1 - 1 House		► [^] - ?	TXA610 - 1 - 1 House - Lighting		
TXB692F - 1 - 2 House		▶ 50	TXA610 - 1 - 2 House - Lighting		►
TxE530 - 1 - 1 House		► <u>-</u>	TXA610 - 1 - 3 House - Lighting		•
		► ⊅	TXA610 - 1 - 4 House - Lighting		•
(?) WST302 - 1 - 2 House		►	TXA610 - 1 - 5 House - Lighting		•
WST316 - 1 - 1 House		► . %	TXA610 - 1 - 6 House - Lighting		►
WST316 - 1 - 2 House		► 7 0	TXA610 - 1 - 7 House - Lighting		•
WST316 - 1 - 3 House		► ,	TXA610 - 1 - 8 House - Lighting		•
WOTOLC 4 4		•			-

- Click on an output.

The following window appears: The channel settings appear on the left.

🗂 Channels list	1 Detail	Products	🗐 Channels	C Location	• •
KNX ((RF)) Installation - 01					O Visualization ↓ Localization ↓
Output		A	No link		
Output name	TXA610 - 1 - 1	~ ~			
Place	House	~			
Use	Lighting				
Description					
Landmark	TXA610-1-1				
Product	TXAG10 Output 10 -fold				
Settings		•			
Timer duration	2 min	~			
Cut-OFF pre-warning	30 s				

• Example of the shutter settings:

፰ TXA610 - 1 - 1		×
Closing type	Shutter and blind	<u>^</u>
Sun position	Shutter	
Wind Alarm level	Shutter and blind	
Position on wind alarm	Not active	~

- Click on to select the "Shutter and blind" operation:

Possible choices:

- ShutterShutter and blind
- Define the operational settings of the output

፰ TXA610 - 1 - 1		\times
Closing type	Shutter and blind	~
Sun position	Not active	~
Wind Alarm level	No Wind alarm	~
Position on wind alarm	Not active	~
Rain Alarm	No	~
Position on rain alarm	Not active	~
Up movement duration	120	
Down mo∨ement duration	120	
Relay closing time for slat positioning (ms)	150	
Total number of slat angles	12	

Example of the lighting settings:

Settings		
Timer duration	2 min	스
	Not active	Î.
Cut-OFF pre-warning	1s	
	2 s	
domovea visualisation	3s	
	5s	
	10 s	
	15 s	
	20 s	
	30 s	
	15	τ.

- Click on to select the "Timer duration" for the lighting.

Possible choices:

Not active, 1 sec, 2 secs, 3 secs, 5 secs, 10 secs, 15 secs, 20 secs, 30 secs, 45 secs, 1 min, 2 mins, 2 mins 30 secs, 3 mins, 5 mins,

15 mins, 20 mins, 30 mins, 1 hr, 2 hrs, 3 hrs, 5 hrs, 12 hrs, 24 hrs.

Settings		
Timer duration	2 min	~
Cut-OFF pre-warning	30 s Not active	
domovea visualisation	15 s 30 s	
	1 min	

- Click on to select the "Timer pre-warning" for the lighting.

Possible choices:

Not active, 15 secs, 30 secs, 1 min.

•Example of the setting of LEDs on an input product:

Parameters	▲
LED Color for On	Green
LED Color for Off	OFF
	Red
Actions	Green
	Blue
	Red/Green
	Red/Blue
	Green/Blue

- Click on to select the "LED colour for On"

Possible choices:

OFF, Red, Green, Blue, Red/green, Red/blue, Green/blue.

Parameters		•
LED Color for On	Green	~
LED Color for Off	OFF	<u>^</u>
	OFF	-
Actions	Red	
	Green	
	Blue	
	Red/Green	
	Red/Blue	
	Green/Blue	

- Click on to select the "LED colour for Off".

Possible choices:

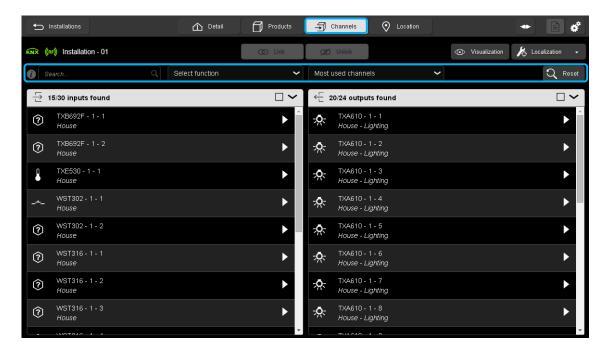
OFF, Red, Green, Blue, Red/green, Red/blue, Green/blue.

> Note:

For each product, please refer to the product-specific documentation.

6.2.2 SORT AND FILTER BY CHANNELS

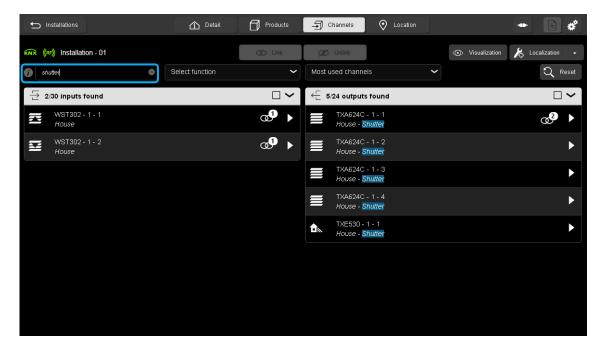
This function sorts the list of inputs and/or list of outputs according to several criteria.



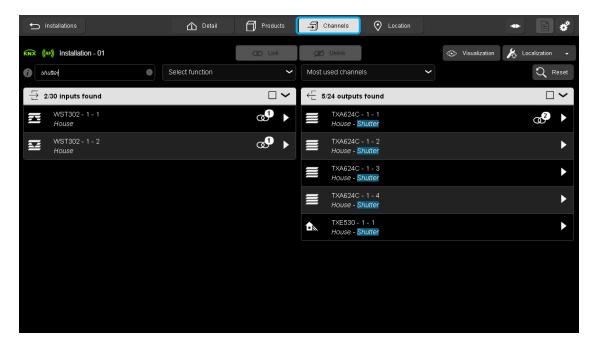
- Click the "Channels" tab to see the list of channels identified in the installation and run a search.

There are 3 types of searches:

1st method: sorted according to text entered in the search field



Example: if the word "shutter" is entered, only inputs and outputs associated with the word "shutter" are displayed.



> Note: The inputs are also displayed as they are set as shutter commands.

Several words or characters can be entered.

Installations	🟠 Detail	Products	Channels 📀 Location		• •
KNR Installation - 01	(O Link	💯 Unlink	Isualization	🔏 Localization 📼
i shutter lighting	Select function	~	Most used channels		Q Reset
→ 4/30 inputs found			← 17/24 outputs found		
WST302 - 1 - 1 House		►	TXA624C - 1 - 1 House - Shutter		
WST302 - 1 - 2 House		►	TXA624C - 1 - 2 House - Shutter		►
Ü ТХВ692F - 1 - 1 House		►	TXA624C - 1 - 3 House - Shutter		•
O TXB692F - 1 - 2 House		►	TXA624C - 1 - 4 House - Shutter		•
			TXE530 - 1 - 1 House - Shutter		•
			*** TXA610 - 1 - 1 House - Lighting		•
			TXA610 - 1 - 2 House - Lighting		•
			+ TXA610 - 1 - 3 House - Lighting		•
			A TXA610 - 1 - 4		

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Certain keywords are already defined.

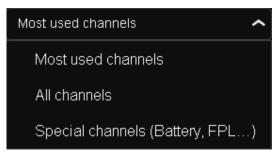
- Click *O* to display the list of keywords.

	~
Search predefined labels	
All FPL channels	
All Master/Slave channels	
All Master/Slave channels	
All infra-red channels	
All sensors	
All battery powered channels	
All logic channels	
All RF channels	
All TP channels	
All domovea exported channels	
	All Master/Slave channels All Master/Slave channels All infra-red channels All sensors All battery powered channels All logic channels All Ingic channels All RF channels All TP channels

• 2nd method: sorted according to the function type set.

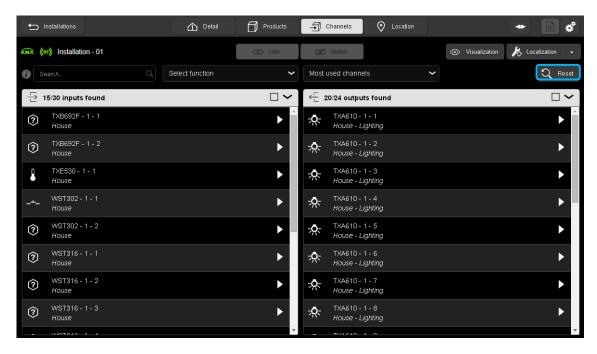


• 3rd method: sorted according to the channel type used.



> **Note:** The three methods can be used simultaneously.

- Click "Reset" to clear the searches.



6.3 LOCALISATION

Tracking of products and channels is performed in "Localisation" mode. Localisation enables the installer to physically track the products installed and the channels wired.

6.3.1 STARTING "LOCALISATION" MODE

← Installations	Detail	Products	Ghannels	O Location	- 6 *
(RF) Installation - 01					Visualization K Localization -
J Search Q	All references		~		Q Reset
🗇 8 Products					
TXA610 - 1 - Module 10 sorties TXA610 - No function					>
TXA624C - 1 - Mod. 4 sorties volets/stores (TXA624C - No function	230V~				>
TXA663A - 1 - Module 3 sorties variation 30 TXA663A - No function	0W / NE				>
TXB692F - 1 - 2 entrées + 1 sortie volet à e TXB692F - No function	ncastrer				•
TXE530 - 1 - Station météo GPS KNX TXE530 - No function					•
WST302 - 1 - Systo bouton poussoir, tebis I WST302 - No function	KNX 2 touches				>
WST316 - 1 - Systo bouton poussoir, tebis i WST316 - No function	<nx 6="" avec="" le<="" th="" touches,=""><td>D</td><th></th><td></td><td>•</td></nx>	D			•
WST324 - 1 - Systo bouton poussoir, tebis k WST324 - No function	<nx 4="" avec="" le<="" th="" touches,=""><td>D et IR</td><th></th><td></td><td>•</td></nx>	D et IR			•

A "Localisation" tab is available to track the installation's different products.

- Click "Localisation".

A "Localisation mode" window appears with the following message:

"Activation of localisation mode for 15 mins".

\diamondsuit Localisation mode	×
You will switch to localisation mod	le for 15 min or until you cancel it.
Do not show	this pop-up again
Confirm	Cancel

- Click Confirm to switch to localisation mode for 15 minutes or Cancel to stop localisation mode.

nstallations	🟠 Detail	Products Channels	O Location	- E ¢
(RP) Installation - 01				Visualization Kocalization
j Search Q .	All references	~		Q Reset
🗇 8 Products				
TXA610 - 1 - Output 10 -fold TXA610 - Lighting, Shutter - House				•
TXA624C - 1 - Output device for 4 shutters/blin TXA624C - Shutter - House	nds 230V~			•
TXA663A - 1 - Dimmer KNX , 3 x 300W, univer TXA663A - Dimming - House	sal			•
TXB692F - 1 - 1 output for shutter/blinds + 2 in TXB692F - Lighting - House	nputs			•
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House				•
WST302 - 1 - Systo push-button KNX 2gang WST302 - Heating/Cooling - House				•
WST316 - 1 - Systo push-button KNX 6gang, v WST316 - Heating/Cooling, Lighting - House	with LED			•
WST324 - 1 - Systo push-button KNX 4gang, v WST324 - Heating/Cooling, Lighting - House	with LED and IR			•

The "Localisation" tab changes colour to indicate that localisation mode is activated.

6.3.1.1 Localisation of different products

∽ Installations	🟠 Detail	Products	- Channels	O Location			*
KNX ((RF)) Installation - 01					Visualization	6 Localization	1 -
() Search Q	All references		~			Q	Reset
🗇 8 Products							
TXA610 - 1 - Module 10 sorties TXA610 - Lighting - House							•
TXA624C - 1 - Mod. 4 sorties volets/stores 23 TXA624C - Shutter - House	80V~						•
TXA663A - 1 - Module 3 sorties variation 300 TXA663A - Dimming - House	W/NE						Þ
TXB692F - 1 - 2 entrées + 1 sortie volet à en TXB692F - Lighting - House	castrer						•
TXE530 - 1 - Station météo GPS KNX TXE530 - Shutter - House							Þ
WST302 - 1 - Systo bouton poussoir, tebis Kl WST302 - Heating/Cooling - House	NX 2 touches						►
WST316 - 1 - Systo bouton poussoir, tebis Kl WST316 - Heating/Cooling, Lighting - House							•
WST324 - 1 - Systo bouton poussoir, tebis Ki WST324 - Heating/Cooling, Lighting - House) et IR					•

- Click on the product; the line turns blue and the corresponding product indicator lights illuminate.

> Note:

If "Localisation with physical effect" is activated, the outputs are physically managed, thus enabling control of a light bulb or shutter, for example.

- Inversely, the product line turns blue if one of the product's manual control push-buttons is pressed.

> Note:

Links can be created during localisation. However, the functional test can only be performed outside "localisation".

6.3.1.2 Localisation of different channels

nstallations	ሰ Detail	Products	Ghannels 📀 Location	• •
KNR ((RF)) Installation - 01		@ Link	💯 Unlink	💿 Visualization 🤸 Localization 👻
() Search Q	Select function	~	Most used channels	Q Reset
15/30 inputs found			← 19/23 outputs found	\checkmark
TXB692F - 1 - 1 House			TXA610 - 1 - 1 House - Shutter	▶ [≜]
TXB692F - 1 - 2 House		►	+ TXA610 - 1 - 3 House - Lighting	►
TXE530 - 1 - 1 House		•	+ TXA610 - 1 - 4 House - Lighting	•
WST302 - 1 - 1 House		►	+ TXA610 - 1 - 5 House - Lighting	
WST302 - 1 - 2 House			+ TXA610 - 1 - 6 House - Lighting	•
WST316 - 1 - 1 House		►	+ TXA610 - 1 - 7 House - Lighting	•
WST316 - 1 - 2 House		•	+ TXA610 - 1 - 8 House - Lighting	•
WST316 - 1 - 3 House		►	+ TXA610 - 1 - 9 House - Lighting	•
		-	- TURCAO A 40	*

- Click on one of the outputs; the line turns blue and the corresponding channel indicator light illuminates.

> Note:

If "Localisation with physical effect" is activated, the outputs are physically managed, thus enabling control of a light bulb or shutter, for example.

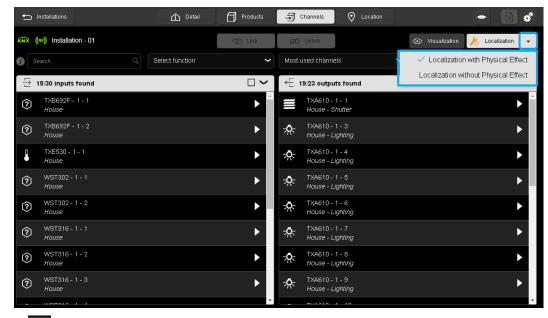
- Inversely, the product line turns blue if one of the product's manual control push-buttons is pressed.

> Note:

Links can be created during localisation. However, the functional test can only be performed outside "localisation".

6.3.1.3 Physical effect

During localisation, the physical effect executes a certain action on the product so that it is more easily identifiable.



- Click on
- Select the desired localisation mode.
 - Localisation with physical effect:
 - Localisation without physical effect:

The physical effect is different depending on the nature of the product. Here are several examples:

Behaviour of outputs during localisation by products				
Products	Without physical effect	With physical effect		
Lighting output (TXA610)	 All of the indicator lights for the selected product illuminate 	 All of the indicator lights for the selected product illuminate The output relays switch, making the light bulbs flash on output if they are connected. 		
Shutter output (TXA624)	 All of the indicator lights for the selected product illuminate 	 All of the indicator lights for the selected product illuminate The output relays switch, making all of the shutters raise and lower if they are connected. 		
Dimmer output (TXA663)	 All of the indicator lights for the selected product illuminate 	 All of the indicator lights for the selected product illuminate All of the outputs vary the current to the light bulbs if they are connected. 		
Push-button input (WST312)	 All of the indicator lights for the selected product illuminate 	 All of the indicator lights for the selected product illuminate The internal buzzer sounds, emitting an intermittent audible signal. 		

Behaviour of outputs during localisation by channels					
Products	Without physical effect	With physical effect			
Lighting output (TXA610)	 The indicator light for the selected output illuminates 	- The indicator light for the selected output illuminates			
		- The output relay switches, making the light bulb flash on output if it is connected.			
Shutter output (TXA624)	 The indicator light for the selected output illuminates 	- The indicator light for the selected output illuminates			
		- The output relays switch, making the shutter raise and lower if it is connected.			
Dimmer output (TXA610)	 The indicator light for the selected output illuminates 	- The indicator light for the selected output illuminates			
		- The output varies the current to the light bulb if it is connected.			
Push-button input (WST312)	 The indicator light associated with the push- 	 The indicator light associated with the push- button illuminates 			
	button illuminates	- The internal buzzer sounds, emitting an intermittent audible signal.			

Each physical effect is set out in the documentation for each product.

> Note:

Some products do not have an indicator light and can only be localised when the physical effect is underway.

6.3.2 STOPPING "LOCALISATION" MODE.

There are 2 methods for stopping the "Localisation" mode.

1st method:

Wait 15 minutes; a window is displayed with the following message:

\oplus Localisation mode		×				
You will leave the localisation mode in 28s unless you renew your session						
Renew	Ok					

- Click Renew to remain in "Localisation" mode, or
- Click **OK** to stop localisation.
 - 2nd method:

Installations	Detail	Products	- Channels	O Location	
KNX ((RF)) Installation - 01					💿 Visualization 🔀 Localization 🗸
Search Q	All references		~		Q Reset
🗇 8 Products					
TXA610 - 1 - Output 10 -fold TXA610 - Lighting, Shutter - House					•
TXA624C - 1 - Output device for 4 shutters/b TXA624C - Shutter - House	linds 230∨~				•
TXA663A - 1 - Dimmer KNX , 3 x 300W, unive TXA663A - Dimming - House	rsal				•
TXB692F - 1 - 1 output for shutter/blinds + 2 TXB692F - Lighting - House	inputs				•
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House					•
WST302 - 1 - Systo push-button KNX 2gang WST302 - Heating/Cooling - House					•
WST316 - 1 - Systo push-button KNX 6gang, WST316 - Heating/Cooling, Lighting - House					•
WST324 - 1 - Systo push-button KNX 4gang, WST324 - Heating/Cooling, Lighting - House					•

- Click "Localisation".

A "Localisation mode" window appears with the following message:

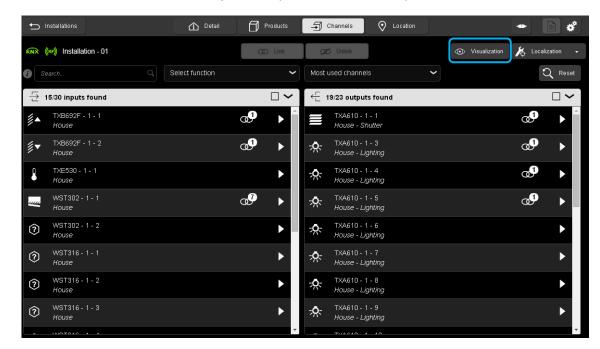
"Exit localisation mode?"

⇔ Localisati	on mode		×	
	Do you want to leave the localisation mode ?			
Do not show this pop-up again				
	Confirm	Cancel		

- Click **Confirm** to exit localisation mode, or
- Click **Cancel** to remain in localisation mode.

6.4 VISUALISATION

Visualisation enables the installer to identify which input is linked to an output and vice versa.



- A "Visualisation" tab is available on the top band to enable visualisation.
 - Click on "Visualisation".
 - A "Visualisation mode" window appears.



- Click on Confirm to switch to visualisation mode or Cancel to stop.

TXA100 configuration tool Installer manual

nstallations	🟠 Detail	Products	Ghannels 🕑 Location	• •
KNX ((RF)) Installation - 01		C Link	Ø Unlink	🛵 Localization 👻
() Search Q				Q Reset
☐ 15/30 inputs found		$\square \checkmark$	← 1/24 outputs found	$\square \checkmark$
TXB692F - 1 - 1 House		∞0 → [^]	TXA624C - 1 - 1 House - Shutter	@3 ►
≢▼ TXB692F - 1 - 2 House		∞• ►		
TXE530 - 1 - 1 House		•		
WST302 - 1 - 1 House		∞ ►		
WST302 - 1 - 2 House				
WST316 - 1 - 1 House		•		
WST316 - 1 - 2 House		•		
() WST316 - 1 - 3 House		►		
		-		

- Click on an input to display the linked output(s).

The outputs controlled by this input are displayed in blue. To return to the normal display, click on the input again. Inversely, an output can also be selected to display the linked inputs.

Sinstallations	🚹 Detail 🗍 Products	Channels 📀 Location	• •
(RF) Installation - 01	@ Link	🐼 Unlink 💿 Visualization	🎉 Localization 🕞
() Search Q			Q Reset
☆ 3/30 inputs found	$\Box \sim$	← 20/24 outputs found	$\square \checkmark$
TXB692F - 1 - 1 House	@ ►	TXA610 - 1 - 7 House - Lighting	· · · · · · · · · · · · · · · · · · ·
TXB692F - 1 - 2 House	@⁰ ►	TXA610-1-8 House _ Lightling	►
WST302 - 1 - 1 House	∞9 →	K TXA610 - 1 - 9 House - Lighting	•
		+ TXA610 - 1 - 10 House - Lighting	•
		TXA624C - 1 - 1 House - Shutter	•
		TXA624C - 1 - 2 House - Shutter	∞3 →
		TXA624C - 1 - 3 House - Shutter	@ 0 ►
		TXA624C - 1 - 4 House - Shutter	∞ • ►

- Click on an output to display the linked input(s).

The inputs controlling this output are displayed in blue. To return to the normal display, click on the output again. To exit visualisation mode, click on "**Visualisation**" again.

6.5 NOTIFICATIONS

This function enables different instructions to be provided to the installer while programming the installation. Various types of notifications can be sent, such as a downloading error or the availability of a new software version for the configuration server.

The presence of a notification is indicated with the D symbol.

• **Example 1:** Product downloading error.

Installations	1 Detail	Products	Channels	O Location		• 🗋 🗳
(तर) (तर) Installation - 01		Discove	ry		Visualization	Localization 🗸
Search Q	All references		~			Q Reset
🗇 8 Products						
TXA610 - 1 - Output 10 -fold TXA610 - Lighting, Shutter - House						►
TXA624C - 1 - Output device for 4 shutters/t TXA624C - Shutter - House	linds 230∨~					•
TXA663A - 1 - Dimmer KNX , 3 x 300W, unive TXA663A - Dimming - House	ersal					►
TXB692F - 1 - 1 output for shutter/blinds + 2 TXB692F - Lighting - House	inputs					•
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House						►
WST302 - 1 - Systo push-button KNX 2gang WST302 - Heating/Cooling - House						►
WST316 - 1 - Systo push-button KNX 6gang WST316 - Heating/Cooling, Lighting - House						•
WST324 - 1 - Systo push-button KNX 4gang WST324 - Heating/Cooling, Lighting - House					<u>!</u>	•

When downloading, the programming of an installation product was not correctly rolled out.

A **U** symbol is displayed beside the affected product.

- Click on to display the list of notifications.

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🕤 Installations	Detail Products 🕤 Channels 📀 Location 🔸 🗈	*
KNX ((RF)) Installation - 01	Pending changes in error	-
Search Q All referen	TXE530 - 1 - KNX GPS Weather	Reset
🗇 8 Products	station Retry downloading this change TXE530 - Shutter - House	
TXA610 - 1 - Output 10 -fold TXA610 - Lighting, Shutter - House	List of pending changes in error	
TXA624C - 1 - Output device for 4 shutters/blinds 230V- TXA624C - Shutter - House		•
TXA663A - 1 - Dimmer KNX , 3 x 300W, universal TXA663A - Dimming - House		►
TXB692F - 1 - 1 output for shutter/blinds + 2 inputs TXB692F - Lighting - House		►
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House	<u><u><u></u><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></u></u>	•
WST302 - 1 - Systo push-button KNX 2gang WST302 - Heating/Cooling, Shutter - House		•
WST316 - 1 - Systo push-button KNX 6gang, with LED WST316 - Heating/Cooling, Lighting - House		•
WST324 - 1 - Systo push-button KNX 4gang, with LED a WST324 - Heating/Cooling, Lighting - House	nd IR	•

- Click on "Retry downloading this change" to programme the product.

> Note:

If there is a downloading error, the configuration tool flags up the fault. Downloading must then be re-launched so that the changes are included in the installation.

• **Example 2:** Installation of a configuration server update.

S Installations	Detail	Products	🚽 Channels	O Location		•
KNX ((RF)) Installation - 01			Discovery		Visualization	🎉 Localization 👻
() Search Q	All references		~			Q Reset
🗇 8 Products						
TXA610 - 1 - Output 10 -fold TXA610 - Lighting, Shutter - House						►
TXA624C - 1 - Output device for 4 shutters/bli TXA624C - Shutter - House	nds 230∨~					•
TXA663A - 1 - Dimmer KNX , 3 x 300W, univer TXA663A - Dimming - House	sal					►
TXB692F - 1 - 1 output for shutter/blinds + 2 in TXB692F - Lighting - House	nputs					•
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House						•
WST302 - 1 - Systo push-button KNX 2gang WST302 - Heating/Cooling - House						•
WST316 - 1 - Systo push-button KNX 6gang, v WST316 - Heating/Cooling, Lighting - House	with LED					•
WST324 - 1 - Systo push-button KNX 4gang, v WST324 - Heating/Cooling, Lighting - House	with LED and IR					•

- Click on to display the list of notifications.

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Installations	C Detail Products	🗐 Channels 📀 Location	•	
KNX ((RF)) Installation - 01	Upda	ates available		·
Search All ref	ferences	Version : 1.3.0.0	Install update	eset
🗇 8 Products		Thursday 04 June 2015 - 14:45		
TXA610 - 1 - Output 10 -fold TXA610 - Lighting - House				
TXA624C - 1 - Output device for 4 shutters/blinds 23 TXA624C - Shutter - House	30\~			►
TXA663A - 1 - Dimmer KNX , 3 x 300W, universal TXA663A - Dimming - House				•
TXB692F - 1 - 1 output for shutter/blinds + 2 inputs TXB692F - Lighting - House				•
TXE530 - 1 - KNX GPS Weather station TXE530 - Shutter - House				•
WST302 - 1 - Systo push-button KNX 2gang WST302 - Heating/Cooling - House				•
WST316 - 1 - Systo push-button KNX 6gang, with LE WST316 - Heating/Cooling, Lighting - House	ED			•
WST324 - 1 - Systo push-button KNX 4gang, with LE WST324 - Heating/Cooling, Lighting - House	ED and IR			•

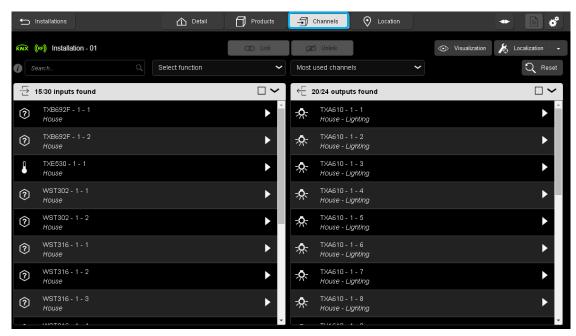
- Click "Install update" to launch programme installation.

7. CREATION OF LINKS

7.1 CREATION OF LINKS BETWEEN PRODUCTS

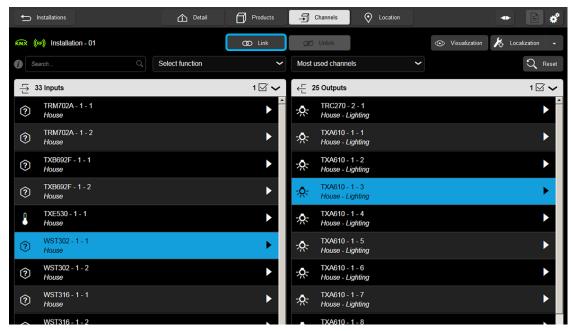
The creation of links enables linking of one or more inputs to one or more outputs, depending on the desired operational mode.

To be able to create a links between an input and an output, a function must be assigned to the input.



- Click on the Channels tab to see the list of inputs and outputs available from the installation.

7.1.1 SINGLE LINKS



- Select an input and an output. The selected items are highlighted.
- Click Link to define the functions.

An "outputs selected' window appears:

C	Outputs selected :	1 -o ⁿ -				
	WST302-1-2 🭞	No function			~	
		_	Link	Cancel		

Click on the "Select the function" tab.

> Note:

_

If the input functions have already been allocated, the selection window is not displayed. The function has to be modified from the channel settings.

Select function		×
Outputs selected :	1 - 👷	
WST302 - 1 - 1 (?)	No function	
	▼ Lighting	
₽ House	ర్త ол O off	
7XB692F - 1 - 1 House	U ON/OFF	•
?) TXB692F - 1 - 2 House	Toggle switch	•
TXE530 - 1 - 1 House	신》Timer 르= Scene	
WST302 - 1 - 1 House	Dimming	

- Select the Toggle switch function from the scroll-down list.

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- Installations	Detail	Products	Channels O Location	• •
KNR ((RF)) Installation - 01		O Link	Ø Unlink Visualization	🔏 Localization 👻
Search	Q Select function	~	Most used channels	Q Reset
- 글 33 Inputs			<⊑ 25 Outputs	
(?) TRM702A - 1 - 1 House		► Ê	TRC270 - 2 - 1 House - Lighting	
TRM702A - 1 - 2 House		•	TXA610 - 1 - 1 House - Lighting	►
(?) TXB692F - 1 - 1 House		•	TXA610 - 1 - 2 House - Lighting	►
(?) TXB692F - 1 - 2 House		•	TXA610 - 1 - 3 House - Lighting	₫ ►
TXE530 - 1 - 1 House		•	TXA610 - 1 - 4 House - Lighting	►
		@• ►	- XA610 - 1 - 5 House - Lighting	►
WST302 - 1 - 2 House		•	TXA610 - 1 - 6 House - Lighting	►
(?) WST316 - 1 - 1 House		•	TXA610 - 1 - 7 House - Lighting	►
WST316-1-2			TXA610 - 1 - 8	

The linked input and output are represented by the symbol.

7.1.2 COMPLEMENTARY LINKS

← Installations	🟠 Detail	Products	Ghannels 📀 Location	
KNX ((RF)) Installation - 01		O Link	💯 Unlink	 Visualization Localization
() Search Q	Select function	~	Most used channels	Q Reset
☆ 15/30 inputs found		$\square \checkmark$	← 19/23 outputs found	$\forall \checkmark$
Ш ТХВ692F - 1 - 1 House			TXA610 - 1 - 1 House - Shutter	► Î
U TXB692F - 1 - 2 House		•	+ TXA610 - 1 - 3 House - Lighting	•
TXE530 - 1 - 1 House		•	-A-TXA610 - 1 - 4 House - Lighting	•
WST302 - 1 - 1 House		•	+ TXA610 - 1 - 5 House - Lighting	•
(?) WST302 - 1 - 2 House		•	TXA610 - 1 - 6 House - Lighting	►
() WST316 - 1 - 1 House		•	TXA610 - 1 - 7 House - Lighting	•
() WST316 - 1 - 2 House		•	- TXA610 - 1 - 8 House - Lighting	►
() WST316 - 1 - 3 House		•	+ TXA610 - 1 - 9 House - Lighting	►
* WOTO40 4 4		-		*

- Select one or more inputs and one or more outputs. The selections are highlighted.
- Click Link to define the functions.

An "Outputs selected" window appears:

Select function			×
Outputs selected :	1		
WST302-1-2 🧿	Select function		
WST316-1-1 🍞	Select function	~	
	Link	Cancel	

- Click on in the "Select function" tab.

> Note:

If the input functions have already been allocated, the selection window is not displayed. The function has to be modified from the channel settings.

Select function		×
Outputs selected :	1	
WST302-1-2 🍞	Select function)
WST316 - 1 - 1 🍞	▼ Shutter ≸▲ Blinds Up	
	É▼ Blinds Down	
	Shutter UP	
	Shutter DOWN	
	Eٍ≝ Position shutter الأيمُوني Slat angle	
-2	Position shutter slat	
<u>-3</u>		

- Select the Blinds Up function from the scroll-down list.

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Select function				×
Outputs selected :	1			
WST302 - 1 - 1 菺▲	Blinds Up	· · · · · · · · · · · · · · · · · · ·		
WST302 - 1 - 2 룾▼			✓ 1 1 1	
	Link	Cancel		

After selecting the different functions, click **Link** to confirm your choices. By default, the system suggests the complementary function on the second input (**Blinds Down**).

> Note:

Depending on the type of function selected, the system will, by default, propose the associated function on the second input.

nstallations	🛆 Detail 🗍 Produc	ucts 🗐 Channels	O Location	• B ở
(RF) Installation - 01	@ Link	nk 🖉 Unlink	• v	isualization 🖌 Localization 👻
J Search Q	Select function	✓ Most used channels	s 🖌	Q Reset
는 15/30 inputs found] \checkmark \leftarrow 19/23 outputs	s found	
TXB692F - 1 - 1 House	Þ	TXA610 - 1 House - Shi		∞ 2 ► [^]
(?) TXB692F - 1 - 2 House	Þ	► TXA610 - 1 House - Lig		•
TXE530 - 1 - 1 House	•	► TXA610 - 1 House - Lig		►
WST302 - 1 - 1 House	@ P	► TXA610 - 1 House - Lig		•
WST302 - 1 - 2 House	a9 • •	► TXA610 - 1 House - Lig		•
WST316 - 1 - 1 House	•	► TXA610 - 1 House - Lig		•
(?) WST316 - 1 - 2 House	•	► TXA610 - 1 House - Lig		
(?) WST316 - 1 - 3 House	Þ	► TXA610 - 1 House - Lig		•
worder a d			10	v

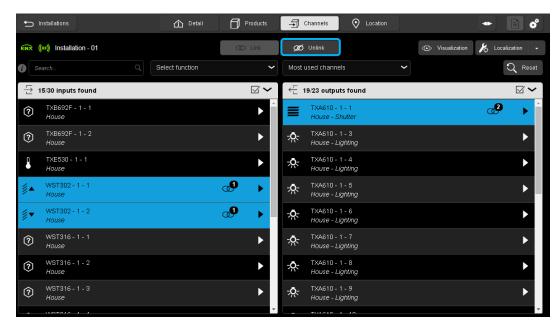
The inputs and outputs that are linked are represented by the of symbol.

> Note:

The number to the right of the symbol indicates the number of components linked to the output or input. For an input, the symbol indicates that the input controls 2 outputs For an output, the symbol indicates that the output is controlled by 2 inputs.

- At the end of the configuration, it is advisable to make a stop / start of the KNX bus.

7.2 DELETING LINKS BETWEEN PRODUCTS



To delete the links between the inputs and outputs:

- Select the linked inputs and outputs.
- Click **Unlink** to delete the link between the inputs and outputs.

← Installations	🚹 Detail 🗍 Pro	ducts 🗐 C	hannels 📀 Location		• •
(RF) Installation - 01	B	Link 🛛 🕬	Unlink	Visualization	🎉 Localization 🕞
Search Q	Select function	✓ Most u	sed channels	~	Q Reset
15/30 inputs found	[ר בי ער בי	9/23 outputs found		
U ^{ТХВ692F - 1 - 1} House			TXA610 - 1 - 1 House - Shutter		
U ^{ТХВ692F - 1 - 2} House		▶ ☆	TXA610 - 1 - 3 House - Lighting		•
TXE530 - 1 - 1 House		▶ ☆	TXA610 - 1 - 4 House - Lighting		•
WST302 - 1 - 1 House	Ø	▶ ☆	TXA610 - 1 - 5 House - Lighting		►
WST302 - 1 - 2 House	Ø	▶ ☆	TXA610 - 1 - 6 House - Lighting		►
(?) WST316 - 1 - 1 House		▶ ☆	TXA610 - 1 - 7 House - Lighting		►
(?) WST316 - 1 - 2 House		► 🖈	TXA610 - 1 - 8 House - Lighting		•
() WST316 - 1 - 3 House		▶ ☆	TXA610 - 1 - 9 House - Lighting		•
		*	T00040 A 40		*

A symbol temporarily appears on the unlinked components.

7.3 DEFINITION OF AN AUTOMATIC LINK

The purpose of this function is to automatically create links, depending on the choice of settings or the presence of a product, and to facilitate the configuration of products.

The automatic link is carried out from the fixed group addresses that are directly allocated after the discovery of products. These links are not visible from the channels view.

• Automatic link in the products: they cannot be modified though the configuration tool.

Transmitter products	Description	Group address	Receiver products
	Current date 1	30/0/032	
Domovea	Current time 1	30/0/033	
	Current date and current time 1	30/0/034	
	Current date 2	30/0/035	Master/Slave clock
Weather station	Current time 2	30/0/036	Room ambient controller
	Current date and current time 2	30/0/037	
Master/Slave	Current date 3	30/0/038	Energy manager
clock	Current time 3	30/0/039	Auto temperature controller
	Current date and current time 3	30/0/040	
Domovea Weather station Master/Slave clock	Current date and current time request	30/0/041	
Weather station Twilight switch	Brightness	30/0/002	Domovea Twilight switch
Weather station	Day/night	30/0/003	LED push-button Domovea Auto temperature controller
Weather station Energy manager	Exterior temperature	30/0/000	Domovea Room ambient controller Energy manager Auto temperature controller
Weather station	Wind speed	30/0/001	Domovea

Transmitter products	Description	Group address	Receiver products
	Position % Façade 1	30/0/016	
	Slat position % Façade 1	30/0/017	
	Position % Façade 2	30/0/018	Bi-application output module
Weather station	Slat position % Façade 2	30/0/019	Di application catpat modulo
	Position % Façade 3	30/0/020	Shutter/Roller-blind output
	Slat position % Façade 3	30/0/021	module
	Position % Façade 4	30/0/022	
	Slat position % Façade 4	30/0/023	
	Wind alarm 1	30/0/008	Domovea
	Wind alarm 2	30/0/009	Bi-application output module
Weather station	Wind alarm 3	30/0/010	
	Rain alarm	30/0/011	Shutter/Roller-blind output
	Frost alarm	30/0/012	module

• Auto link via settings: they can be modified though the configuration tool.

7.3.1 AUTOMATIC LINK IN THE PRODUCTS

7.3.1.1 Current date and current time

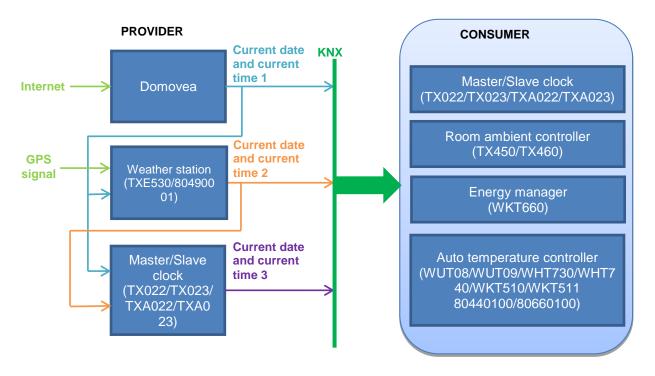
This automatic link is used by several products. They are comprised of several items, such as:

- Current date and time
- Current time
- Current date

Information on these items can come from 3 different sources, each with its priority:

- The Domovea system (priority 1 the highest)
- The weather station (priority 2 medium)
- A clock (priority 3 the lowest)

If there is a Domovea system in the installation, the reference current date and time will be provided by this system (priority 1). If not, the weather station will provide the reference current date and time (priority 2). And finally, if neither of these products is present in the installation, the reference current date and time will be provided by a clock (see diagram below).



> Note:

At the end of discovery, the configuration tool transmits the current date and time on the group address, predefined as Current date and time 3, Current time 3 and Current date 3. Thus, at the end of the scan, those products requiring the current time and date are updated right away.

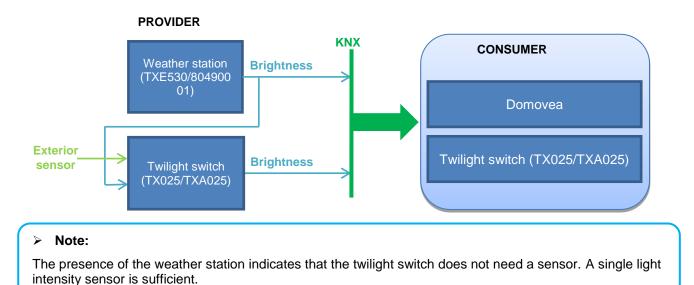
A request system (current date and time request) is implemented to ensure automatic management of the current date and time

7.3.1.2 Brightness

This automatic link is used by the twilight switches. They have a master/slave light intensity channel.

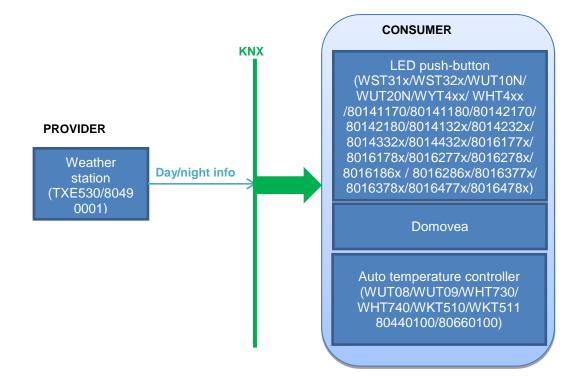
The Domovea monitoring system also uses this link but only for the slave channel.

These products are slaves by default. They become masters when a light intensity sensor is connected to a product.

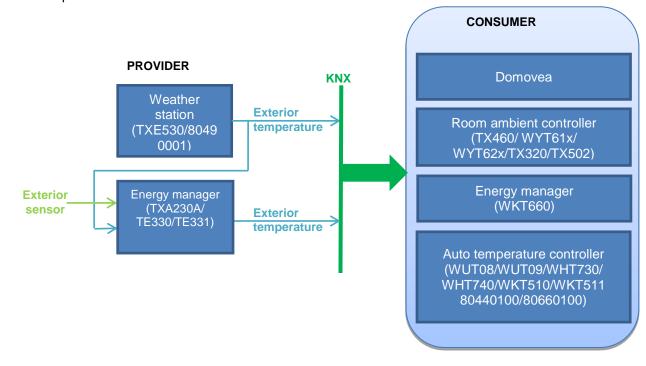


7.3.1.3 Day/night information

This automatic link is used by LED push-buttons, thermostats and the Domovea monitoring system. They have a channel that allows the indicator lights to be controlled from the front panel.



7.3.1.4 Exterior temperature



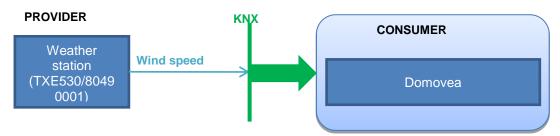
This automatic link is used by several products. They have a channel that enables the display or use of the exterior temperature.

> Note:

The presence of the weather station indicates that the energy manager does not need a sensor. A single exterior temperature sensor is sufficient.

7.3.1.5 Wind speed

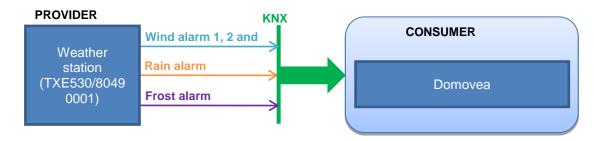
This automatic link is used by the Domovea monitoring system. It has a channel that enables the display of wind speed.



7.3.1.6 Bad weather alarm

This automatic link is used by the Domovea monitoring system. It has channels that enable display of the status of the:

- wind alarm 1, 2 and 3
- rain alarm
- frost alarm



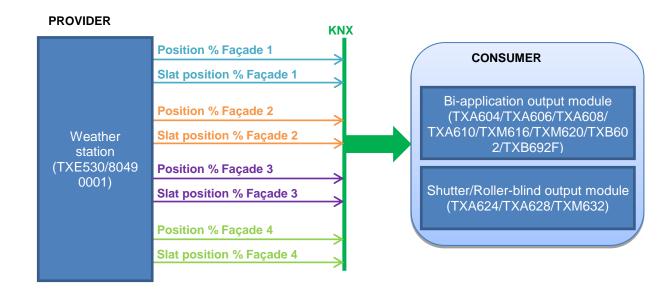
7.3.2 AUTOMATIC LINK VIA SETTINGS

7.3.2.1 Solar tracking

Solar tracking can be enabled on a shutter output, depending on the configuration tool setting.

Sun position	Not active	^
	Facade 1	
	Facade 2	
	Facade 3	
	Facade 4	
	Not active	

This setting positions the pre-defined group addresses for solar tracking.



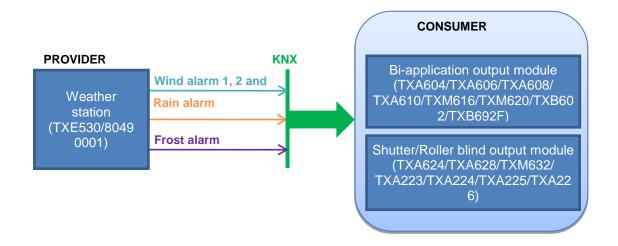
On the shutter output

7.3.2.2 Bad weather alarm

Bad weather alarms can be enabled on a shutter output depending on the configuration tool setting.

On the shutter output				
Wind Alarm level	No Wind alarm	~		
Position on wind alarm	Not active	~		
Rain Alarm	No	~		
Position on rain alarm	Not active	~		

This setting positions the pre-defined group addresses for solar tracking.



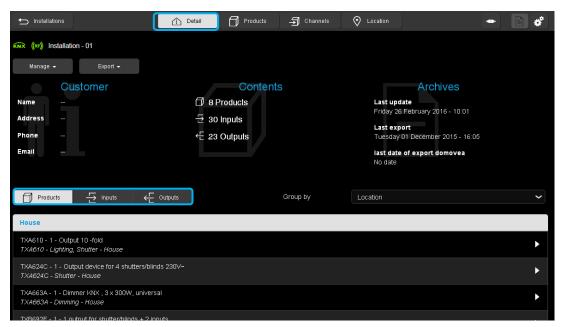
7.4 ADDRESS RANGES USED BY THE CONFIGURATION TOOL

Since the TXA100 configuration tool operates using the KNX principle, individual and group address ranges were defined as indicated in the below tables:

Individual addresses:	TP products	0.2.1 to 0.2.253	
	RF products	1.5.1 to 1.5.253	
	Media coupler	1.5.0	

Address range	Use
24/4/0 to 27/7/255	Wired products
0/4/0 to 1/7/255	Radio products
28/0/0 to 29/7/255	Radio products on the wired bus (translated addresses)
2/4/0 to 5/7/255	Domovea commands
24/0/0 to 24/1/254	Localisation mode
30/0/0 to 30/0/255	Automatic links
0/0/0 to 0/0/255	Default links

8. INSTALLATION MANAGEMENT



- Click Detail. The name of the installation is displayed.

On this window, you will find:

- The Customer's information:
 - Name
 - Address
 - Phone
 - Email
- The installation contents:
 - The number of products
 - The number of inputs
 - The number of outputs
- The installation archives:
 - Last update
 - Last export
 - Last date of export Domovea
- 2 tabs:
 - Manage:
 - Relearn installation
 - Factory reset
 - Factory reset of unknown TP products
 - o Factory reset of unknown RF products
 - Download the installation changes
 - Factory reset of RF coupler
 - RF coupler detection
 - Export
 - Save the installation
 - Export the installation to domovea (locally)
 - Export the installation to domovea (directly)
 - o Export the installation report

- Group by installation location.

- Organise the contents in different tabs:
 - Products
 - Inputs
 - Outputs.

8.1 RELEARN INSTALLATION

This function lets you go through the setting and the installation links again, from the installation itself. The configuration tool searches for products present in the installation, as well as the links between the different products.

- Create a new installation (see chapter <u>4.1</u>).
- Click on the **Detail** tab.

	🚹 Detail	Products	Channels	O Location		•	E	¢
Manage • Export • Relearn installation Factory reset of the whole installation Factory reset of unknown TP products Factory reset of unknown RF products Download all devices of the installation	<u> </u>	Contents Products Inputs Outputs	5	Last exp No date last date	y 16 February 2017 - 08:41	5		
Factory reset of RF Coupler RF coupler detection	Outputs		Group by :	Location				~

- Click on the Manage tab.
- Click on Relearn installation.

Relearning		
Relearning TP:		5 products discovered 5 new products discovered
Calculation and Setup:		5 inputs discovered 5 new inputs discovered
		19 outputs discovered 19 new outputs discovered
Look for TP products: 5 new	products found	
Read TP products: 0/5 new p	oroducts	
Stop	ping	Skip to setup

The configuration tool scans the installation, searching for different products.

Relearning ended			
Relearning TP:		9 products discovered 9 new products discovered	
Calculation and Setup:		33 inputs discovered 33 new inputs discovered	
		25 outputs discovered 25 rew outputs discovered	
R	estart	Close	

- When relearning is finished, click on the **Close** tab.

The window shows a certain number of products detected as well as the number of associated inputs and outputs.

> Note:

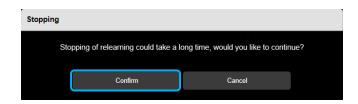
The duration of relearning depends of the size of the installation. However, the duration is approximately 15 minutes for a "standard" installation.

During relearning, the configuration tool allows:

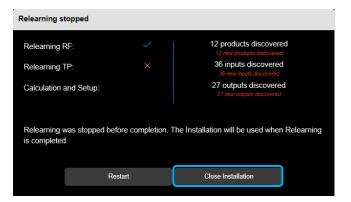
Relearning to be stopped:

Relearning							
Relearning RF:		3 products discovered 3 new products discovered					
Relearning TP:		3 inputs discovered 3 new inputs discovered					
Calculation and Setup:		2 outputs discovered 2 new outputs discovered					
Look for RF products: 3 new products found							
Read RF products: 2/3 new p	roducts						
Stopp	bing	Skip to setup					

- Click Stopping.



- Click **Confirm** to continue.



- Click Close Installation to return to the list of installations.
 When you reopen the installation, the configuration tool resumes relearning from the point when it was stopped.
- Restarting relearning after an interruption:

Relearning stopped							
Relearning RF:		12 products discovered					
Relearning TP:		36 inputs discovered 36 new inputs discovered					
Calculation and Se	etup:	27 outputs discovered 27 new outputs discovered					
Relearning was stopped before completion. The Installation will be used when Relearning is completed							
	Restart	Close Installation					

- Click Restart to resume relearning from the point when it was stopped.
- Skipping to setup during relearning if the system allows:

Relearning							
Relearning F	RF:		3 products discovered 3 new products discovered	1			
Relearning T	TP:		3 inputs discovered 3 new inputs discovered				
Calculation a	and Setup:		2 outputs discovered 2 new outputs discovered				
Look for RF products: 3 new products found							
Read RF pro	oducts: 2/3 new produc	ts					
	Stopping		Skip to setup				

- Click Skip to setup to access the settings for already recognised products.
- Restart relearning to complete the installation.

Note:

The duration of relearning depends of the size of the installation. However, the duration is approximately 15 minutes for a "standard" installation.

8.2 FACTORY RESET

Factory reset enables reloading of the default settings (factory setting configuration). The product can then be recognised by the configuration server again.

8.2.1 FACTORY RESET (OF THE INSTALLATION)

The default settings will only be reloaded in products belonging to the installation.

	1 Detail 🗍 Produc	cts 🕤 Channels	O Location	•	
Manage • Export • Relearn installation Factory reset of the whole installation Factory reset of unknown TP products Factory reset of unknown RF products	Coni ① 10 Products 둔 33 Inputs 뜫 25 Outputs	tents	Ar Last update Thursday 16 Febru Last export No date	т <mark>сhives</mark> иагу 2017 - 08:41	
Download all devices of the installation Factory reset of RF Coupler	Outputs	Group by :	last date of expor Wednesday 15 Fet Location	t domovea bruary 2017 - 18:15	~
RF coupler detection					

- Click on the **Manage** tab.
- Click on Factory reset.

A "Factory reset of an installation" window appears:

Factory res	Factory reset of installation						
	Do you really want to do a factory reset on this installation ?						
	Yes	No					

- Click Yes to confirm.

> Note:

A factory reset can also be performed just on the product (see chapter 6.1.3)

8.2.2 FACTORY RESET OF UNKNOWN TP PRODUCTS

The default settings will only be reloaded in wired products not belonging to the installation.

Installations	î Detail	Products	Ghannels	Cocation		•	E	¢
Manage • Export • Relearn installation Exctory reset of the whole installation Factory reset of the whole installation Factory reset of unknown TP products Factory reset of unknown RF products Download all devices of the installation	는 3	Content D Products 3 Inputs 5 Outputs	S	Last exp No date last date	16 February 2017 - 08:41			
Factory reset of RF Coupler RF coupler detection	Outputs		Group by :	Location				>

- Click on the **Manage** tab.
- Click on Factory reset of unknown TP products.

An "Unknown TP products factory reset" window appears:

Unknown TP products factory reset					
Do you really want to factory reset unknown TP products?					
e products are in addressing mo	de.				
No					
	e products are in addressing mo				

- Press the Physical address button for the relevant products.
- Click Yes to confirm.

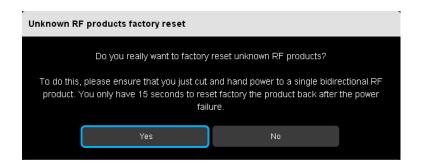
8.2.3 FACTORY RESET OF UNKNOWN RF PRODUCTS

The default settings will only be reloaded in radio products not belonging to the installation.

	î Detail	Products	Channels	Cocation		•	E	¢
Manage • Export • Manage • Export • Relearn installation Factory reset of the whole installation Factory reset of unknown TP products Factory reset of unknown RF products Download all devices of the installation	는 3	Content: D Products B Inputs 5 Outputs	S	Last exp No date last date	16 February 2017 - 08:41	ō		
Factory reset of RF Coupler RF coupler detection	Outputs		Group by :	Location				~

- Click on the Manage tab.
- Click Factory reset of unknown RF products.

An "Unknown RF products factory reset" window appears:



- Press the radio product CFG button

OR

- Switch the radio product on/off.
- Click Yes to confirm.

8.3 DOWNLOADING

Downloading enables reloading of the installation settings in each product. It thus restores consistency between the installation configuration and the setting stored in the configuration server.

There are several downloading modes.

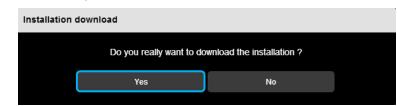
- Downloading a product (see chapter <u>6.1.3</u>)
- Downloading modifications only (see chapter 9.1)
- Downloading from a notification (see chapter 6.5)
- Downloading the entire installation

This last function is mainly used when the installation setting is faulty. This downloading reprograms all of the products with the last setting that was backed up.

S Installations	Detail Products	- Channels	O Location		6
Manage • Export • Relearn installation Factory reset of the whole installation Factory reset of unknown TP products Factory reset of unknown RF products Download all devices of the installation	Contents ① 10 Products 단 33 Inputs 단 25 Outputs	5	Archives Last update Thursday 16 February 2017 - 08:41 Last export No date last date of export domovea Wednesday 15 February 2017 - 18:	15	
Factory reset of RF Coupler RF coupler detection	lutputs	Group by :	Location		~

- Click on the Manage tab.
- Click Download of devices of the installation.

An "Installation download" window opens:



Click Yes to confirm.

> Note:

-

Downloading is essentially used when modifications have been made to the settings when the configuration tool is not linked to the installation bus.

8.4 RF COUPLER

Two functions are available to facilitate installation of the media coupler:

- Factory reset the RF Coupler in order to return the product to its original configuration for detection
 RF coupler detection in order to integrate the product into the project

> Note: These functions are only visible when there is a media coupler in the project.

8.4.1 FACTORY RESET THE RF COUPLER

	🚹 Detail 🗍	Products 🗐 Channels	Cocation	•	
Installation - 01 Manage • Export • Relearn installation Factory reset of the whole installation Factory reset of unknown TP products Factory reset of unknown RF products Download all devices of the installation	☐ 10 Produ 둔 33 Input 뚠 25 Outp	s	Last update Thursday 16 Febru Last export No date last date of export		
Factory reset of RF Coupler RF coupler detection	Outputs	Group by :	Location		~

- Click the Manage tab.
- Click Factory reset RF Coupler.

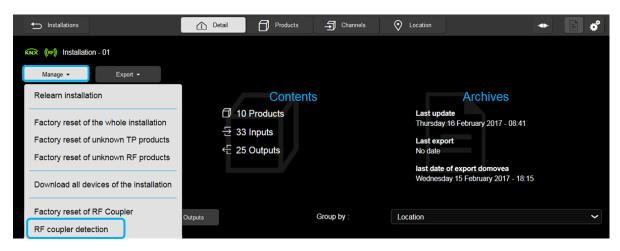
A window appears:



- Click Yes to confirm.

The RF coupler will be returned to factory settings to be integrated into a project.

8.4.2 RF COUPLER DETECTION



- Click the Manage tab.
- Click RF coupler detection

The configuration tool searches for the available media coupler and integrates it into the project.

The (RF) symbol turns green to indicate that the media coupler was properly connected.

8.5 EXPORT

8.5.1 SAVE INSTALLATION

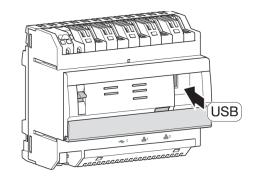
The created installation is backed up in the configuration server.

Exporting an installation backs the project up on different computer storage media.

Exporting can be performed from a tablet or Smartphone by connecting a USB key to the configuration server, or from a PC.

From a tablet or Smartphone

- Insert the USB key into one of the configuration server's USB ports.



🛨 Installat	ions		1 Detail	Products	🚽 Channels	O Location	•	E #
KNX ((RF)) IN	stallation -	01						
Manage •	·][Export -						
	Cus	Save installation		ents	\$	A	rchives	
Name		Export to domovea	file			Last update Thursday 16 Febr	uary 2017 - 08 ⁻ 41	
Address		Export to domovea	server			Last export		
Phone		Export documentati	on			No date		
Email						last date of expo Wednesday 15 Fe	rt domovea ebruary 2017 - 18:15	

- Click on the **Export** tab.
- Click on **Save installation** to generate the back-up of the installation in "**.txa**". The file name corresponds to the application name.



- Archive the backed up file.

To restore the configuration, please see chapter 4.2.1

From a PC

🛨 Installa	tions		Detail	Products	- Channels	O Location	-	¢
KNX ((RF)) II	nstallation -	01						
Manage	-	Export -						
	Cus	Save installation		ents			Archives	
Name		Export to domovea f	ile			Last upda	te I6 February 2017 - 08:41	
Address		Export to domovea s	erver					
Phone		Export documentation				Last expo No date		
Email		Export documentation	лт —			last date o	f export domovea	
						Wednesda	y 15 February 2017 - 18:15	

- Click on the **Export** tab.
- Click on Save installation to generate the back-up of the installation.

A window appears:

Enregistrer sou	IS								?×
Enregistrer dans :	C ANGLAIS		~	G	ø	Þ	•		
Mes documents récents	📾 Installation - 01.txa								
Bureau									
Mes documents									
Poste de travail									
Poste de travail	Nom du fichier :	Installation - 02.txa					*	Enre	egistrer
S	Туре:	Fichier TXA (.txa)					*	An	nuler
Favoris réseau									.:

The file name corresponds to the application name by default.

- Click Save.
- Archive the backed up file.

> Note:

The file management window may not appear. In this case, the file is directly generated with the default name in the downloading directory in your web browser. For this window to appear, refer to your web browser settings in the Downloading tab.

To restore the configuration, please see chapter 4.2.2

8.5.2 EXPORTING THE INSTALLATION TO DOMOVEA

When the setting is complete, the configuration can be automatically transferred to a Domovea server. In this case, all device types as well as the layout of the house are generated.

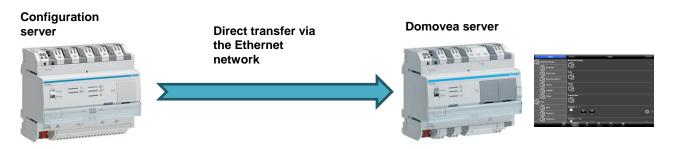
There are two transfer methods:

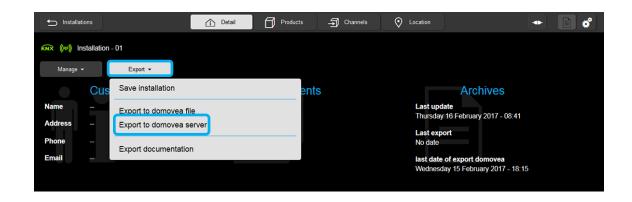
- Export the installation to Domovea (locally): settings transfer is carried out using a configuration file, which is manually imported to Domovea.
- Export the installation to Domovea (directly): the transfer is direct when the configuration server and the Domovea server are found on the same IP network.
- Note:

To be able to transfer a file, you must have Domovea version 3.6.0.2 as a minimum.

8.5.2.1 Exporting the installation to Domovea (directly)

The transfer is direct when the configuration server and the Domovea server are found on the same IP network.





- Click on the Export tab.
- Click on Export to Domovea server (directly)

TXA100 configuration tool Installer manual



The configuration programme offers a list of Domovea servers present on the network.

- Click on **Discovery** to refresh the list of Domovea servers present

Export to domovea server								
Please select server	Discovery							
TJA4XX-F043F3	192.168.0.20							
TJA4XX-F043F3								
Export	Close							

- Select the relevant Domovea server or manually enter the name of the server.
- Click **Export** to transfer the configuration.

Loading	is	automatic.
---------	----	------------

Export to domovea server									
The export of the installation was completed successfully									
Please select server									
TJA4XX-F043F3	192.168.0.20								
TJA4XX-F043F3									
Export	Close								

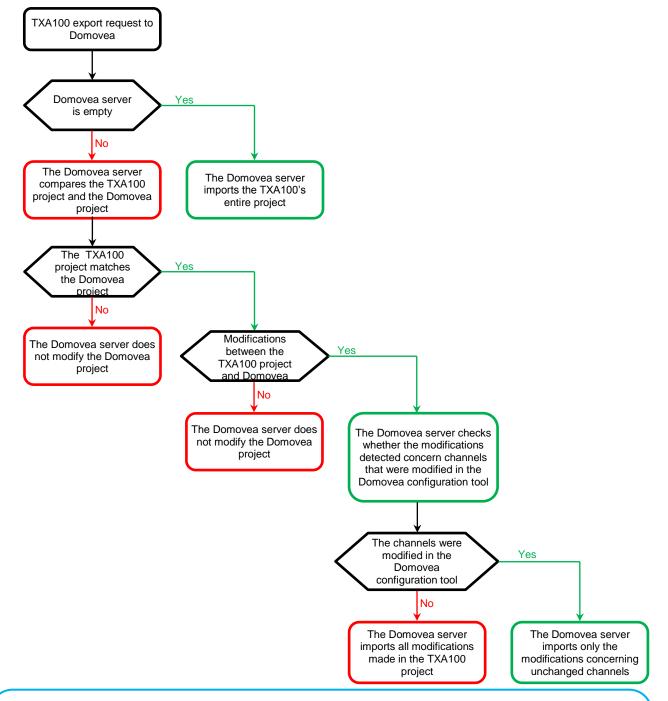
A message indicates that the export has been successfully completed.

- Launch the Domovea client. Devices are displayed according to the exported setting.

House	categories House	commands
Basement Garage	Basement Garage	
Basement		
	Floor	
Electrical cabinet 1		
Garage	Garret	
Pantry	Ground floor	
CD واسم	만	
D Bath	TXA610 - 1 - 1	
Bedroom 1	burn off burn on	0 >
Bedroom 2	TXA610 - 1 - 10	
daubboar	d devices facottes automation cameras energy	

Domovea's incremental exporting

Domovea's export function is able to compare the TXA100 installation file with the Domovea project file. The block diagram below shows Domovea's incremental exporting:



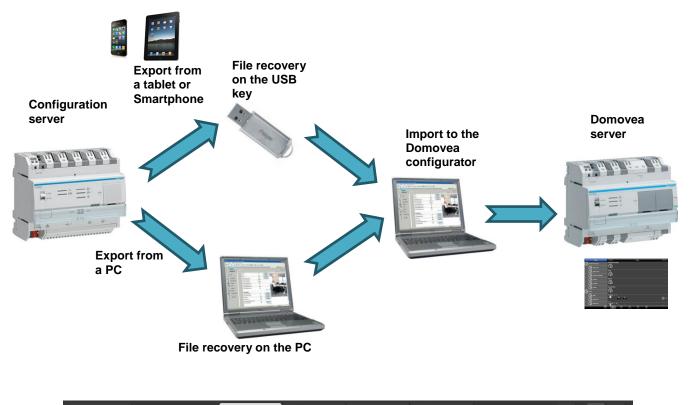
Note:

Domovea's incremental exporting is only available on version 3.6.0.2 of the Domovea software.

Domovea's incremental exporting is not compatible with a Domovea project generated using the **TX100**. A new export of the TXA100 project must be completed leading to the loss of modifications made using the Domovea configuration tool.

8.5.2.2 Exporting the installation to Domovea (locally)

Settings transfer is carried out using a configuration file, which is manually imported to Domovea.



🛨 Installa	tions		🚹 Detail	Products	- Channels	Continent		•	*
KNX ((RF)) Ir	stallation	- 01							
Manage	-	Export -							
	Cus	Save installation		ent	S		Archives		
Name		Export to domovea fi	le			Last upda Thursday	i te 16 February 2017 - 08:41		
Address		Export to domovea s	erver			Last expo			
Phone		Export documentation	n			No date			
Email							of export domovea ay 15 February 2017 - 18:15	ō	

- Click on the Export tab.
- Click on Export the installation to Domovea (locally) to generate the Domovea installation file in ".ezt" format.

A window appears:

Enregistrer sou	S						? 🛛
Enregistrer dans :	🚞 ANGLAIS		~	G 🦻	Þ	•	
Mes documents récents Bureau	Installation - 01.ezt						
Mes documents							
3							
Poste de travail	Nom du fichier :	Installation - 01.ezt				*	Enregistrer
	Туре :	Fichier EZT (.ezt)				*	Annuler
Favoris réseau							

The file name corresponds to the application name by default.

- Click Save.

> Note:

The file management window may not appear. In this case, the file is directly generated with the default name in the downloading directory in your web browser. For this window to appear, refer to your web browser settings in the Downloading tab.

- Launch the Domovea configurator.



Domovea configurator (configuration tool)

TXA100 configuration tool Installer manual

📓 Domovea conf	iguration				
	ration ?				
Server Select	ion	16	💠 Add 🔀 Remove 🕼 Duplicate 🛛 🐼 Apply 🛞 Cancel		
🏹 Server Settine	gs			All items	
💷 Data manage	ment 🕨		domovea import/export	No filter	YX
🐼 Quit		E	TXA100 Import home		
		-11			
			Background None		
			Current group items		
		=1			
Groups					
E Devices					
Cameras					
24: Automation					
Measures					
Profiles					
Icons and Ba	ackgrounds				
_	_	-			
KNX interface 👻	T T T A 499 E			(L	

- Click on the General tab, then Manage the data, then Import TXA100.

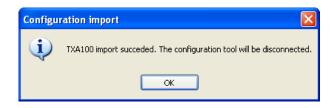
> Note:

Before importing a TXA100 configuration, the Domovea server must be reset (blank setting).

Ouvrir								? 🛛
Regarder dans :	C ANGLAIS		*	0	ø	Þ	•	
Mes documents récents	Installation - 01.ezt							
B ureau								
Mes documents								
Poste de travail	Nom du fichier :	Installation - 01.ezt					*	Ouvrir
(1)	Fichiers de type :	Tous les fichiers					~	Annuler
Tavoris réseau		Ouvrir en lecture seule						

- Select the desired ".ezt" file and click Open

The following message is displayed, indicating that downloading was successful.



- Click on OK to restart the Domovea configurator
- Launch the Domovea customer. Devices are displayed according to the exported setting.

House	categories House	commands
Basement Garage	Basement Garage	
Boiler room	Floor	,
Electrical cabinet 1		
Garage	Garret	
Pantry	Ground floor	
Floor		
Bath	TXA610 - 1 - 1	
Bedroom 1	turn off turn on	O Ø
Bedroom 2	TXA610 - 1 - 10	
dashboard		

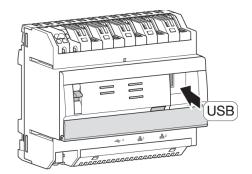
8.5.3 EXPORTING THE INSTALLATION REPORT

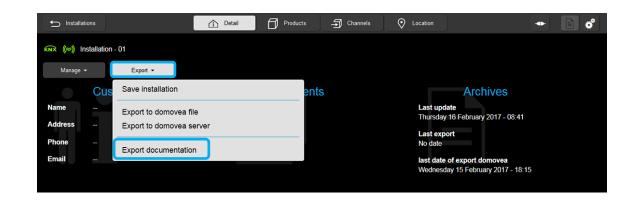
The backup of the installation created is stored on the configuration server.

The installation report can be exported as a document containing all the information about the installation. This export can be carried out using a tablet or a smartphone by connecting a USB memory stick to the configuration server or from a PC.

8.5.3.1 Using a tablet or a smartphone

- Insert a USB memory stick in one of the USB ports of the configuration server.





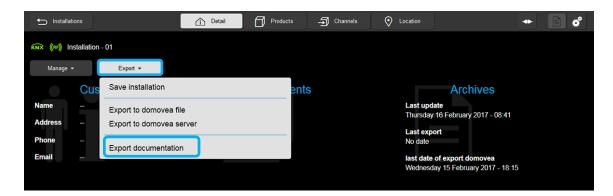
- Click the Export tab.
- Click Export documentation.

A window is displayed:

Installation documentation			×
Select contents of installation documenta	ation		
🗹 🗇 Products list			
Group by	None	~	
🖬 🗇 Input list			
Group addre	ess details		
Group by	None	~	
🖬 🗇 Output list			
Group addre	ess details		
Group by	None	~	
Export		Close	

- Select the report contents based on the products, inputs and outputs.
- Click **Export** to generate the installation report to ".pdf". The file name is the name of the application.

8.5.3.2 From a PC



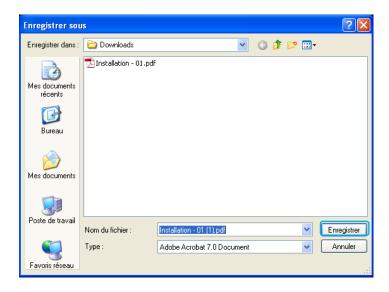
- Click the Export tab.
- Click Export documentation.

A window is displayed:

Installation documentation		×
Select contents of installation documenta	tion	
🗹 🗇 Products list		
Group by	None 🗸	
🗹 🗇 Input list		
Group addres	ss details	
Group by	None 🗸	
🗹 🗇 Output list		
Group addres	ss details	
Group by	None 🗸	
Export	Close	

- Select the report contents based on the products, inputs and outputs.
- Click Export.

A window is displayed:



By default, the file name is the name of the application.

- Click Save.

> Note:

The file management window may not be displayed. In that case, the file is generated directly with the default name in the Downloads directory of your Web browser. To display the window, see the settings for your Web browser under Downloads .

8.5.3.3 Installation report format

The installation report can be composed of a selection of different components.

- Select the desired lists.

Installation documentation		×
Select contents of installation documentat	ion	
🗹 🗇 Products list		
Group by	None 🗸	
🗹 🗇 Input list		
Group addres	s details	
Group by	None 🗸	
🗹 🗇 Output list		
Group addres	s details	
Group by	None 🗸	
Export	Close	

The report is composed of:

- The **cover page** that recaps the information about the installation.

- The **list of products** that can be classified by place, use, reference or unsorted.

easy	INSTALLATION DOCUMENTATION
	Installation : Installation - 01 Contract number : - Modification date : 24/02/2016 - 09:00 Printing date : 26/02/2016 - 09:11
Installer	
Name :	
Address : Phone :	
Email :	
Customer	
Name :	
Address :	
Phone :	
Email :	
	:hager
en v	:hager Products list
ee ooy • Maaada	Products list
TX89692F - 1 House 1 output for shuttenblinds + 2 inputs	Products list
TXB652F - 1 House 1 output for shuttenbinds + 2 inputs TXE530 - 1	Products list
1708/5026 - 1 House 1 output for shuttlenblinds + 2 inputs 17XE330 - 1 House KNIX (CPS Woether station	Products list
TXB/68/F - 1 House 1 output for shutlenblinds + 2 inputs TXES30 - 1 House (AKX CPS Weather station WST302 - 1 House Syste put houten KOX 2gang WST304 - 5	Products list Use <u>at Personators</u> Configuration Charred 1-2: Browy LED Cater for Charred
TDBUSCP - 1 Hoare 1 adpt for stantenbinds + 2 inputs TESSD - 1 Hoare WGT326 - 1 WGT326 - 1 Hoare Synthe Junk-Index (Aloc Spang) WGT36 - 1 Hoare Synthe Junk-Index (Mot Spang), with LED WGT34 - 1	Products list Use a Parameters Configuration Channel 12: Brany LED Color for On: Oncom LED Color for On: Oncom
1700007-1 house resultabilities + 2 inputs 1 are 2000 - 1 are 2 inputs Note Care 2	Products list Use at Percenters Configuration Cleaned 12: Brany USD Cafe for 01: Gram US
1200007-1 Tools for branchishede + 2 reputs 170520-1 Net Ger Strategies - 2 reputs NAV GPS 100-1 Syste park-bedan NAC 2 gang Will 316-1 Syste park-bedan NAC 2 gang, with LED WID30-1 Hease Syste park-bedan NAC 6 gang, with LED WID30-1 Hease Syste park-bedan NAC 6 gang, with LED WID30-1 Hease	Products list Use a Parameters Configurate Grand 12: Brany UID Cafe for 6: Grain UID Caf
TDBUSCP - 1 Hoare 1 adpt for stantenbinds + 2 inputs TESSD - 1 Hoare WGT326 - 1 WGT326 - 1 Hoare Synthe Junk-Index (Aloc Spang) WGT36 - 1 Hoare Synthe Junk-Index (Mot Spang), with LED WGT34 - 1	Products list the a Parameters Configuration Channel 12: Strary LED Cafer for On: Oneon LED Cafer for On: Comen LED

- The **list of inputs** that can be classified by place, function, reference or unsorted.

- The **list of outputs** that can be classified by place, use, reference or unsorted.

	988y		Input list		
	30 Inputs		inked outputs	Z Parameters	
8	TXB692F - 1 - 1 House - ON 1 90	*	TXA610 - 1 - 1 House	Inverted : Not inverted	
٥	TXB692F - 1 - 2 House - OFF	\$	TXA610 - 1 - 1 House	Inverted : Not inverted	
8	WST302 - 1 - 1 House - Shutter UP	•	TXA624C - 1 - 1 House		
9	WST302 - 1 - 2 House - Shutter DOWN	•	TXA624C - 1 - 1 House		
ł	TXE530 - 1 - 1 House - Common function				
đ	WST302 - 1 - 3 House - Heating/Cooling				
	WST316 - 1 - 1 House - No function				
٩	WST316 - 1 - 2 House - No function				
٩	WST316 - 1 - 3 House - No function				
٩	WST316 - 1 - 4 House - No function				
٩	WST316 - 1 - 5 House - No function				
٩	WST316 - 1 - 6 House - No function				
đ	WST316 - 1 - 7 House - Heating/Cooling				
٩	WST324 - 1 - 1 House - No function				
۲	WST324 - 1 - 2 House - No function				
۲	WST324 - 1 - 3 House - No function				
۲	WST324 - 1 - 4 House - No function				
۲	WST324 - 1 - 5 House - No function				
۲	WST324 - 1 - 6 House - No function				
۲	WST324 - 1 - 7 House - No function				
۲	WST324 - 1 - 8 House - No function				
٩	WST324 - 1 - 9 House - No function				
٩	WST324 - 1 - 10 House - No function				
٩	WST324 - 1 - 11 House - No function				

ults 1-1 ighting 1-2 ighting 1-3 ighting 1-4 ighting 1-5 ighting		5 0 1	inked inputs TXB652F - House TXB652F - House WST302 - 1 House	1-1 1-2 I-1	21 Parameters Tend dardine : 2 min CoOPE preventing : 20 is San poolion : And active Welk Alama Model : An Wind alama Bady dashing lines for and pooleooling (mp) : 20 Coopeng type : 20 ntor and Andro Talk another of stat starper Tend another of stat starper Dom movement dardine : 120 Dom movement dardine : 120 Dom movement dardine : 120 Prevention on the another that another Tend Anatone : 2 min CoOPE preventing : 20 s Tend Anatone : 2 min CoOPE preventing : 20 s Tend Anatone : 2 min CoOPE preventing : 20 s
1-2 Johnson Jo		0	House TXB692F - House WST302 - 1 House WST302 - 1	1-2	Cd OFF pre-senting : 30 s Surg position : Not active Wed Alarm Ined : Ab Wind alarm Naky dasing time for dia position (pm) : 50 das and hald Baith Alarm : Abit Toth another of hald angle: 12 Down movement dansfer: 120 Up movement dansfer: 120 Position on sind ann: Ab active Position on sind ann: Ab active Position on sind ann: Ab active Position on sind ann: Ab active Timer dansfer: 27 ann Cda COFF pre-sensing : 30 s Timer dansfer: 27 ann Cda COFF pre-sensing : 30 s Cda COFF pre-sensing : 30 s Timer dansfer: 27 ann Cda COFF pre-sensing : 30 s
1-2 ighting 1-3 ighting 1-4 ighting 1-5			TX8692F - House WST302 - 1 House WST302 - 1	1-1	Sur position - Nor active Weld Alexen Ived 1. No Visio danse Rady daning time for all a positive prime) : 500 Okojing type : 50xHor and foint Radi Aneme. No Todi nonber of all angles : 120 Dom movement dansfin: 120 Dem movement dansfin: 120 Pedidos on mink ann: Net Active Pedidos on mink anni anni Active Pedidos on mink anni anni anni anni anni Pedidos on mink anni anni anni anni anni anni Pedidos anni anni anni anni anni anni anni Cat CHT pre-wanning : 370 A
1 - 2 ighting 1 - 3 ighting 1 - 4 ighting 1 - 5			House WST302 - 1 House WST302 - 1	1-1	We Alam tool 7.00 tool alam Bady during tools in the all positioning tools 100 Ching type : 100 tools and Bady Alam : 50 Tools another of alid angles : 12 Doom moved durings : 120 Doom moved durings : 120 Doom moved durings : 120 Pedioto on suited alam: 162 active Pedioto on suited alam: 162 active Pedioto on suited alam: 162 active Timer duration : 27 an Cut Off pre-serving : 3 /s Timer duration : 27 an Cut Off pre-serving : 3 /s
1 - 2 ighting 1 - 3 ighting 1 - 4 ighting 1 - 5		-	WST302 - 1 House WST302 - 1		We Alam tool 7.00 tool alam Bady during tools in the all positioning tools 100 Ching type : 100 tools and Bady Alam : 50 Tools another of alid angles : 12 Doom moved durings : 120 Doom moved durings : 120 Doom moved durings : 120 Pedioto on suited alam: 162 active Pedioto on suited alam: 162 active Pedioto on suited alam: 162 active Timer duration : 27 an Cut Off pre-serving : 3 /s Timer duration : 27 an Cut Off pre-serving : 3 /s
1 - 2 ighting 1 - 3 ighting 1 - 4 ighting 1 - 5		-	House WST302 - 1		We Alam tool 7.00 tool alam Bady during tools in the all positioning tools 100 Ching type : 100 tools and Bady Alam : 50 Tools another of alid angles : 12 Doom moved durings : 120 Doom moved durings : 120 Doom moved durings : 120 Pedioto on suited alam: 162 active Pedioto on suited alam: 162 active Pedioto on suited alam: 162 active Timer duration : 27 an Cut Off pre-serving : 3 /s Timer duration : 27 an Cut Off pre-serving : 3 /s
1-2 ighting 1-3 ighting 1-4 ighting 1-5			WST302 - 1	1-2	Rady status gives for all an positivity gives 1:50 dr Counting types 1:50 draw and Moriel Radia Aleman. No: Total number of alls angles 1:27 Doom movement duration: 1:20 Doom movement duration: 1:20 Patietics on minical and the Attactive Patietics on a minical and the Attactive Patietics on a status and the Attactive Patietics o
ighting 1-3 ighting 1-4 ighting 1-5				1-2	ala positiving two): 100 Chaing type: 100m and that Rain Ham: No: Trida number of alat angline: 120 Down movement disardine: 120 Down movement disardine: 120 Position on suited alam: 2014 active Position on suited alam: 2014 active Timer duration: 220 m Cut Off pro-swening: 20 m Cut Off pro-swening: 20 m Cut Off pro-swening: 20 m Cut Off pro-swening: 20 m
ighting 1-3 ighting 1-4 ighting 1-5			House		Oxing type: Souther and Mort Real Areas, No Total number of alls angles: 12 Does movement duration: 120 Up movement duration: 120 Patistics on mind ann: NA active Patistics on mind ann: NA active Timer duration: 27 ann Cat CHT preventing: 39 a Timer duration: 27 ann Cat CHT preventing: 39 a Timer duration: 27 ann Cat CHT preventing: 37 a
ighting 1-3 ighting 1-4 ighting 1-5					Bai Alem No Teal scheder dela righte : 12 Dan movemet duales : 120 Up accente duales : 120 Padison on sin alem : Not active Padison on sin alem : Not active Timer duales : 22 m Cat Off preventing : 2 m
ighting 1-3 ighting 1-4 ighting 1-5					Total number of lata regine : 12 Down movement duration : 120 Up movement duration : 120 Paulicis on similation : 124 active Paulicis on similation : 124 active Three duration : 224 Three duration : 224
ighting 1-3 ighting 1-4 ighting 1-5					Down movement duration : 1/20 Up movement duration : 1/20 Position on wind attern: Not active Position on wind attern: Not active There duration : 2 min Cut-OFF pre-warming : 20 # There duration : 2 min Tarter duration : 2 min
ighting 1-3 ighting 1-4 ighting 1-5					Up movement durations : 20 Position on mini alarm : Not active Position on wind alarm : Not active There durations : 2 min Cut-OFF pre-warring : 30 a There duration : 2 min Cut-OFF pre-warring : 30 a
ighting 1-3 ighting 1-4 ighting 1-5					Position on rain alarm : Not active Position on wind alarm : Not active Timer duation : 2 min Out-OFF pre-warning : 30 s Timer duation : 2 min Out-OFF pre-warning : 30 s Timer duation : 2 min
ighting 1-3 ighting 1-4 ighting 1-5					Position on wind alarm : Mot active Timer duration : 2 min Cut-OFF pre-seming : 30 s Timer duration : 2 min Cut-OFF pre-seming : 30 s Timer duration : 2 min
ighting 1-3 ighting 1-4 ighting 1-5					Timer duration : 2 min Cut-OFF pre-warning : 30 s Timer duration : 2 min Cut-OFF pre-warning : 30 s Timer duration : 2 min
ighting 1-3 ighting 1-4 ighting 1-5					Cut-OFF pre-warning : 30 s Timer duration : 2 min Cut-OFF pre-warning : 30 s Timer duration : 2 min
1 - 3 ighting 1 - 4 ighting 1 - 5					Timer duration : 2 min Out-OFF pre-warning : 30 s Timer duration : 2 min
ighting 1-4 ighting 1-5					Cut-OFF pre-warning : 30 s Timer duration : 2 min
1-4 ighting 1-5					Timer duration : 2 min
ighting 1-5					
1-5					
					Timer duration : 2 min
					Cut-OFF pre-warning : 30 s
1-6 ighting					Timer duration : 2 min
					Cut-OFF pre-warning : 30 s Timer duration : 2 min
ighting					Cut-OFF pre-warning : 30 s
1.0					Timer duration : 2 min
ighting					Cut-OFF pre-warning : 30 s
1.0					Timer duration ; 2 min
ighting					Cut-OFF pre-warning : 30 s
1 - 10					Timer duration ; 2 min
ighting					Cut-OFF pre-warning : 30 s
	1 - 8 ighting 1 - 9 ighting 1 - 10	ighting 1-8 ighting 1-9 ighting 1-10	ighting 1 - 8 ighting 1 - 9 ighting 1 - 10	1 - 8 1 - 9 1 - 10	ughting 1 - 8 ghting 1 - 9 - 1 - 10 - 1 - 10

The list of addresses classified by inputs and outputs (if the Group address details option is selected).

•	185y	List of gro	up addresses pe	a input
÷	30 Inputs	Ob	jects	Group addresses
8	TXB692F - 1 - 1 House - ON	+E	OwOff	24/4/24 / [0/4/5 (0009400AF049)
٥	TXB692F - 1 - 2	÷	OnVOIT	24/4/24 / (D/4/5 (0009400AF049)
8	House - OFF WST302 - 1 - 1			24446
	House - Shutter UP	÷	Up/Down Stop	24/4/0
	WST302 - 1 - 2	£	Up/Down	244/61
	House - Shutter DOWN		Stop	24/4/70
ł	TXE530 - 1 - 1	۰E	Outdoor temperature	24/4/5
	House - Common function		Wind speed	24/4/5/
			Luminosity	24/4/62
			Day/Night	24/4/60
			Wind alarm 1	24/4/6*
			Wind alarm 2	24/4/5
			Wind alarm 3	24/4/5
			Rain alarm	24/4/5
_			Frost alarm	24/4/5
۲	WST316 - 1 - 1 House - No function			
۲	WST316 - 1 - 2 House - No function			
۲	WST316 - 1 - 3			
۲	House - No function WST316 - 1 - 4			
-	House - No function			
٩	WST316 - 1 - 5 House - No function			
٩	WST316 - 1 - 6 House - No function			
٩	WST324 - 1 - 1 House - No function			
٩	WST324 - 1 - 2 House - No function			
۲	House - No function WST324 - 1 - 3			
•	WST324 - 1 - 3 House - No function WST324 - 1 - 4			
÷	WST324 - 1 - 4 House - No function			
٩	WST324 - 1 - 5 House - No function			
٩	WST324 - 1 - 6 House - No function			
0	WST324 - 1 - 7 House - No function			
٩	WST324 - 1 - 8 House - No function			
٩	WST324 - 1 - 9 House - No function			

	22 Outputs TXA610 - 1 - 1		jocts Ov/Off	Group addresses 2/4/44, 24/4/24 / [0/4/5 (0009400AF6
Π.	House - Lighting	2	Automatism deactivation	2/4/44, 24/42/4 / (UHAIS (UDUSHOUNT'S 2/4
			On/Off status	24
		ر	Automatism deactivation status	24
-	TXA624C - 1 - 1		Up/Down	24/9, 24/
	House - Shutter		Step/Stop	200,00
			Step	24/6.24/
			Position control	2
			Slat angle control	-
			Automatism deactivation	-
		Æ	Position control status	24
		-	Slat angle control status	24
			Top position	24
			Bottom position	24
			Automatism deactivation status	24
۰	TXA610 - 1 - 2	-5	OwOff	24
	House - Lighting		Automatism deactivation	24
		€	On/Off status	244
			Automatism deactivation status	244
¢	TXA610 - 1 - 3	-5	On/Off	24
	House - Lighting		Automatism deactivation	24
		€	On/Off status	244
			Automatism deactivation status	244
÷	TXA610 - 1 - 4	쥰	OwOff	24
	House - Lighting		Automatism deactivation	24
		€	On/Off status	24
			Automatism deactivation status	244
¢	TXA610 - 1 - 5	-5	On/Off	24
	House - Lighting		Automatism deactivation	24
		€	On/Off status	244
			Automatism deactivation status	244
¢	TXA610 - 1 - 6 House - Lighting	5	On/Off	24
	House - Lighting		Automatism deactivation	24
		€	On/Off status	244
			Automatism deactivation status	244
÷	TXA610 - 1 - 7 House - Lighting	5	On/Off	24
			Automatism deactivation	24
		€	On/Off status	244
			Automatism deactivation status	244

9. RELATED FUNCTIONS IN THE MENUS

9.1 ONLINE/OFFLINE CONFIGURATION

This function is used when setting of the installation is not performed on-site. When the configuration tool is "Offline", the setting for the installation is stored but not transferred to the products.

- **On-line**: the configuration tool constantly communicates with the installation. Downloading is carried out as the configuration. The installation can be tested at each stage.
- **Off-line**: the configuration tool does not constantly communicate with the installation. Full downloading is carried out at the end of the configuration.
- **Example of use:** You want to perform the settings and name the products on the desktop.
- Connect the configuration tool to the installation
- Start the configuration tool and create a new installation
- Launch product discovery.

When discovery is complete, the products are addressed and stored in the installation.

Installations	Detail	Products	Channels	Cocation			1
NR ((RF)) Installation - 01			Discovery		S Visualization	🚴 Localizati	on 👻
Search Q	All references		~			0	Reset
🗇 10 Products							
TRC270 - 2 - Socket ON / OFF TRC270 - Lighting - House						((RF))	►
TRM702A - 1 - 2 flush mounted inputs <i>TRM702A - House</i>						((RF))	►
TXA610 - 1 - Output 10 -fold TXA610 - Lighting - House							Þ
TXA624C - 1 - Output device for 4 shutters/blir TXA624C - Shutter - House	nds 230V~						Þ
TXA663A - 1 - 3-fold dimming actuator 300W, TXA663A - <i>Dimming - House</i>	universal						
TXB692F - 1 - 2-fold switch actuator 6A 230V / TXB692F - Lighting - House	AC + 2 inputs, embedd	ed					►
TXE530 - 1 - GPS Weather station TXE530 - Shutter - House							Þ
WST302 - 1 - Systo/Essensya push-button KN WST302 - Heating/Cooling, Shutter - House	X 2gang						►

- Click on to go to **off-line** mode.

From now on, all modifications to the settings will be stored in the configuration tool but not transferred to the products.

The symbol changes status to show off-line mode and a Download button appears, which enables manual control of downloading.

← Installations	🚹 Detail	Products	Ghannels	O Location			¢
KNR ((Rr)) Installation - 01					• Visualization	Download	•
() Search Q	All references		~			2	Reset
🗇 10 Products							
TRC270 - 2 - Socket ON / OFF TRC270 - Lighting - House						(RF))	•
TRM702A - 1 - 2 flush mounted inputs TRM702A - House					((RF))	►
TXA610 - 1 - Output 10 -fold TXA610 - Lighting - House					Ţ		•
TXA624C - 1 - Output device for 4 shutters/b TXA624C - Shutter - House	linds 230V~						►
TXA663A - 1 - 3-fold dimming actuator 300W TXA663A - Dimming - House	/, universal						•
TXB692F - 1 - 2-fold switch actuator 6A 230 TXB692F - Lighting - House	/ AC + 2 inputs, embe	dded					►
TXE530 - 1 - GPS Weather station TXE530 - Shutter - House							•
WST302 - 1 - Systo/Essensya push-button K WST302 - Heating/Cooling, Lighting - House							•
WST316 - 1 - Systo/Essensya push-button K	NX 6gang, with LED						

The symbol indicates that the change in setting has not been transmitted to the product.

Click on **Download** to transmit the new settings. -

> No	te:	
A choi	ce list is displayed when you click on to the right of the Download button:	
	 ✓ Visualization ↓ Download ↓ Undo pending changes Consult pending changes 	
-	Undo pending changes : deletes all modifications to settings that were not downloaded to the installation. Consult pending changes : lists all modifications to settings that were not downloaded to the installation.	

SETUP MENU 9.2

This section is for setting up the configuration server.

		*
		ti My profile
		Configuration
+ New -	🗁 Open 🖉 Edit 📺 Delete	About
Name	▲ Date	Memo
Installation - 01	Thursday 16 February 2017 - 09:16	2

Click on ; a scroll-down list appears:

- •
- My profile Configuration •
- About .

9.2.1 **PROFILE MANAGEMENT**

						&
						ti My profile
						© Configuration
+ New -	🗁 Open	🖉 Edit	Delete			About
Name		▲ Date				Memo
Installation - 01		Thursday 1	6 February 2017 - 0	09:16		Ð

-

Click on , then **My profile** to complete the Installer profile.

İ My profile		×
Name	Address	
Company		
Phone	Postal Code	,
Mobile	City)
Email	Country	
	France V]
Save	Cancel	

Click on **Save** after entering your profile. -

9.2.2 SERVER CONFIGURATION

					*
					ti My profile
					Configuration
+ New -	🗁 Open 🖉 Edit	Delete	J		About
Name	▲ Date				Memo
Installation - 01	Thursda	y 16 February 2017 -	09:16		Ð

Click on , then **Configuration**; a "Configuration: Update" window appears.

-

Configuration	n							×
		Device	name TJA665-F0449B					
Update	KNX	Network	Time management	Remote access	Server options	Display setti	ings Diagnostics	
		JVM v	rersion : Jpdate : Check if upda	ites are available but le	Checking for updates			
				Save	Cance	I		

- Fill out or modify the device name.

This configuration has several tabs:

- o General
- KNX
- o Network
- \circ Localisation
- Options

9.2.2.1 **Update**

Configuration					×
Device name: TJA66	5-F0449B				
Update KNX Network Time mana	gement Remote access	Server options Dis	splay settings	Diagnostics	
S Ch	omatically install updates sck if updates are available but let Install update rer check if updates are available	me decide Checking for updates]		
	Save	Cancel			

- Click the **Update** tab to see:
 - The server version (application software version)
 - The BSP version (motherboard software version)
 - ✓ The JVM version (Java virtual machine software version)

By connecting the configuration server to an Internet network, verification and downloading of software updates can be carried out automatically.

- In the "Update" section, select the update mode:
 - Install updates automatically: The new software version will be installed automatically and a notification to this effect will be sent.
 - **Check if updates are available but let me decide**: The new software version is subject to validation before installation.
 - **Never check if updates are available**: The configuration server does not check for the existence of a new software version.

9.2.2.2 KNX

Configuration						×
Device name:	TJA665-F0449B					
Update KNX Network Tim	e management	Remote access	Server options	Display settings	Diagnostics	
Physical address :						
State	Connect	Disconnect				
		Save	Cance	el		

- Click on the **KNX** tab to see:
 - The server's physical address
 - The status: connected or not
- Click on **Connect** or **Disconnect**, whichever is needed.
- Click on **Save** to confirm your choices.

9.2.2.3 Network

Configuration	n							;
		Device	name: TJA665-F0449B					
Update	KNX	Network	Time management	Remote access	Server options	Display setti	ngs Diagnostics	
br0								
			Address: 00:24:C6:F0:44	t:9B Manual				
		DNS	S server: 🗹 Auto 🛛	Manual	J			
				Save	Cance	əl		

- Click on the **Network** tab to see:
 - ✓ The MAC Address
 - The IP detection: automatic or manual
- Click on Auto or Manual, whichever is needed.
 - The DNS server: auto or manual
- Click on Auto or Manual, whichever is needed.
 - Preferred DNS server
 - Alternate DNS server.
- Manual entry of IP detection:

This section allows you to enter IP detection for the configuration server when it is not automatically allocated.

IP detection [🗆 Auto	🗹 Manual	
P	192.168.1.	2	
Subnet mask	255.255.25	55.0	
Default gateway	192.168.1.	1	

- Click on the IP field and enter the new IP detection
- Click on the Subnet mask field and enter the new mask
- Click on the Default gateway field and enter the new IP detection
- o Manual entry of the DNS server address

This section allows you to enter IP detection for the DNS server when it is not automatically allocated.

Preferred DNS server	DNS server	Auto 🛛 Manual
Alternate DNS server	Preferred DNS server	
	Alternate DNS server	

- Click on the Preferred DNS server field and enter the new IP detection
- Click on the Alternate DNS server field and enter the new IP detection
- Click on **Save** to confirm your choices.

9.2.2.4 Time management

Configuration	n									×
		Device r	name:	TJA665-F0449B						
Update	KNX	Network	Time	management	Remote access	Server options	Display set	ttings	Diagnostics	
		Tim	e zone:	(UTC+0100) E	Brussels Copenhagen	Madrid Paris		~		
Syn	chronise w	ith an Internet	server:	⊠ Yes	🗆 No					
		Time	server:	pool.ntp.org						
		Curre	nt date:							
		Curre	nt time:							
					Save	Cance	91			

- Click on the Time management tab to see:

- Time zone: Click on to select the time zone from the scroll-down list.
- ✓ Synchronise with an Internet server:
 - Click Yes or No, whichever is needed.

Yes	No
 Time server: Enter the name of the time server (by default: pool.ntp.org) 	 Current date: Enter today's date.
	 Current time: Enter the current time.

- Click **Save** to confirm your choices.

9.2.2.5 Remote access

Remote access can be used to log on to the configuration server from any machine that is connected to the Internet.

Device name: TJA665-F0449B Update KNX Network Time management Remote access Server options Display settings Diagnostics Remote access: https://kp45a9nsducfn5fle7v9541d.txa100.com Image: Comparison of the theory of the the theory of the theory of the theory of the theory	
Remote access: https://kp45a9nsducfn5fle7v9541d.txa100.com	
☑ Use of remote access	
Login: admin	
Password: hage/2015	
Save Cancel	

- Click on the Remote Access tab.
- Select Activate remote access.
- Define the Login and Password (Login: admin and Passwords: controls are the default values).
- Copy the path to access remotely (for example: kp45a9nsducfn5fle7v9522d.txa100.com)

> **Note:** The remote access path is different for each configuration server.

- Click Save to confirm these settings.

On the machine that is connected to the Internet:

- Start the Web browser.
- In the address text box, enter the path to access remotely (for example: https://kp45a9nsducfn5fle7v9522d.txa100.com)
- Enter the Login and Password.

			ď
🕂 New 🕶 🗁 Open 🖉 Edit	- III Delete		
♦ Name	▲ Date	Memo	

The Web browser starts with the Installation view.

9.2.2.6 Server options

Configuration	I								×
		Device n	ame:	TJA665-F0449B					
Update	KNX	Network	Tim	e management	Remote access	Server options	Display settin	ngs Diagnostics	
				Enable config Activate autor Activation per		out channels (Rocke	er function)		
					Save	Canc	el		

- Click on the Server options tab to access the configuration server's operational mode
 - Activate the input channel configuration support (Rocker function): depending on the type of function selected, the system will propose by default the associated function in the second input.

Select fu	Inction				×
	Outputs selected :				
	WST302 - 1 - 1 📁	Blinds Up	~	1	
	WST302 - 1 - 2 🏂▼	Blinds Down	~	1 📰 🚺	
		Link	Cancel		

- Activate automatic discovery: permits automatic scanning of the installation to discover new products.
- **Activation period**: duration between 2 automatic scans (10 mins. by default)

9.2.2.7 Display settings

Configuratio	n								×
		Device r	name:	TJA665-F0449B					
Update	KNX	Network	Time	e management	Remote access	Server options	Display setting	s Diagnostics	
		Lan	guage:	English				~	
	Time format:			24h				~	
			Theme:	Black	□ White				
				C Display arrow	v to acceed details				
				Activate conf	irmation popups				
					Save	Cance	əl		

Click on the Display settings tab to access the client-side operating mode

- Language: Click on to select your language from the scroll-down list.
- Time Format: Click on to select the format from the scroll-down list.
- ✓ Theme: This function enables the background theme to be changed.
 - \circ $\;$ Choose between two background colours: Black or white

		¢°			o'
New -	🕞 Open 🖉 Edit 📋 Delete		• New •	🕞 Open 🖉 Edit 📋 Delete	
Name	▲ Date	Memo	Name	A Date	Memo
Installation - 01	Thursday 16 February 2017 - 09:16	2	Installation - 01		

Activate an arrow to access the detailed view: used to select the display mode for the access to the detailed view.

but 10 -rold aton	

 Activate confirmation pop-ups: permits display of a confirmation window for certain actions (switching to localisation mode for example).

9.2.2.8 Diagnostics

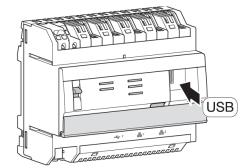
Diagnostics enable event logs to be generated for analysis in the event of installation problems.

There are two types of files:

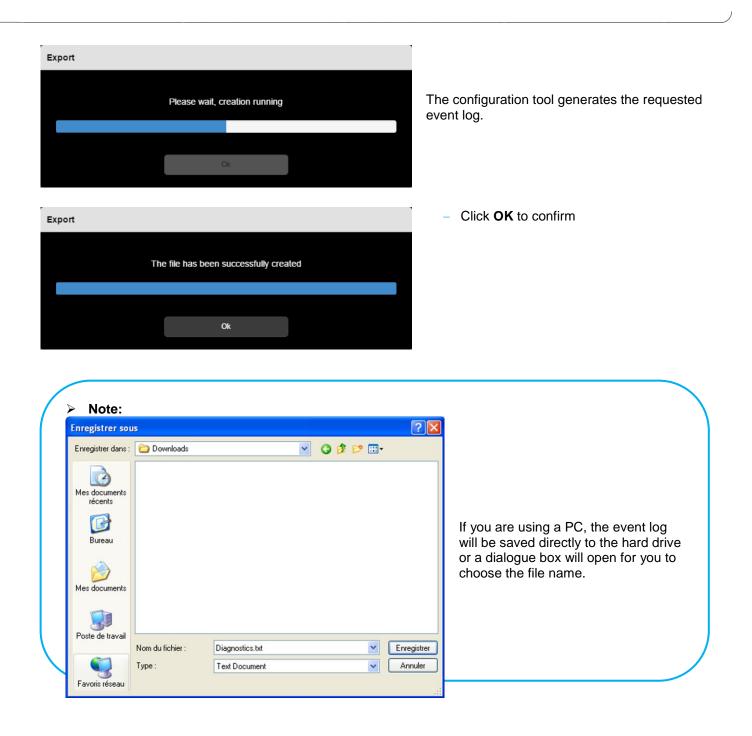
- server event logs: all events associated with the server only
- installation event logs: all events associated with a given project.

Configuration	n									×
		Device name	TJA665-F0449B							
Update	KNX	Network	ime management	Remote access	Server options	Display set	tings	Diagnostics		
								(Recover all)
🔷 Na			•							
	ime		Date					Diagno	stics	_
Serve								Diagno	stics	
Serve				ruary 2017 - 09:16				Diagno		

- Click the **Diagnostics** tab.
- Insert the USB key into one of the configuration server's USB ports if you are using a tablet or smartphone.

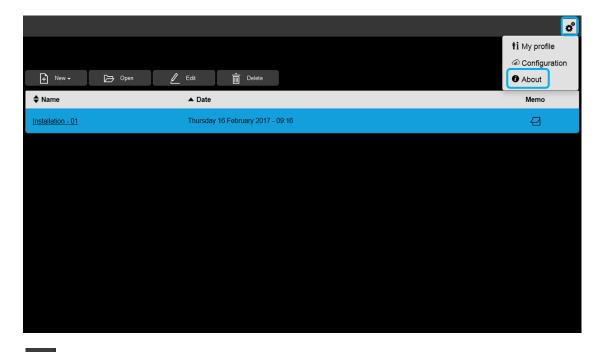


- Click one of the available buttons to generate the requested event log
 - Click Recover all to generate a file containing the server event log and the event log for all the projects stored in the configuration tool.
 - o Click Recover on the Server line to generate a file containing only the server event log
 - Click **Recover** on the project line to generate a file containing the event log for the selected project

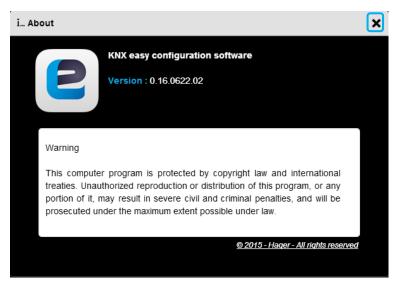


9.2.3 ABOUT

This function displays the application software version of the configuration server.



- Click on , then About to see the KNX NG software version.



- Click on × to close the window.

9.3 FUNCTIONS IN THE INSTALLATION

9.3.1 IMPORTING A TX100 INSTALLATION

This section sets out the different steps to recover the setting of an installation, performed with the TX100 configuration tool. All products that are compatible with the TX100 configuration tool are also compatible with the TXA100 configuration tool.

On the TX100:

- Back up the installation setting
- Copy this back up to a USB key connected to the TX100 The configuration tool generates a file with extension ".txh".

On the TXA100:

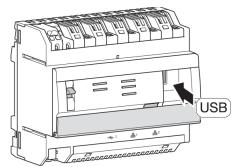
It is possible to import the back up of a setting or the back up of a TX100 installation setting from an installation's export file.

> Note:

Only files generated from the 2.10 version of the TX100 are compatible for importing. For earlier versions, you must convert the backed up files using the TX100 and the conversion programme.

From a USB key connected to the server

 Insert the USB key containing the backed up file of settings into one of the configuration server's USB ports.



New - Delete Create a new installation A Date Import installation A Date Installation - 01 Friday 26 June 2015 - 15:06
Create a new installation Import installation Memo
Import installation Memo
Installation - 01 Friday 26 June 2015 - 15:06

Click **New**; a scroll-down list appears.

Click Import installation.

An "Import installation" window appears:

nport installa	tion			×
Name		🖨 Туре	Date	
Installation	n - 01.TXH	txh	Thursday 05 May 2011 - 17:15	
	Imp	ort	Cancel	

A list of backed up settings appears:

Select the backed up setting file to import.

mport installation			>
Name	🖨 Туре	Date	
Installation - 01.TXH	txh	Thursday 05 May 2011 - 17:15	
Imj	port	Cancel	

Once the file is selected, click **Import**.

When import is finished, remove the USB key.

From a PC

		¢
🕂 New 🗸 🕞 Ope	en 🖉 Edit 📺 Delete	
Create a new installation Import installation	▲ Date	Memo
Installation - 01	Friday 26 June 2015 - 15:06	

- Click **New**; a scroll-down list appears.
- Click Import installation.

An "Import installation" window appears:

Import installation	×
Choose a file	
	Browse
Import	Cancel

- Click **Browse** to select the installation file to import. A window appears:

Ouvrir						? 🔀
Regarder dans :	C ANGLAIS		*	3 🦻	🕫 📁	
Mes documents récents	Installation - 01.txa					
D Bureau						
Mes documents						
Poste de travail						
	Nom du fichier :	Installation - 01.txh			*	Ouvrir
	Fichiers de type :	Fichiers personnalisés			~	Annuler
Favoris réseau		Ouvrir en lecture seule				

- Select the desired installation file and click **Open.**

The installation to import is in ".txh" format (TX100 file).

Import installation		×
Installation - 01.txa		
		Browse
Import	Cancel	

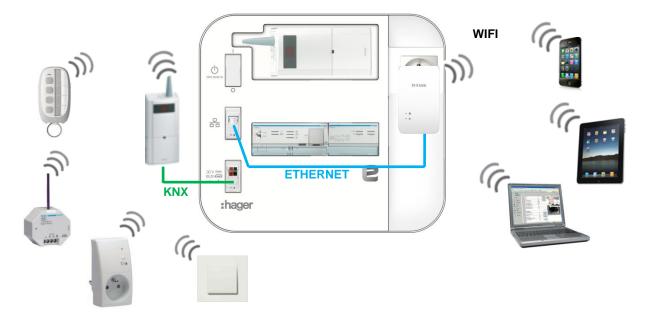
Once the file is selected, click **Import**.

9.3.2 RADIO INSTALLATION MANAGEMENT

The TXA100 configuration tool also allows you to carry out the setting for KNX radio products. To do this, you need a TR131 media coupler that enables a link between the KNX bus and the radio connection.

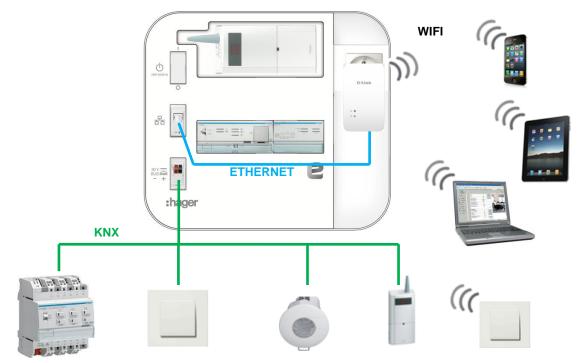
There are two options:

Radio installation only



The products in the installation are radio products only. In order to set up these products, a media coupler must be connected to the configuration tool.

Mixed installation



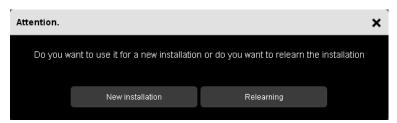
The products in the installation are radio and wired products. In this case, it is the media coupler that is already present in the installation that ensures the connection between the configuration tool and the radio connection.

Media coupler discovery

When starting the setup of an installation, the configuration server will automatically recognise the media coupler. The following message appears:

Coupler selection		×
A coupler used in an other ir	nstallation is present. Use it?	
Yes	No	
Yes	No	

- Click Yes to confirm.



- Click on "New installation" to create an installation

OR

- Click on "Relearning" to relearn the existing setup.

Radio products discovery

- Carry out a factory reset on the radio products to integrate them into the installation.
- Press the radio product CFG button
- Click on the "Start discovery" button

t) Installations	🚹 Detail	Products	- Channels	O Location		• •
KNX	((RF)) Installation - 01		Dis	scovery		I Visualization	Localization -
0	Search Q	All references		~			Q Reset
٥	10 Products						
	RC270 - 1 - Socket ON / OFF RC270 - Lighting - House						((RF))
	1404 - 1 - Remote control 4-fold 1404 - House						((RF))
	(A610 - 1 - Output 10 -fold (A610 - Lighting - House						
	(A624C - 1 - Output device for 4 shutters/bli (A624C - Shutter - House	<u>nds 230∨~</u>					
	(A663A - 1 - Dimmer KNX , 3 x 300W, univer (A663A - Dimming - House	<u>'sal</u>					
	(B692F - 1 - 1 output for shutter/blinds + 2 i (B692F - Lighting - House	nputs					
	Æ530 - 1 - KNX GPS Weather station Æ530 - Shutter - House						
W	ST302 - 1 - Systo push-button KNX 2gang						

During product discovery, the radio products are recognised as wired products. An "RF" symbol indicates that it is a radio product. The product setup and creation of links is identical for wired products.

To carry out a factory reset on the radio products, refer to chapter 8.2.3.

9.3.3 PRODUCT REPLACEMENT

This section enables replacement of an installation product with another of the same reference.

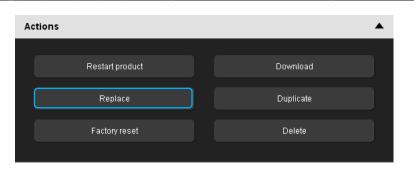
Example of an input product replacement (WST316):

- Connect the new product to the installation
- In the configuration tool, go to the **Products** tab
- Click on **Discovery** to recognise a new product

Note:

If the "**Automatic discovery**" is activated, product recognition occurs automatically at the end of a configurable period (10 minutes by default).

- Select the product to be replaced
- Click on 💌 in the Actions tab



- Click on Replace

Replace			×
Select ti	ne product to replace		
	NST316 - 2 - GB_Systo 6 PB LED Eas NST316 - Heating/Cooling, Lighting - F	•	
	Validate	Cancel	

- Select the new product from the list and confirm it.

The new product is now set up and the old one is removed from the installation.

9.3.4 PRODUCT DUPLICATION

This section duplicates the settings from one product to another with the same reference.

Example of an input product (WST316) duplication for an identical control in two different places:

- Connect the new product to the installation
- In the configuration tool, go to the Products tab
- Click on **Discovery** to recognise a new product

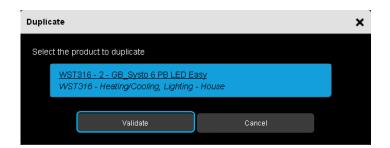
> Note:

If the "**Automatic discovery**" is activated, product recognition occurs automatically at the end of a configurable period (10 minutes by default).

- Select the product to be duplicated
- Click on
 in the Actions tab

Ad	tions	▲
	Restart product	Download
	Replace	Duplicate
	Factory reset	Delete

- Click on Duplicate



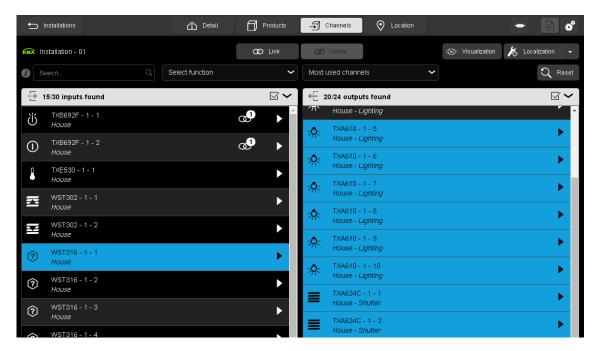
- Select the new product from the list and confirm it.

The new product is now set up with the same features as the product that is already in place.

9.3.5 OPERATION OF SCENES

The Scene function groups a set of outputs. These outputs can be set to a configurable pre-defined status. A scene is activated by pressing a single push-button. Each output can be integrated into 8 different scenes.

- Setting up a scene
- Select the input(s) controlling the scene
- Select the output(s) assigned to the scene



Click on the "Link" button.

-

	ations et function	⚠️ Detail 🦳 Products 🔄 Channels 💽 Location 🛶	×
KNX	Outputs selected :	2 ∰ 6 - \$	• eset
- E	WST316-1-1 🍞	No function	\sim
		▼ Lighting	-
Ü		பூ ON	
		Toggle switch	
		ርኤ Timer	
		😃 Priority ON toggle	
		Q Priority OFF toggle	
		Scene	
		Automatic control deactivation togale House - Ligning	
		TXA624C - 1 - 1	
		House - Shutter	
- 1104		TXA624C - 1 - 2 House - Shutter	

A "Select function" window appears:

Select the "Scene" function

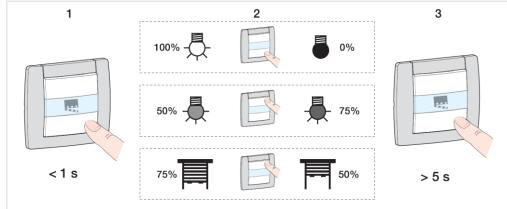
Select function				×
Outputs selected :	6 ¢			
WST302 - 1 - 1	Scene	~	8 2	
	Scene number	1		
	Link	Cancel		

- Enter the scene number (1 to 8).
- Click on the "Link" button.

Scene learning and storage

This procedure allows you to modify and store a scene by local action on the push-buttons located in the room. Storing a scene using a push-button located in the room.

- Enable the scene by pressing briefly on the transmitter that triggers the scene.
- Set the outputs (lights, rolling shutters, etc.) to the desired status using the usual local controls (pushbuttons, remote control, etc.).
- Store the status of outputs by pressing and holding (for more than 5 seconds) on the transmitter, which triggers the scene. Storage is indicated by brief activation of the outputs.



10. PRODUCTS APPENDIX

This chapter discusses the compatibility of the existing Hager product range with the new TXA100 configuration tool compared with the products compatible with the TX100.

The following chapters explain the configuration of certain products that require further explanation.

10.1 LIST OF PRODUCTS

10.1.1 WIRED PRODUCTS

Reference	Designation	Note
TCC510S	Presence detector 360° monobloc KNX	
TR130	Media coupler	§10.4
TR131	Media coupler	§10.4
TX206H	Heating actuator 6 channels	
TX302	Flush mounted input device 2-fold	
TX304	Flush mounted input device 4-fold	
TX304AS	Flush mounted input+status output 2-fold	
TX308	Flush mounted input + LED output 4-fold	
TX308AS	Flush mounted input+status output 4-fold	
TX320	Thermostat	§10.7
TX450	Room controller Tebis	§10.8
TX460A	Environment control and regulation Tebis White	§10.7
TX501	Valve actuator	
TX502	Valve actuator with temperature control	
TX510	EIB Presence detector	
TX511	EIB presence detector with Light Regulation	
TXA201A	1 flush mounted output 4A twisted pair	
TXB201A	1 flush mounted output 4A twisted pair	
TXB202A	2 flush mounted output 4A twisted pair	
TXB202-a2	2 flush mounted output 4A twisted pair	
TXB302	Flush mounted input device 2 -fold	
TXB304	Flush mounted input device 4 -fold	
TXB322	Flush mounted input + LED output 2 -fold	
TXB322AU	Flush mounted input + indicator output 2 -fold Mercury	
TXB344	Flush mounted input + LED output 4 -fold	
TXB344AU	Flush mounted input + indicator output 4 -fold Mercury	
TXC511	EIB presence detector with Light Regulation	
WHT300	Kallysto push button 2,4,6 ways tebis KNX	
WHT302	Kallysto push button 2 ways tebis KNX	
WHT310	Push button 2,4,6 ways LED Kallysto tebis CH	
WHT312	Push button 2 ways LED Kallysto tebis CH	
WHT330	Kallysto push button 2,4,6 ways LED+IR tebis KNX	
WKT302	Kallysta Push button KNX bus 2E	
WKT304	Kallysta Push button KNX bus 4E	

Reference	Designation	Note
WKT306	Kallysta Push button KNX bus 6E	
WKT312	Kallysta Push button KNX bus 2E w. indicator	
WKT314	Kallysta Push button KNX bus 4E w. indicator	
WKT316	Kallysta Push button KNX bus 6E w. indicator	
WKT322	Kallysta Push button KNX bus 2E +12E IR	
WKT324	Kallysta Push button KNX bus 4E +12E IR	
WKT501	Kallysta Sensor KNX bus comfort	
WKT502	Kallysta Sensor KNX bus comfort/safety	
WKT660	Kallysta energy manager KNX white	§10.9
WUT10	WUT10 - Push button 1gang, with integrated bus coupling unit	
WUT20	WUT20 - Push button 2gang, with integrated bus coupling unit	
WYT321	Single push button with status and FPL cream	
WYT341	Double push button with status and FPL cream	
WYT361	Triple push button with status and FPL cream	
WYT361IR	Triple push button with status and FPL with IR receiver cream	
WYT510	Detection head basic White	
WYT511C	Detection head comfort 180° cream	
WYT610	Thermostat with display White	§10.7
WYT620	Thermostat KNX multifunction with display white	§10.7

10.1.2 MODULAR PRODUCTS

Reference	Designation	Note
TE330	KNX Consumption Indicator	
TE331	KNX Consumption Indicator	
TX022	Weekly time switch EASY	<u>§10.5</u>
TX025	Light sensitive switch	§10.6
TX204A	Output 4 -fold 4A	
TX206A	Output 6 -fold 4A	
TX210	Dimmer 1 channel 600W	
TX211	3 dimmer outputs 1/10V	
TX211A	3 dimmer outputs 1/10V	
TX214	1 dimmer outputs 1/10V	
TX223	Output device for 4 shutters 230V~	
TX224	Output device for 4 shutters/blinds230V~	
TX225	Output device for 4 shutters 24V DC	
TX226	Output device for 4 shutters/blinds24VDC	
TX314	Input device 4 -fold 230V~	
TX316	Input device 6 -fold 230V~	
TXA022	Weekly time switch EASY	§10.5
TXA023	Weekly time switch 2 channels with DCF	§10.5
TXA025	Light sensitive switch	§10.6
TXA204	Output 4 -fold 4A	
TXA204-a2	Output 4 -fold 4A	

Reference	Designation	Note
TXA206	Output 6 -fold 4A	
TXA206-a2	Output 6 -fold 4A	
TXA207	Output 10 -fold 4A	
TXA207-a2	Output 10 -fold 4A	
TXA208	8-fold output 4A/230V manu mode w/o bus	
TXA208-a2	8-fold output 4A/230V manu mode w/o bus	
TXA210	Dimmer 1 channel 600W	
TXA210A	Dimmer 1 channel 300W	
TXA210-a2	Dimmer 1 channel 300W	
TXA210N	Dimmer 1 channel 300W	
TXA213	Dimmer 3 channels 300W	
TXA213-a2	Dimmer 3 channels 300W	
TXA213N	Dimmer 3 channels 300W	
TXA215	Dimmer 1 channel 1000W	
TXA215-a2	Dimmer 1 channel 1000W	
TXA223	Output device for 4 shutters 230V~	
TXA223-a2	Output device for 4 shutters 230V~	
TXA224	Output device for 4 shutters/blinds230V~	
TXA224-a2	Output device for 4 shutters/blinds230V~	
TXA225	Output device for 4 shutters 24V DC	
TXA225-a2	Output device for 4 shutters 24V DC	
TXA226	Output device for 4 shutters/blinds24VDC	
TXA226-a2	Output device for 4 shutters/blinds24VDC	
TXA227	Output device for 8 shutters 230V~	
TXA227-a2	Output device for 8 shutters 230V~	
TXA228	Output device for 8 shutters/blinds230V~	
TXA228-a2	Output device for 8 shutters/blinds230V~	
TXA230A	EM comfort KNX modular output master	<u>§10.9</u>
TXA230B	EM comfort KNX module output slave	§10.9
TXA304	Input device 4 -fold 230V~	
TXA306	Input device 6 -fold universal	
TXA310	Input device 10 -fold 230V~	

10.1.3 RADIO PRODUCTS

- Hager

Reference	Designation	Note
TD10x – TD11x	2-fold radio push button white	§10.2
TD20x – TD21x	4-fold radio push button white	§10.2
TD250 – TD251	4-fold solar push button white with FPL	<u>§10.2</u>
TD3xx	6-fold radio push button white	§10.2
TG51x	RF KNX battery smoke detector white	§10.2
TG54x	Battery TEBIS heat sensor, radio linked	§10.2
TK301	Push button 1 fold	§10.2
TK302	Push button 2 fold	§10.2
TR201	1 flush mounted output 16A mains powered	<u></u>
TR210	1 flush mounted dimming output 200W	
TR221	1 flush mounted output f. blinds/shutter	
TR227	Tebis interface for Bubendorff shutters	
TR270	RF plug adapter	
TR271	RF plug adapter with dimmer	
TR302A	2 flush mounted battery inputs	§10.2
TR302B	2 flush mounted inputs mains powered	§10.2
TR304A	4 flush mounted battery inputs	§10.2
TR304B	4 flush mounted inputs mains powered	§10.2
TR351	RF unidir input concentrator white	§10.13
TR501	1 flush mounted output 10A + 1 bin input	310110
TR521	1 output blinds / shutters +2 bin inputs	
TRB201	1 flush mounted output 16A mains powered	
TRB210	1 flush mounted dimming output 200W	
TRB221	1 flush mounted output f. blinds/shutter	
TRB302A	2 flush mounted battery inputs	§10.3
TRB302B	2 flush mounted inputs mains powered	<u></u>
TRB501	1 bin input +1 flush mounted output 10A	
TRB521	2 bin inputs + 1 output blinds /shutters	
TRC120	Gateway alarm radio LS / wired KNX	§10.12
TRC202	2-fold wall mounted output 16A IP55	<u></u>
TRC270	RF plug adapter	
TRC301A	Opening detector RF	<u>§10.3</u>
TRC301B	Opening detector RF QL	§10.3
TRC321B	Light/twilight RF sensor, white	§10.3
TRE201	1-fold wall mounted output 10A IP55	3.0.0
TRE202	2-fold wall mounted output 10A IP55	
TRE221	1-wall mount. out f. blinds/shutter IP55	
TRE301	RF external single push button	§10.3
TRE302	RF external double push button	§10.3

Reference	Designation	Note
TRE400	Combined 1Input +1output 10A IP55	
TRE500	Motion detector RF white	§10.3
TRE510	Motion detector Solar RF white	§10.3
TRE600	LED floodlight with PIR 220/360 RF QL	
TU204A	Radio remote control 4 channels	<u>§10.2</u>
TU208A	Radio remote control 8 channels	§10.2
TU224A	Radio remote control 24 channels	§10.2
TU402	2-channel remote control	<u>§10.3</u>
TU404	4-channel remote control	§10.3
TU406	6-channel remote control	<u>§10.3</u>
TU418	18-channel remote control	§10.3
TU444	2x4-channel KNX / LS remote control	§10.3
WHT390	Kallysto push button 2,4,6x RF tebis KNX	§10.2
WKT302R(uni)	Kallysta PB KNX radio 2f battery - Uni-directional	§10.2
WKT302R(bi)	Kallysta PB KNX radio 2f battery - Bi-directional	<u>§10.3</u>
WKT304R(uni)	Kallysta PB KNX radio 4f battery - Uni-directional	<u>§10.2</u>
WKT304R(bi)	Kallysta PB KNX radio 4f battery - Bi-directional	§10.3
WKT306R(uni)	Kallysta PB KNX radio 6f battery - Uni-directional	§10.2
WKT306R(bi)	Kallysta PB KNX radio 6f battery - Bi-directional	<u>§10.3</u>
WKT312R	Kallysta PB KNX radio 2f solar	§10.2
WKT314R	Kallysta PB KNX radio 4f solar	§10.2
WKT316R	Kallysta PB KNX radio 6f solar	§10.2
WKT400	Mechanism RF ON/OFF 2 wires	
WKT401	Mechanism RF ON/OFF 3 wires	
WKT402	Mechanism RF ON/OFF 3 wires prog	
WKT410	Dimmer 2 wires for kit WKT712B	
WKT412	Dimmer 2 wires + memo function	
WKT420	Mechanism RF shutter 3 wires	
WKT421	Mechanism RF shutter 4 wires	
WKT422	Mechanism RF shutter 3 wires + memo	
WKT423	Mechanism RF shutter 4 wires + memo	
WYC42xQ+WUC18	Time switch ON / OFF RF	
WYC42xQ+WUC35	Time switch ON / OFF RF + 1-fold output switch	
WYC81xQ+WUD86 WYC81xQ+WUD87	1-fold push button RF + 1 dimmer output	
WYC81xQ+WUC18	1-fold push button RF	
WYC81xQ+WUC21 WYC81xQ+WUC35	1-fold push button RF + 1-fold output switch	
WYC82xQ+WUD88	2-fold push button RF + 2 dimmer outputs	
WYC82xQ+WUC18	2-fold push button RF	l l
WYC82xQ+WUC22	2-fold push button RF + 2-fold output switch	
WYC84xQ+WUD86 WYC84xQ+WUD87	4-fold push button RF + 1 dimmer output	

Reference	Designation	Note
WYC84xQ+WUD88	4-fold push button RF + 2 dimmer outputs	
WYC84xQ+WUC18	4-fold push button RF	
WYC84xQ+WUC21 WYC84xQ+WUC35	4-fold push button RF + 1-fold output switch	
WYC84xQ+WUC22	4-fold push button RF + 2-fold output switch	
WYJ42xQ+WUC18	1-fold push button shutters / blinds RF	
WYJ42xQ+WUJ42	1-fold push button shutters / blinds RF + 1 shutter / blind output	
WYJ43xQ+WUC18	Time switch shutters-blinds RF	
WYJ43xQ+WUJ42	Time switch shutters-blinds RF + 1 shutter / blind output	
WYT11xQS WYT11xQB	1-fold push button RF battery	
WYT12xQS WYT12xQB	2-fold push button RF battery	
WYT32xF	Single push b. radio KNX cream	§10.2
WYT34xF	Double push b. radio KNX cream	§10.2
WYT36xF	Triple push b. radio KNX cream	<u>§10.2</u>
WYW51xQ+WUD86 WYW51xQ+WUD87 WYW52xQ+WUD86 WYW52xQ+WUD87	Motion detector RF + 1 dimmer output	
WYW51xQ+WUC18 WYW51xQ+WUC13 WYW52xQ+WUC18 WYW52xQ+WUC13	Motion detector RF	
WYW51xQ+WUC21 WYW51xQ+WUC35 WYW52xQ+WUC21 WYW52xQ+WUC35	Motion detector RF + 1-fold output switch	

- Berker

Reference	Designation	Note
8514_51_xx + 8542_11_00 8514_51_xx + 8542_12_00	1-fold push button RF + 1 dimmer output	
8514_51_xx + 8502_01_00	1-fold push button RF	
8514_51_xx + 8512_11_00 8514_51_xx + 8512_12_00	1-fold push button RF + 1-fold output switch	
8514_61_xx + 8542_21_00	2-fold push button RF + 2 dimmer outputs	
8514_61_xx + 8502_01_00	2-fold push button RF	
8514_61_xx + 8512_22_00	2-fold push button RF + 2-fold output switch	
8564_81_xx + 8542_11_00 8564_81_xx + 8542_12_00	4-fold push button RF + 1 dimmer output	
8564_81_xx + 8542_21_00	4-fold push button RF + 2 dimmer outputs	
8564_81_xx + 8502_01_00	4-fold push button RF	

Reference	Designation	Note
8564_81_xx + 8512_11_00 8564_81_xx + 8512_12_00		
8564_81_xx + 8512_22_00	4-fold push button RF + 2-fold output switch	
8524_51_xx + 8502_01_00	1-fold push button shutters / blinds RF	
8524_51_xx + 8522_11_00	1-fold push button shutters / blinds RF + 1 shutter / blind output	
8534_51_xx + 8542_11_00 8534_51_xx + 8542_12_00 8534_61_xx + 8542_11_00 8534_61_xx + 8542_12_00	Motion detector RF + 1 dimmer output	
8534_51_xx + 8502_01_00 8534_51_xx + 8532_01_00 8534_61_xx + 8502_01_00 8534_61_xx + 8532_01_00	Motion detector RF	
8534_51_xx + 8512_11_00 8534_51_xx + 8512_12_00 8534_61_xx + 8512_11_00 8534_61_xx + 8512_12_00	Motion detector RF + 1-fold output switch	
8565_51_xx 8565_52_xx	1-fold push button RF battery	
8565_61_xx 8565_62_xx	2-fold push button RF battery	
8574_51_xx + 8502_01_00	Time switch shutters-blinds RF	
8574_51_xx + 8522_11_00		
8574_52_xx + 8522_11_00	Time switch ON / OFF RF + 1-fold output switch	
85105100	RF plug adapter	
85165100	1-fold wall mounted output 10A IP55	
85166100	2-fold wall mounted output 10A IP55	
85265100	1-wall mount. out f. blinds/shutter IP55	
85275100	1 output blinds / shutters +2 bin inputs	
85275200	1 flush mounted output f. blinds/shutter	
85365100	Motion detector RF white	§10.3
85365200	Motion detector Solar RF white	§10.3
85475100	1 flush mounted dimming output 200W	
85605100	2-channel remote control	§10.3
85606100	4-channel remote control	§10.3
85607100	6-channel remote control	§10.3
85608100	18-channel remote control	<u>§10.3</u>
85801100	Light/twilight RF sensor, white	§10.3
85801200	Opening detector RF	§10.3
85865100	Combined 1Input +1output 10A IP55	
85875100	1 bin input +1 flush mounted output 10A	
85875200	1 flush mounted output 16A mains powered	
85876100	2 flush mounted battery inputs	<u>§10.3</u>
85876200	2 flush mounted inputs mains powered	

10.1.4 VARIOUS PRODUCTS

Reference	Designation	Note
B2T_BFF	Pushbutton KNX radio 2f battery	<u>§10.3</u>
B4T_BFF	Pushbutton KNX radio 4f battery	<u>§10.3</u>
MVX1_BFF	Motor Y1	
LI56302	Flush mounted input device 2 -fold	
LI56304	Flush mounted input device 4 -fold	
LI56322	Flush mounted input + LED output 2 -fold	
LI56344	Flush mounted input + LED output 4 -fold	
QAX910	Central unit apartment / Synco Living	

10.2 UNIDIRECTIONAL RADIO PRODUCTS

These products are recognized by the TXA100 configuration tool. They can be identified by the absence of a "CFG" configuration button.

Unidirectional product inputs are displayed in the input list. These inputs can be linked to other outputs and the links can also be deleted.

However, the function assigned to the input cannot be modified. If the installation requires another function, the product in question must be replaced.

Unknown ref.	Designation	Replacement ref.	Designation
TD10x – TD11x		WKT302R(bi)	Kallysta PB KNX radio 2f battery - Bi-directional
TD20x – TD21x	4-fold radio push button white	WKT304R(bi)	Kallysta PB KNX radio 4f battery - Bi-directional
TD250 - TD251	4-fold solar push button white with FPL	WYT12xQS	2-fold push button RF battery
TD3xx	6-fold radio push button white	WKT306R(bi)	Kallysta PB KNX radio 6f battery - Bi-directional
TK301	Push button 1 fold	WKT302R(bi)	Kallysta PB KNX radio 2f battery - Bi-directional
ТК302	Push button 2 fold	WKT304R(bi)	Kallysta PB KNX radio 4f battery - Bi-directional
TR302A	2 flush mounted battery inputs	TRB302A	2 flush mounted battery inputs
TR302B	2 flush mounted inputs mains powered	TRB302B	2 flush mounted inputs mains powered
TR304A	4 flush mounted battery inputs	2xTRB302A	2 flush mounted battery inputs
TR304B	4 flush mounted inputs mains powered	2xTRB302B	2 flush mounted inputs mains powered
TU204A	Radio remote control 4 channels	TU404	4-channel remote control
TU208A	Radio remote control 8 channels	TU406	6-channel remote control
TU224A	Radio remote control 24 channels	TU418	18-channel remote control
WKT302R(uni)	Kallysta PB KNX radio 2f battery - Uni- directional	WKT302R(bi)	Kallysta PB KNX radio 2f battery - Bi-directional
WKT304R(uni)	Kallysta PB KNX radio 4f battery - Uni- directional	WKT304R(bi)	Kallysta PB KNX radio 4f battery - Bi-directional
WKT306R(uni)	Kallysta PB KNX radio 6f battery - Uni- directional	WKT306R(bi)	Kallysta PB KNX radio 6f battery - Bi-directional
WKT312R	Kallysta PB KNX radio 2f solar	WYT11xQS	1-fold push button RF battery
WKT314R	Kallysta PB KNX radio 4f solar	WYT12xQS	2-fold push button RF battery
WKT316R	Kallysta PB KNX radio 6f solar	WKT306R(bi)	Kallysta PB KNX radio 6f battery - Bi-directional
WYT32xF	Single push b. radio KNX cream	WKT302R(bi)	Kallysta PB KNX radio 2f battery - Bi-directional
WYT34xF	Double push b. radio KNX cream	WKT304R(bi)	Kallysta PB KNX radio 4f battery - Bi-directional
WYT36xF	Triple push b. radio KNX cream	WKT306R(bi)	Kallysta PB KNX radio 6f battery - Bi-directional

Below is the list of possible replacement products:

The TG51x and TG54x will be replaced by a new upcoming offer.

10.3 BATTERY-POWERED BIDIRECTIONAL RADIO PRODUCTS

These products can be set up with the TXA100 configuration tool. However, certain rules must be followed:

- Before changing any settings or launching the relearning of an installation, put the radio product in configuration mode. To do this, briefly press the "CFG" button.
- In a new installation, a factory reset must be carried out on each product for them to be recognised by the TXA100 configuration tool:
 - Press the "CFG" button for at least 10 seconds. When the LED flashes, release the button.
 - Briefly press the "CFG" button to put the product in configuration mode before starting product discovery with the TXA100 configuration tool.

Certain older bidirectional radio products are not compatible with the TXA100 configuration tool. They can be identified by their date code (generally on the rear of the product or the battery compartment). The date code is displayed in GCxxyy format, where xx corresponds to the week of the year the product was manufactured and yy corresponds to the year of manufacture (Ex: GC1013 – week 10 of the year 2013)

Below is the list of products with the first date codes compatible with the TXA100 configuration tool.

TRB302A	GC2111
TRB302B	GC1711
WKT302R or TU402	GC1211
WKT304R or TU404	GC1611
WKT306R or TU406	GC1211
TU418	GC2611

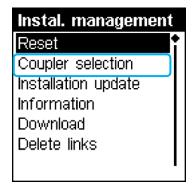
All Berker bidirectional radio products are compatible.

10.4 MEDIA COUPLER EXCHANGE

The TR130 media coupler is not compatible with the TXA100 configuration tool. It must be replaced with a TR131 media coupler.

Below is the exchange procedure:

- Disconnect the TR130 media coupler from the KNX bus of the installation.
- Connect the new TR131 media coupler.
- Start the TX100.
 - A message "the wired products cannot be updated' will appear. This indicates that the coupler is not recognised and must be paired.
- Click "**YES**" to continue.
- Press the "Menu" key.
- Go to Installation Management / Coupler selection



- Press OK to validate
- Select the coupler by pressing its pairing button for 4 seconds.



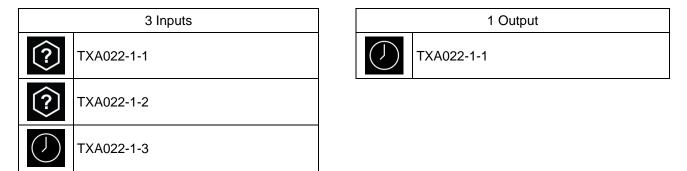
- The "CF" display will appear.
- The new coupler is recognized by the TX100
- Click "YES" to confirm the replacement
 - The TX100 downloads the new data. The installation functions again.

10.5 OPERATION WITH A KNX CLOCK

The clock sends the current date and time to the whole system. The clock products recognised by the configuration tool are:

- TX022
- TXA022
- TXA023

Example: TXA022



Operation of inputs:

- Configurable input

The symbol indicates that the input does not have a defined function. Each input must be assigned the desired function in the same way as the push-buttons (See chapter <u>10.11</u> for the list of available functions).

Specific input

The symbol indicates that the input can send current date and time information to other products on the bus.

Operation of outputs:

- Specific output



The symbol indicates that the output can receive current date and time information from another product on the bus.

Note: Automatic link

The purpose of this function is to automatically create links, depending on the choice of settings or the presence of a product, and to facilitate the configuration of products.

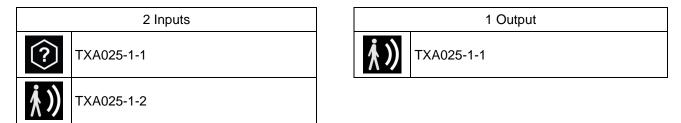
The clock's operation is affected by this type of link (See chapter 7.3.1.1 for the definition of these links).

10.6 OPERATION WITH A TWILIGHT SWITCH

The twilight switch sends light intensity information to the whole system. The twilight switch products recognised by the configuration tool are:

- TX025
- TXA025
- TXA026

Example: TXA025



Operation of inputs:

Configurable input

The symbol indicates that the input does not have a defined function. Each input must be assigned the desired function in the same way as the push-buttons (See chapter <u>10.11</u> for the list of available functions).

- Specific input



The **M**² symbol indicates that the input can send light intensity information to other products on the bus.

Operation of outputs:

Specific output

The **M** symbol indicates that the output can receive light intensity information from another product on the bus.

Note: Automatic link

The purpose of this function is to automatically create links, depending on the choice of settings or the presence of a product, and to facilitate the configuration of products.

The twilight switch's operation is affected by this type of link (See chapter $\frac{7.3.1.2}{1.2}$ for the definition of these links).

10.7 OPERATION WITH A THERMOSTAT

The thermostat allows you to regulate the ambient temperature with the heating systems. The thermostat products recognised by the configuration tool are:

- TX320
- TX460
- WYT610
- WYT620

Example: TX460

6 Inputs			
<u>?</u>	TX460-1-1		
?	TX460-1-2		
<u>?</u>	TX460-1-3		
$\langle ? \rangle$	TX460-1-4		
?	TX460-1-5		
?	TX460-1-6		

1 Output			
	TX460-1-33		

Certain older products are not compatible with the TXA100 configuration tool. They can be identified by their date code. The date code is displayed in GCxxyy format, where xx corresponds to the week of the year the product was manufactured and yy corresponds to the year of manufacture (Ex: GC1013 – week 10 of the year 2013). Below is the list of products with the first date codes compatible with the TXA100 configuration tool.

TX460A	GC4509
TX460B	GC4509

Example: WYT620

5 Inputs		
?	WYT62X-1-1	
?	WYT62X -1-2	
?	WYT62X -1-3	
<u>?</u>	WYT62X -1-4	
?	WYT62X -1-5	

1 Output				
FPL	WYT62X -1-33*			

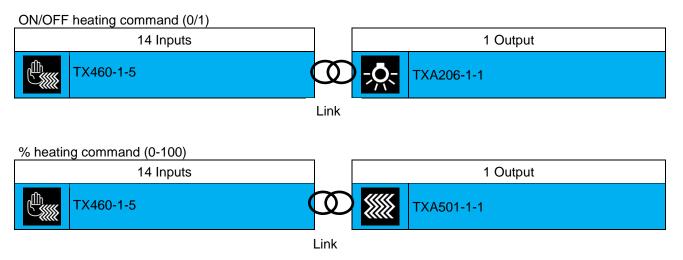
*visible when the TXA100's channel display filter displays all the outputs.

Operation of inputs:

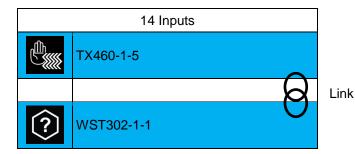
<u>Thermostat</u>



symbol indicates that the input can manage the outputs of the heaters, all or nothing or a value in %.



It is also possible to send a heating mode to the thermostat using an input contact. To do this, a link must be made between two inputs.



Below is a table of possible functions:

-2	Mode Comfort	<i>k</i>	Mode Standby	i.	Priority Comfort	 Scene
\langle	Mode Eco	()	Mode Protection	*	Priority Protection	

> Note: Setting up a thermostat product

It is possible, from the product, to configure the **Time-Delayed Comfort Duration** and **Actions During Delay**

Configurable input

The symbol indicates that the input does not have a defined function. Each input must be assigned the desired function in the same way as the push-buttons (See chapter <u>10.11</u> for the list of available functions).

Operation of outputs:

- Specific output



TX460-1-33

The symbol indicates that the output can receive current date and time information from another product on the bus.



The symbol means that the output can receive state indications from another product to manage backlighting.

10.8 OPERATION WITH A TX450 DISPLAY

The TX450 room ambiance controller is a wall-mounted control and display device. It combines 4 touch-sensitive keys and a central display.

	4 Inputs		
?	TX450-1-1		
?	TX450-1-2		
?	TX450-1-3		
?	TX450-1-4		

13 Outputs		
Ъ	TX450-1-1	
· 近	TX450-1-2	
<u>Ъ́</u>	TX450-1-3	
Ъ́Ц	TX450-1-4	
\bigcirc	TX450-1-5	
Ŀ	TX450-1-29*	
	TX450-1-30*	
Ŀ	TX450-1-31*	
	TX450-1-32*	
	TX450-1-33*	
	TX450-1-34*	
	TX450-1-35*	
	TX450-1-36*	

*visible when the TXA100's channel display filter displays all the outputs.

Operation of inputs:

Configurable input



The symbol indicates that the input does not have a defined function. Each input must be assigned the desired function in the same way as the push-buttons (See chapter <u>10.11</u> for the list of available functions).

Operation of outputs:

- Specific output



The symbol means that the output can receive state indications from another product.



The symbol indicates that the output can receive current date and time information from another product on the bus.



The **Second** symbol indicates that the output can receive the status of inputs or outputs from one or several products in order to perform a logical operation to display information.

Below is an example of possible links:

1 Input			3 Outputs	\$			
WST302-1-1	Ø		TX450-1-29			\wedge	
	Link			Link	Ø		
		Ģ ź	TXA206-1-1		U	Ø	
		Ņ	TXA206-1-2				

10.9 OPERATION WITH AN ENERGY MANAGER

The "Energy manager" function is built on the basis of a WKT660B room unit, a modular TXA230A master room unit as it uses tele-information and possibly a modular TXA230B slave room unit depending on the number of zones to manage.

Example: WKT660

12 Inputs				
	WKT660-1-1	heating channel 1		
	WKT660-1-2	heating channel 2		
	WKT660-1-3	heating channel 3		
	WKT660-1-4	heating channel 4		
	WKT660-1-5	heating channel 5		
	WKT660-1-6	heating channel 6		
	WKT660-1-7	heating channel 7		
	WKT660-1-8	heating channel 8		
¢∭. ₩	WKT660-1-9	DHW control channel 1		
	WKT660-1-10	DHW control channel 2		
	WKT660-1-11	room temperature channel		
€	WKT660-1-12	demand response channel		

	14 Outputs				
Ð	WKT660-1-1	rate information channel			
\mathcal{P}	WKT660-1-2	view metering channel 1			
\mathcal{P}	WKT660-1-3	view metering channel 2			
\mathcal{P}	WKT660-1-4	view metering channel 3			
\mathcal{P}	WKT660-1-5	view metering channel 4			
\mathcal{P}	WKT660-1-6	view metering channel 5			
\mathcal{P}	WKT660-1-7	view metering channel 6			
\mathcal{P}	WKT660-1-8	view metering channel 7			
	WKT660-1-9	product management channel (absence/presence, frost protection preset, stop heating)			
	WKT660-1-10	outside temperature display channel			
	WKT660-1-11	time and date display channel			
stop	WKT660-1-12	load shedding information channel			
= C	WKT660-1-13	TXA230A fault display channel (pilot wire short circuit and mains failure)			
=C	WKT660-1-14	TXA230B fault display channel (pilot wire short circuit and mains failure)			

Example: TXA230A

17 Inputs				
¢	TXA230A-1-1	rate information channel		
\mathcal{P}	TXA230A -1-2	metering channel 1		
\mathcal{P}	TXA230A -1-3	metering channel 2		
\mathcal{P}	TXA230A -1-4	metering channel 3		
\mathcal{P}	TXA230A -1-5	tele-info metering channel		
stop	TXA230A -1-6	load shedding status channel		
= C	TXA230A -1-7	fault channel		
	TXA230A -1-8	outside temperature channel		
stop	TXA230A -1-9	heating load shedding channel 1		
stop	TXA230A -1-10	heating load shedding channel 2		
stop	TXA230A -1-11	heating load shedding channel 3		
stop	TXA230A -1-12	heating load shedding channel 4		
stop	TXA230A -1-13	heating load shedding channel 5		
stop	TXA230A -1-14	heating load shedding channel 6		
stop	TXA230A -1-15	heating load shedding channel 7		
stop	TXA230A -1-16	heating load shedding channel 8		
stop	TXA230A -1-17	DHW load shedding channel		

4 Outputs				
	TXA230A-1-1	heating channel 1		
	TXA230A-1-2	heating channel 2		
	TXA230A-1-3	heating channel 3		
ŗŎŗ	TXA230A-1-4	DHW control channel		

Example: TXA230B

4 Inputs				
\mathcal{P}	TXA230B -1-1	metering channel 1		
\mathcal{P}	TXA230B -1-2	metering channel 2		
\mathcal{P}	TXA230B -1-3	metering channel 3		
= C	TXA230B -1-4	fault channel		

13 Outputs				
	TXA230B-1-1	heating channel 1		
	TXA230B-1-2	heating channel 2		
	TXA230B-1-3	heating channel 3		
Ţ Ģ Ţ	TXA230B-1-4	DHW control channel		
€	TXA230B-1-5	rate information channel		
stop	TXA230B-1-6	load shedding status channel		
stop	TXA230B-1-7	heating load shedding channel 1		
stop	TXA230B-1-8	heating load shedding channel 2		
stop	TXA230B-1-9	heating load shedding channel 3		
stop	TXA230B-1-10	heating load shedding channel 4		
stop	TXA230B-1-11	heating load shedding channel 5		
s s s s stop	TXA230B-1-12	heating load shedding channel 6		
stop	TXA230B-1-13	DHW load shedding		

Operation of inputs:

- Specific input

TXA230A/B

€ €	Enables emission of current rate received by tele-information of the subscriber's counter.
\mathcal{P}	Enables display of energy consumed.
stop	Enables display of load shedding in progress.
= C	Enables emission of an electrical connection fault with the pilot wires or the absence of power.
	Enables emission of exterior temperature.
stop	Enables reception of the current set point sent by a WKT660 to define load shedding priority.
stop	Enables load shedding of the DHW output.

WKT660

	Enables control of the heating area through pilot wire or thermostat depending on programming and local controls.
	Enables control of a DHW tank depending on the rate, fee schedule, and local controls
	Enables sending of temperature measured by the room unit to remote interfaces
€	Enables control of an all or nothing output depending on the rate and fee schedule

Operation of outputs:

- Specific output

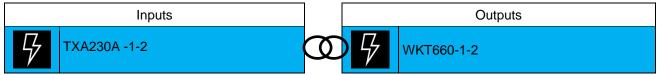
TXA230A/B

	Enables control of pilot wire outputs depending on the current set point sent by the WKT660B.
ŗŎŗ	Enables command of a DHW output depending on the current set point sent by the WKT660B.

WKT660	
€	Enables display of current rate and indexes consumption.
\mathcal{P}	Enables display of energy consumed.
	Makes it possible to put all of the heating zones in absent or present mode.
	Enables display of ambient temperature measured by an exterior sensor.
()	Enables synchronisation of current time and date set by the master clock.
stop	Enables display of load shedding in progress.
=C	Enables display of an electrical connection fault with a TXA230.

During the installation scan the TXA100 detects products then automatically performs the following links:

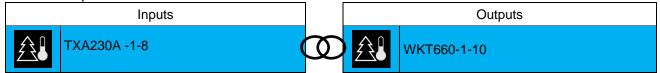
The counter channels:



Electrical connection fault:

Inputs		Outputs
-C TXA230A -1-7	\mathfrak{O}	WKT660-1-13

Exterior temperature:



The current rate



For the configuration tool to start the automatic link procedure there should only be one TXA230A master output module in the installation and no more than one TXA230B slave output module. The number of WKT660B input modules is unlimited.

> Note: Automatic link for exterior temperature

The purpose of this function is to automatically create links, depending on the choice of settings or the presence of a product, and to facilitate the configuration of products.

The operation of the energy manager for the exterior temperature is affected by this type of link (See chapter 7.3.1.4 for the definition of these links).

10.10 OPERATION WITH A CONSUMPTION INDICATOR

The consumption indicator (TE330/TE331) provides users with information about their consumption through multiple metering channels, including one specifically dedicated to "tele-information". It is used to monitor and control electrical consumption and is integrated into a global automatic energy management system.

Example: TE331

6 Inputs			0 Outputs
€	TE331-1-1	rate information channel	
\mathcal{P}	TE331-1-2	tele-info metering channel	
\mathcal{P}	TE331 -1-3	metering channel 1	
\mathcal{P}	TE331 -1-4	metering channel 2	
\mathcal{P}	TE331 -1-5	metering channel 3	
\mathcal{P}	TE331 -1-6	three-phase metering channel	
9	TE331 -1-7	metering channel - addition	
\mathcal{P}	TE331 -1-8	metering channel - other	
	TE331 -1-9	outside temperature channel	

Note:

- Metering channel addition = metering channel 1 + 2 + 3
- Metering channel other = tele-info metering channel (Metering channel 1 + 2 + 3)
- Three-phase metering channel = Metering using 3 toroids linked to each phase

Example: TE330

	6 Inputs						
ŧ	TE330-1-1	rate information channel					
\mathcal{P}	TE330-1-2	tele-info metering channel					
\mathcal{P}	TE330 -1-3	metering channel 1					
\mathcal{P}	TE330 -1-4	metering channel 2					
\mathcal{P}	TE330 -1-5	metering channel 3					
	TE330 -1-6	outside temperature channel					

Operation of inputs:

- Specific input

TE330 – TE331

€	Enables the current rate received by the tele-info of the subscriber's meter to be issued.
\mathcal{P}	Enables the electricity consumed to be displayed.
	Enables the outside temperature to be transmitted.

- Choosing the rate

With regard to setting the product's rate channel, you can choose the desired rate.

₹ TE330 - 1 - 2			
Tarif information:	Active	~	

- Active: tele-information rate
- Inactive: T1/T2 rate

0 Outputs

10.11 OPERATION OF CONFIGURABLE INPUTS

Several products have a certain number of inputs whose functions must be defined by the installer.



The symbol indicates that the input does not have a defined function. Each input must be assigned the desired function.

Below is a table of possible functions:

Lighting		Dimmer		Shutter		Heating/cooling	
Ϊ	ON	- Ç	Dim Up/ON	<i>∭</i> ▲	Shutter UP		Mode Confort
	OFF	- 	Dim Down/OFF	∥ ▼	Shutter DOWN	\langle	Mode Eco
(\mathbf{J})	ON/OFF	Ż	Dim Up/Down	<u>↑</u> ↓	Up/down toggle	أ	Mode Standby
	Toggle switch		Scene	Ξì	Priority UP	()	Mode Protection
(j)	Timer			21	Priority DOWN	ずい	Priority Confort
(j)	Priority ON				Scene	*	Priority Protection
	Priority OFF						Scene
	Scene						

10.12 CONNECTION WITH THE ALARM INTERFACE

The TRC120 interface enables an intrusion alarm system from the LS range (central radio unit or mixed) to communicate with KNX products. On the alarm side, the interface communicates with the central alarm unit via radio and wired bus on the KNX side.

It acts as an input/output product that comprises:

8 KNX outputs, KNX orders received by the interface which are then transmitted to the central alarm control unit,
16 KNX inputs, information on the state of the alarm system issued by the central unit which can be linked with KNX controls.

TXA100 view:

16 Inputs	8 Outputs
TRC120-1-1	G1 TRC120-1-1
TRC120-1-2	G2 TRC120-1-2
	G3 TRC120-1-3
	G4 TRC120-1-4
	TRC120-1-5
	TRC120-1-6
	TRC120-1-7
TRC120-1-16	TRC120-1-8

Setting up the inputs:

The Symbol indicates that the input does not have a defined function. Each input must be assigned the desired function. Below is a table of possible functions:

Lighting		Shutter		Heating/cooling		
Ü	ON	↑↓	Up/down	مارا	Mode Confort	
	OFF	↓ ↑	Down/up	\langle	Mode Eco	
(\mathbf{I})	ON/OFF	†	Up switch	<i>k</i>	Mode Standby	
(j)	Timer	↓	Down switch	*	Mode Protection	
(j)	Priority ON	三 1	Priority UP		Mode Auto	
	Priority OFF	1	Priority DOWN	-	Mode Confort/Eco	
	Scene		Scene	in the second se	Mode Confort/Standby	
					Mode Protection/Auto	
				iti	Priority Confort	
				*	Priority Protection	
				i n	Timer confort	
					Scene	

The status indications are made on TRC120 inputs.

TRC120-1-1	Status armed/disarmed group 1	TRC120-1-9	Status discrete prealarm
TRC120-1-2	Status armed/disarmed group 2	TRC120-1-10	Status full prealarm
TRC120-1-3	Status armed/disarmed group 3	TRC120-1-11	Status intrusion
TRC120-1-4	Status armed/disarmed group 4	TRC120-1-12	Status intrusion confirmed
TRC120-1-5	Status global armed	TRC120-1-13	Status alert
TRC120-1-6	Status global disarmed	TRC120-1-14	Status silent alert
TRC120-1-7	Status protected entrance	TRC120-1-15	Status fire alarm
TRC120-1-8	Status anomaly	TRC120-1-16	Status technical alarm

So that these states are transmitted to domovea, Returns must:

- Assign to each input function even if they are not used.
- Enable domovea export on each input.

Operation of outputs:

The following commands can be sent by a KNX transmitter to the alarm system via the TRC120 interface:

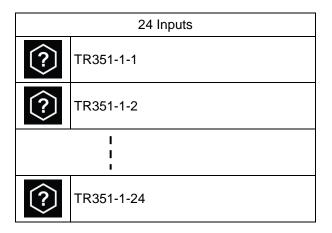
Alarm output functions	Description
<u>G1</u> <u>G4</u>	On/Off groups 1 to 4
\mathbf{i}	Partial operation 1
√×	Silent alarm (24/7)
((€))	Fire alarm (24/7)
ISOS	Alarm (24/7)

10.13 CONNECTION WITH THE RADIO INPUT CONCENTRATOR

TR351 concentrators allow you to increase the number of unidirectional radio products in a mixed installation (radio/wired) by grouping inputs with the same function.

In the system, TR351 concentrators are equivalent to 24-channel input modules.

TXA100 view:



0 Outputs

Setting up the inputs:

The Symbol indicates that the input does not have a defined function. Each input must be assigned the desired function. Below is a table of possible functions:

Lighting		Dimmer		Shutte	Shutter		Heating/cooling	
Ü	ON	- Č	Dim Up/ON	∭ ▲	Shutter UP	*	Mode Confort	
	OFF	- , , (Dim Down/OFF	▼	Shutter DOWN	\langle	Mode Eco	
Ċ	ON/OFF	Ż	Dim Up/Down	<u>↑</u> ↓	Up/down toggle	心	Mode Standby	
+	Toggle switch		Scene	Ξì	Priority UP	×	Mode Protection	
(j)	Timer			21	Priority DOWN		Mode Auto	
(lì	Priority ON				Scene		Mode Confort/Standby	
	Priority OFF						Mode Protection/Auto	
	Scene					i'r	Priority Confort	
						*	Priority Protection	
						. 	Timer confort	
							Scene	

