

APRIL 2020

Busch-ControlTouch® - Basic Commissioning

Online Learning Session – Competence Center Europe – Smart Buildings

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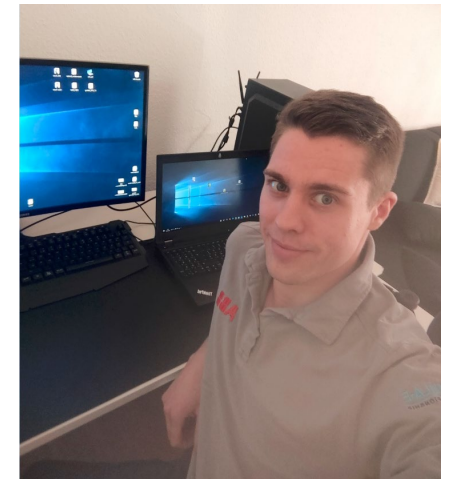
Online Learning Session – Competence Center Europe - Smart Buildings

NEW !!!

From home office to home office



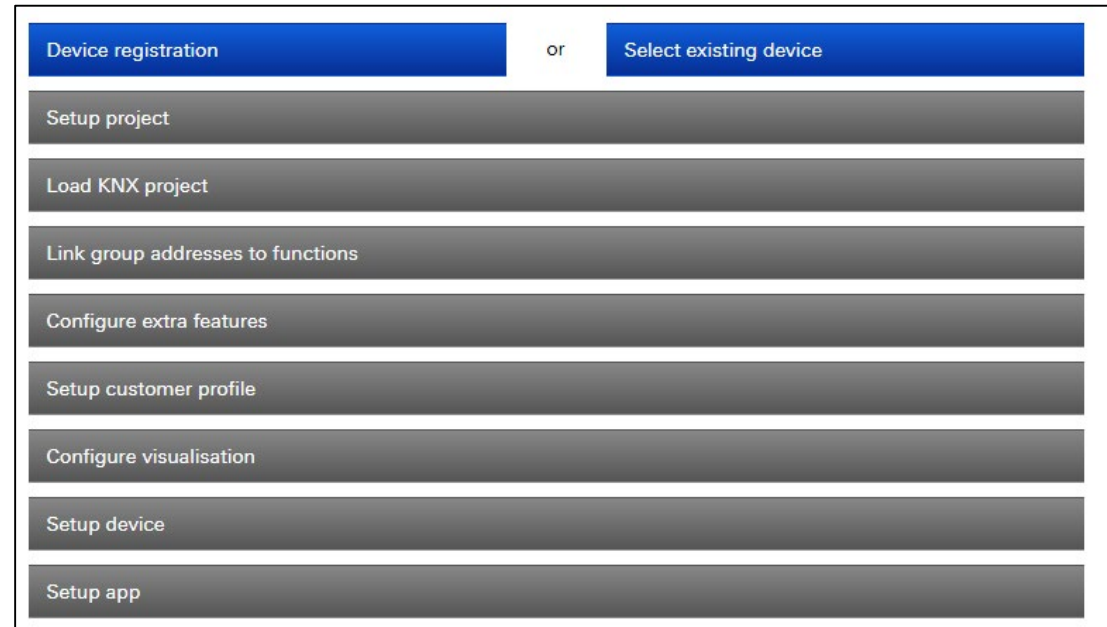
ABB STOTZ-KONTAKT GmbH
Heidelberg / Germany



Agenda

Preparation and Registration
Smart Wizard Commissioning

- Device registration
- Creating new projects
- Group addresses
- Creating new profiles
- Local commissioning



Busch-ControlTouch® - Basic Commissioning

Preparation and Registration

Busch-ControlTouch® - Basic Commissioning

Online Learning Session

Busch-ControlTouch® - 6136/APP(-500)

- Simple KNX visualization for smartphones, tablets and Windows computers
- Easy control using intuitive navigation concept
- Representation of individual operating pages with list view
- Display of individual control pages with room images with small controls
- Fully web-based commissioning with wizard function
- Home automation, switching, dimming, blind control , RTC control, scene/sequences, Sonos control element, timing, Philips Hue
- Entertainment: Sonos - KNX bridging, multimedia integration via UPnP
- Infotainment: Monitoring of usage data for up to 3 years
- ...



Busch-ControlTouch® - Basic Commissioning

Preparation and Registration

Overview KNXproj

Switching:

Number	Name	Object Function	Description	Group Address	Length	C	R	W	T	U	Data Type	Priority
0	General	In Operation			1 bit	C	R	-	T	-		Low
10	Output A	Switch	SA/S4-Output A-Switch-Entrance	1/0/0	1 bit	C	-	W	-	-		Low
29	Output A	Status Switch	SA/S4-Output A-Status-Entrance	1/3/0	1 bit	C	R	-	T	-		Low

Dimming:

38	Output B	Brightness value / Status	UD/S2.300.2-Output B-Status-Floor	1/4/1	1 byte	C	R	W	T	-		Low
59	Output B	Status byte	UD/S2.300.2-Output B-Status-Floor	1/4/1	1 byte	C	R	-	T	-		Low
36	Output B	Status switch	UD/S2.300.2 Switching Feedback Output B	1/3/4	1 bit	C	R	-	T	-		Low
37	Output B	Relative dimming	UD/S2.300.2-Output B-Dim-Floor	1/1/1	4 bit	C	-	W	-	-		Low
35	Output B	Switch	UD/S2.300.2-Output B-Switch-Floor	1/0/5	1 bit	C	-	W	T	-		Low

HVAC:

17	RTC: Heating control value	Output	RTC: Heating control value	3/0/2	1 bit	C	-	-	T	-	switch	Low
21	RTC: On/off confirmation (Master)	Output	RTC: On/off confirmation (Master)	3/0/3	1 bit	C	R	W	T	U	switch	Low
22	RTC: Actual temperature	Output	RTC: Actual temperature	3/0/4	2 bytes	C	-	-	T	-	temperature (°C)	Low
25	RTC: Fault, actual temperature (master)	Output	RTC: Fault, actual temperature	3/0/5	1 bit	C	R	-	T	-	switch	Low
27	RTC: actual setpoint	Output	RTC: actual setpoint	3/0/6	2 bytes	C	-	-	T	-	temperature (°C)	Low
28	RTC: Normal operating mode (Master)	Input/Output	RTC: Normal operating mode (Master)	3/0/7	1 byte	C	-	W	T	U	HVAC mode	Low

Solo:

1	S1.1: Switching	Input / output	SA/S4-Output A-Switch-Entrance	1/0/0	1 bit	C	-	W	T	U	switch	Low
11	LED1.1: LED status	Input	SA/S4-Output A-Status-Entrance	1/3/0	1 bit	C	-	W	-	U	switch	Low
16	LED1.2: LED status	Input	SA/S4-Output A-Status-Entrance	1/3/0	1 bit	C	-	W	-	U	switch	Low
21	S2.1: Switching	Input / output	UD/S2.300.2-Output B-Switch-Floor	1/0/5	1 bit	C	-	W	T	U	switch	Low
22	S2.1: Relative dimming	Output	UD/S2.300.2-Output B-Dim-Floor	1/1/1	4 bit	C	-	-	T	-	dimming control	Low

Busch-ControlTouch® - Basic Commissioning

Preparation and Registration

Creating MyBuildings account

ABB Home → Offerings → Smarter Building → MyBuildings portal → Login

Welcome to MyBuildings portal powered by ABB Ability™

Login

Username
Username

Password
Password

Login

Register Sign-in help?

ABB Home → Offerings → Smarter Building → MyBuildings portal → Help during login → Registration

Registration

To which customer group do you belong?

I am an end customer

I am an expert customer

Please tell us your name, e-mail address, and company headquarters.

Form of address
Please select a form of address

First name

Last name

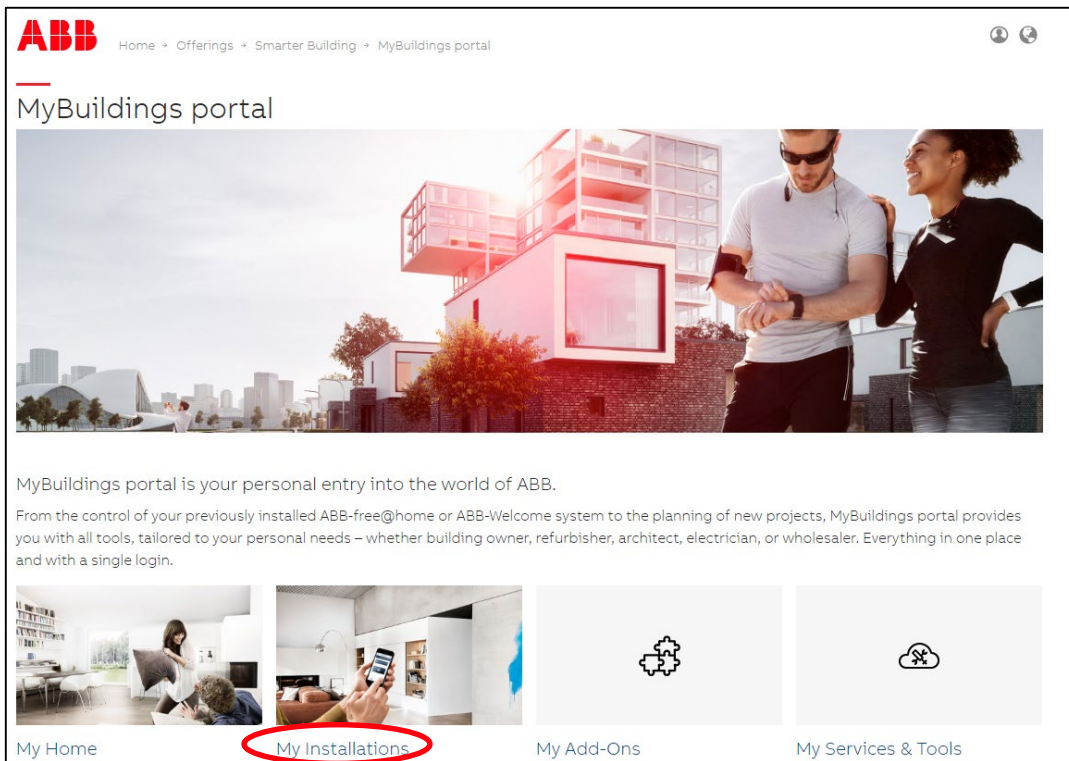
E-Mail

Company headquarters
Please select a country

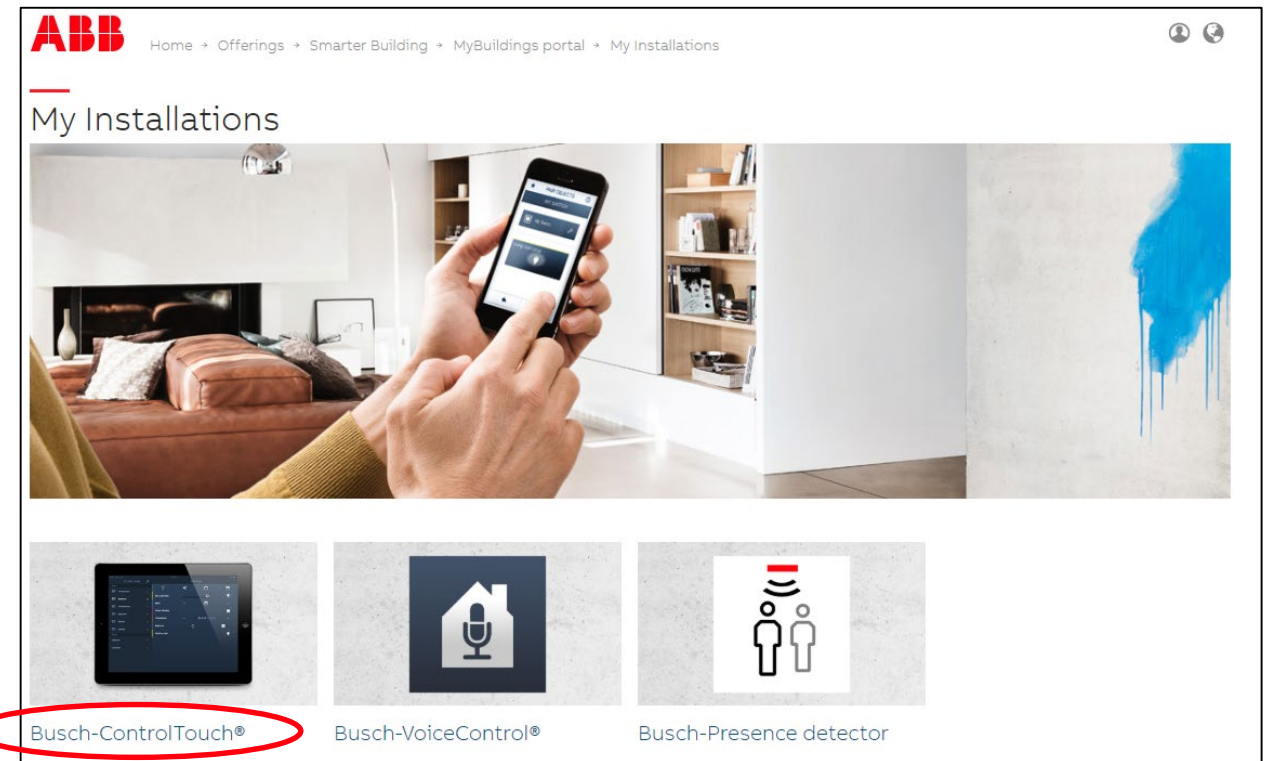
Busch-ControlTouch® - Basic Commissioning

Preparation and Registration

Login to MyBuildings and call “Busch-ControlTouch®”



The screenshot shows the ABB MyBuildings portal homepage. The breadcrumb trail is "Home > Offerings > Smarter Building > MyBuildings portal". The main heading is "MyBuildings portal". Below the heading is a large image of a man and a woman looking at a tablet in front of a modern building. A text block below the image reads: "MyBuildings portal is your personal entry into the world of ABB. From the control of your previously installed ABB-free@home or ABB-Welcome system to the planning of new projects, MyBuildings portal provides you with all tools, tailored to your personal needs – whether building owner, refurbisher, architect, electrician, or wholesaler. Everything in one place and with a single login." At the bottom, there are four navigation tiles: "My Home" (with a living room image), "My Installations" (with a person using a smartphone, circled in red), "My Add-Ons" (with a puzzle piece icon), and "My Services & Tools" (with a cloud and gear icon).

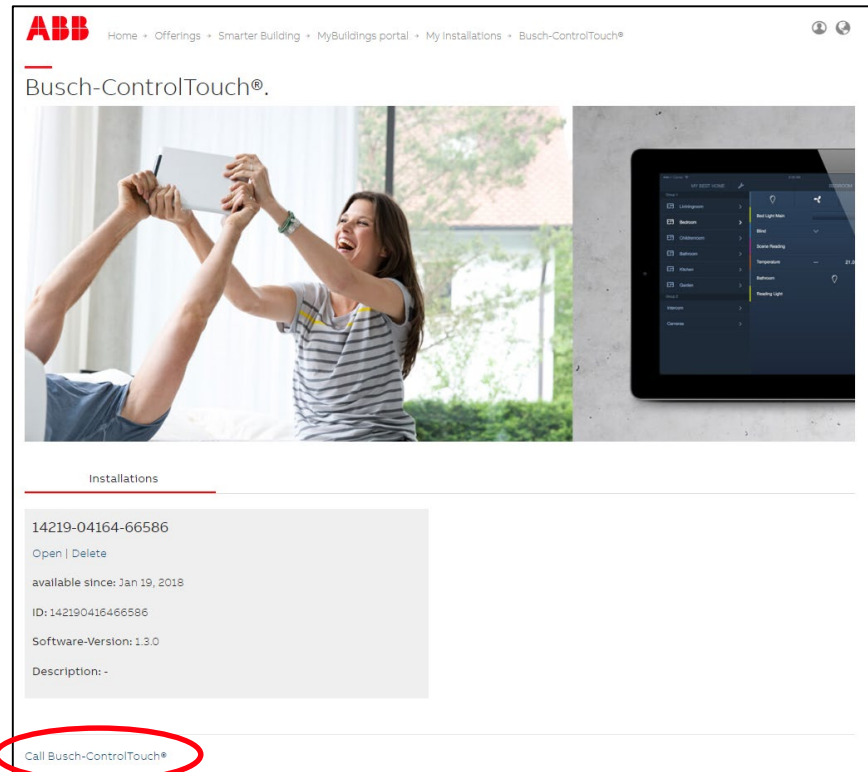


The screenshot shows the "My Installations" page in the ABB MyBuildings portal. The breadcrumb trail is "Home > Offerings > Smarter Building > MyBuildings portal > My Installations". The main heading is "My Installations". Below the heading is a large image of hands holding a smartphone displaying the app interface. Below the image are three navigation tiles: "Busch-ControlTouch®" (with a tablet icon, circled in red), "Busch-VoiceControl®" (with a house and microphone icon), and "Busch-Presence detector" (with an icon of two people and a signal wave).

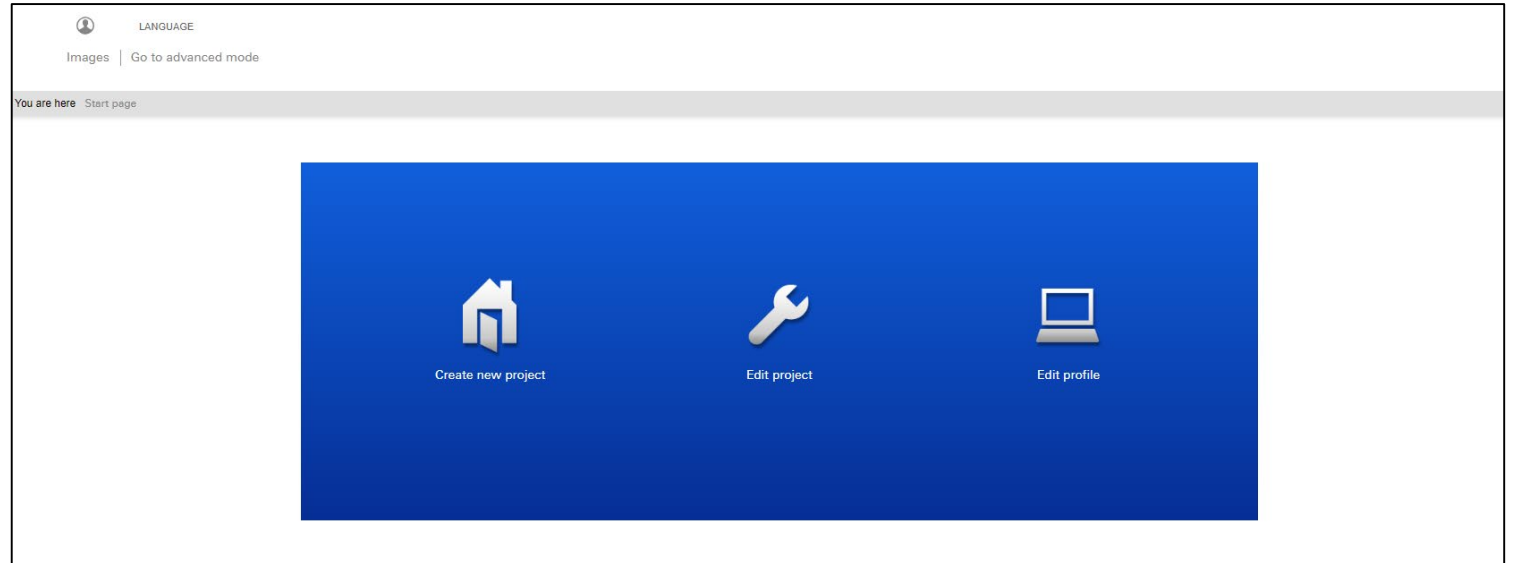
Busch-ControlTouch® - Basic Commissioning

Preparation and Registration

Login to MyBuildings and call “Busch-ControlTouch®”



The screenshot shows the ABB MyBuildings portal interface. At the top, the ABB logo is followed by a breadcrumb trail: Home > Offerings > Smarter Building > MyBuildings portal > My Installations > Busch-ControlTouch®. Below the breadcrumb, the title "Busch-ControlTouch®" is displayed. The main content area features two images: on the left, a woman and a man holding a tablet together; on the right, a close-up of the Busch-ControlTouch® tablet displaying a control menu. Below the images, there is a section titled "Installations" with a list of items. The first item is "14219-04164-66586", which includes links for "Open" and "Delete", and details such as "available since: Jan 19, 2018", "ID: 142190416466586", "Software-Version: 1.3.0", and "Description: -". At the bottom left of the page, a red circle highlights the text "Call Busch-ControlTouch®".



The screenshot shows the main navigation menu of the ABB MyBuildings portal. At the top, there is a "LANGUAGE" dropdown menu and a link to "Images | Go to advanced mode". Below this, a breadcrumb trail reads "You are here Start page". The main content area features a large blue rectangular area with three white icons and their corresponding labels: a house icon for "Create new project", a wrench icon for "Edit project", and a laptop icon for "Edit profile".

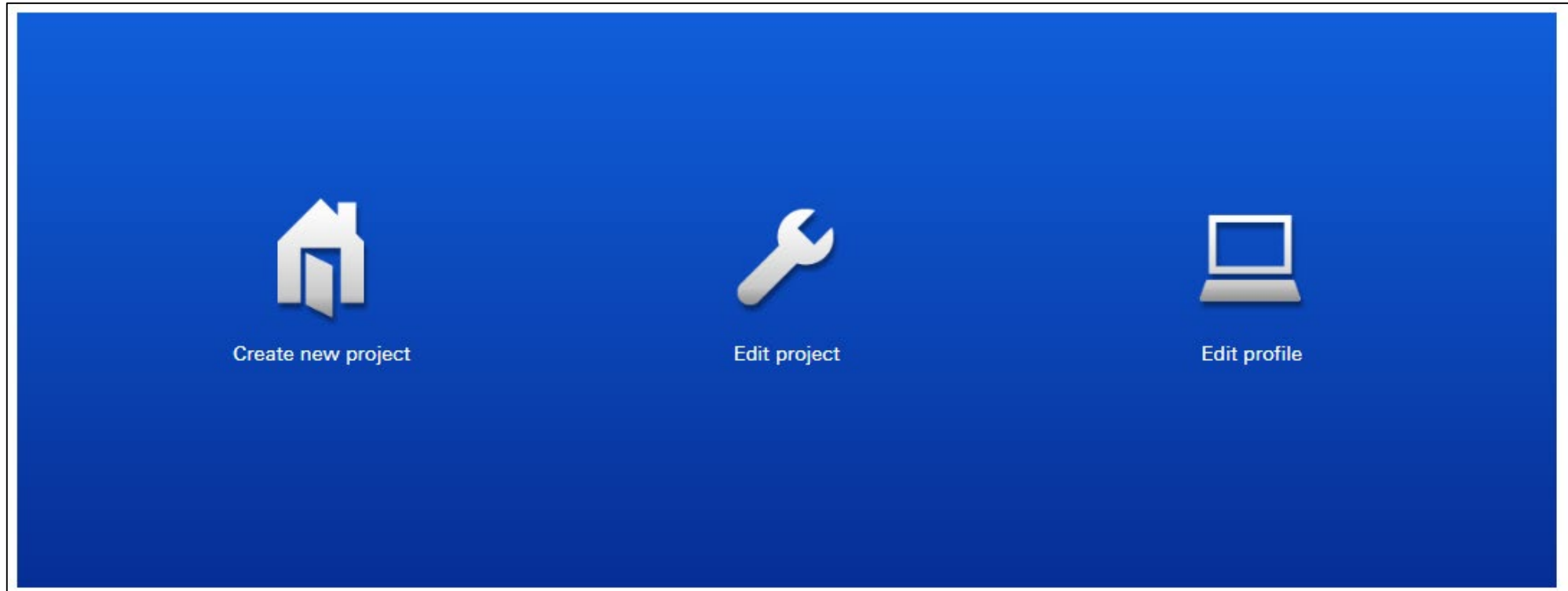
Busch-ControlTouch® - Basic Commissioning

Smart Wizard Commissioning

Busch-ControlTouch® - Basic Commissioning

Smart Wizard Commissioning

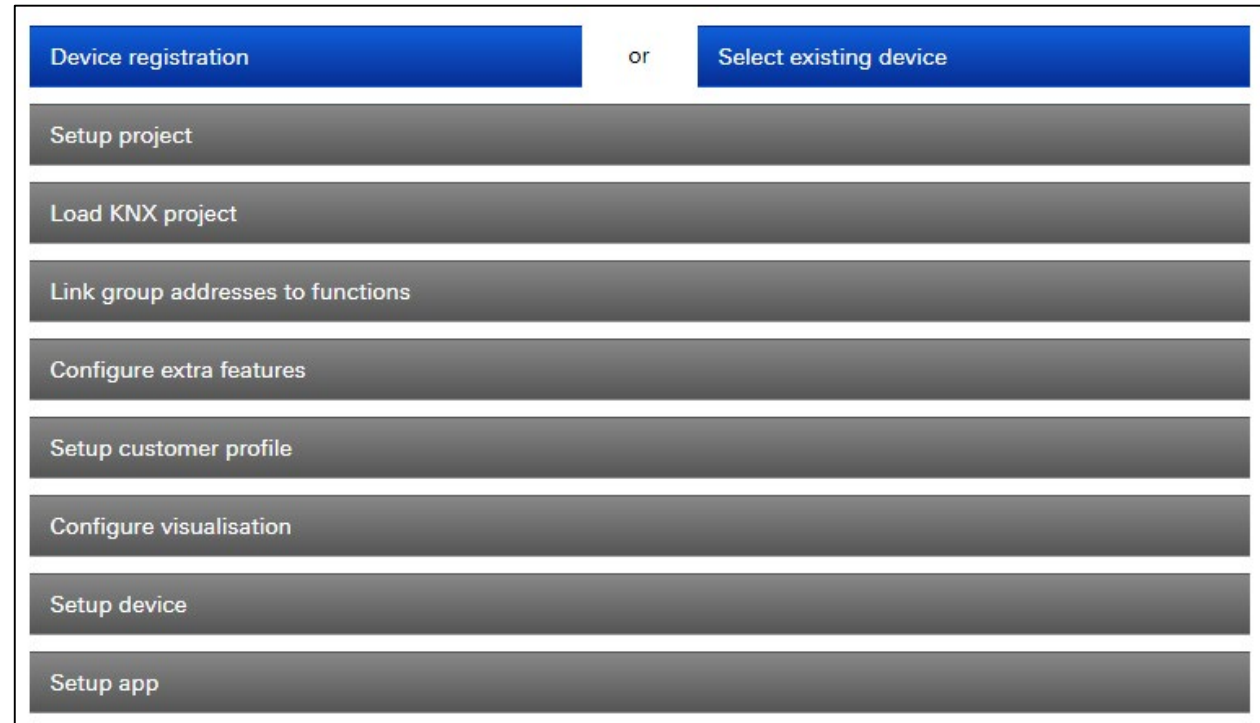
Smart Wizard



Busch-ControlTouch® - Basic Commissioning

Smart Wizard Commissioning

Smart Wizard



The image shows a vertical flowchart for the Smart Wizard Commissioning process. At the top, there are two blue buttons: "Device registration" and "Select existing device", separated by the word "or". Below these are ten grey rectangular steps, each containing a text label. The steps are: "Setup project", "Load KNX project", "Link group addresses to functions", "Configure extra features", "Setup customer profile", "Configure visualisation", "Setup device", and "Setup app".

Device registration or Select existing device

Setup project

Load KNX project

Link group addresses to functions

Configure extra features

Setup customer profile

Configure visualisation

Setup device

Setup app

Busch-ControlTouch® - Basic Commissioning

Smart Wizard Commissioning

Smart Wizard – Device Registration

- Enter the serial number of your Busch-ControlTouch®
- Confirm that you want to register the device as professional
- The Busch-ControlTouch® must be installed by an professional

Register a new device

This registration wizard will help you to register your Busch-ControlTouch.

This is an important part of setting up and configuring your Busch-ControlTouch, which will link your device to your personal account. This account is needed to configure your Busch-ControlTouch.

During this wizard you can always start over by pressing the cancel button.

Serial number:

Next

Register a new device as professional

Please confirm you want to register the device with the user that is currently logged in.

Cancel

Register

This device is not linked to a professional account yet. This wizard will help you to do this first. If you are **not** the professional installing this Busch-ControlTouch, please request your installer to do this for you.

Busch-ControlTouch® - Basic Commissioning

Smart Wizard Commissioning

Smart Wizard – Device Registration

- Create a new “**app**” username and password
- Minimum password conditions: Upper and lowercase A-Z, min. 10 characters, symbol and number
- This username is needed to access the device locally

Register a new device

Create a new app username and password

Username:

Password:

Password (again):

Register a new device

Thank you for the registration of your Busch-ControlTouch, the registration process is finished.

Busch-ControlTouch® - Basic Commissioning

Questions

Busch-ControlTouch® - Basic Commissioning

Questions

Busch-ControlTouch® - Basic Commissioning

Online Learning Session

Homepage

www.abb.com/KNX

→ Products and Downloads
→ Lighting Control
→ Search Options DG/S

- Product Manual
- CAD Drawing
- Installation and Operating Instructions
- Specification Text
- ETS Application
- Selection Table
- CE & RoHS Declaration of Conformity
- ...

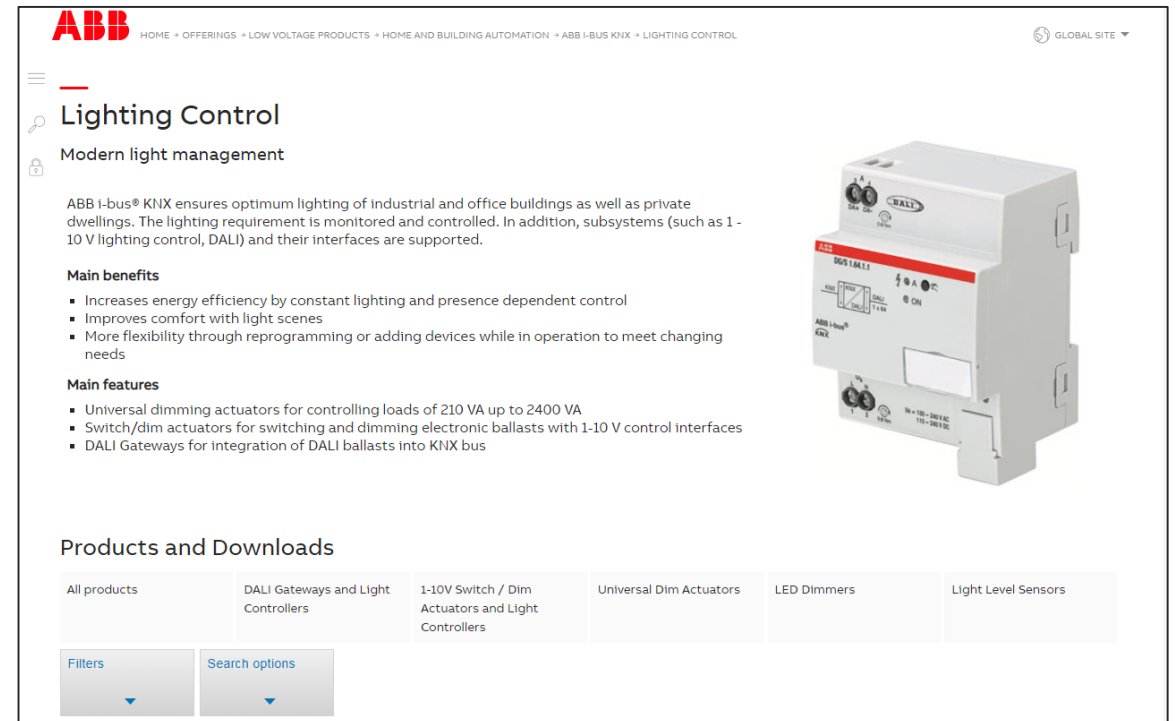


ABB HOME • OFFERINGS • LOW VOLTAGE PRODUCTS • HOME AND BUILDING AUTOMATION • ABB I-BUS KNX • LIGHTING CONTROL GLOBAL SITE ▼

Lighting Control

Modern light management

ABB I-bus® KNX ensures optimum lighting of industrial and office buildings as well as private dwellings. The lighting requirement is monitored and controlled. In addition, subsystems (such as 1-10 V lighting control, DALI) and their interfaces are supported.

Main benefits

- Increases energy efficiency by constant lighting and presence dependent control
- Improves comfort with light scenes
- More flexibility through reprogramming or adding devices while in operation to meet changing needs


Main features

- Universal dimming actuators for controlling loads of 210 VA up to 2400 VA
- Switch/dim actuators for switching and dimming electronic ballasts with 1-10 V control interfaces
- DALI Gateways for integration of DALI ballasts into KNX bus

Products and Downloads

All products	DALI Gateways and Light Controllers	1-10V Switch / Dim Actuators and Light Controllers	Universal Dim Actuators	LED Dimmers	Light Level Sensors
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Filters Search options



Busch-ControlTouch® - Basic Commissioning

Online Learning Session

Further information

Training & Qualification Database

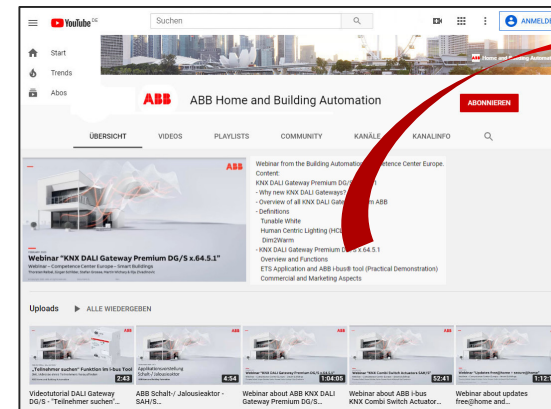
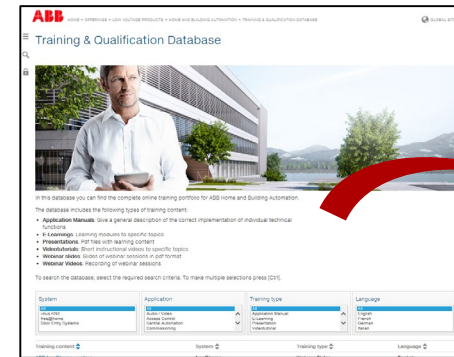
– The database includes the following types of training content:

- Application Manuals
- E-Learnings
- Presentations
- Video tutorials
- Webinar slides and videos
- www.abb.com/knx or <https://go.abb/ba-training>

Youtube

– Channel “ABB Home and Building Automation”

- <https://www.youtube.com/user/ABBibusKNX>



Busch-ControlTouch® - Basic Commissioning

Online Learning Session

Training & Qualification Calendar

In addition to the online modules and the traditional training programs offered by your local ABB sales team, we offer a variety of on-site trainings conducted by our specialists at different ABB training facilities

In this Training & Qualification Calendar you can find the educational events that are taking place during 2020

If you are interested in a training please click the training und you will be forwarded to register in “ABB MyLearning”

www.abb.com/knx or <https://go.abb/ba-training>

→ Training and Qualification

→ Training Calendar



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Training & Qualification Calendar

In addition to the online modules and the traditional training programs offered by your local ABB sales team, we offer a variety of webinars and on-site trainings conducted by our specialists at different ABB Competence Centers.

In this Training & Qualification Calendar you can find the educational events that are taking place during 2018.

If you are interested in a training please [REGISTER HERE](#).

To search the Calendar, select the required search criteria. To make multiple selections press [Ctrl].

System	Date	Location
All	All	Webinar
Door Entry Systems	January 2018	Heidelberg, Germany
Free@home	February 2018	Lödenscheid, Germany
Fire Alarm Systems	March 2018	s. Palomba (Rome), Italy
I-bus KNX	April 2018	Virtuone (Milan), Italy

Content	Date	Location	Language
KNX for Commercial Building	05.04.2018 - 06.04.2018	Lödenscheid, Germany	EN
Building Automation Light + Building 2018	10.04.2018	Webinar	EN
KNX in Hotels	19.04.2018 - 20.04.2018	Heidelberg, Germany	EN
HVAC Automation	23.04.2018 - 24.04.2018	Heidelberg, Germany	EN

ABB MyLearning

HOME CATALOG PROFILE ADMINISTER REPORTS MY LEARNING

CERTIFIED KNX BASIC COURSE
Code : 9CSC007151-GLB-EN-20190218_22
Certified KNX Basic Course at ABB in Heidelberg, Germany, 5 days
★★★★★ | Share

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Online Learning Session

KNX Certified Trainings 2020

Certified KNX Courses in Heidelberg

- Advanced Course: 13th to 17th Jul.
- Tutor Course: 19th to 23rd Oct.
- Basic Course : 16th to 20th Nov.
- Followed by two day application training

Safe the date!!!

And many more training courses in the calendar
“International Training Dates 2020”

www.abb.com/knx or <https://go.abb/ba-training>



Busch-ControlTouch® - Basic Commissioning

Online Learning Session

Next Webinar

KNX DALI Gateway Premium DG/S x.64.5.1 – Special functions

- Human Centric Lighting (HCL) – Colour temperature curve following daylight
- Dim2Warm – Colour temperature changes proportionally to brightness with the effect like a light bulb
- Standby switch-off – Ballast voltage shutdown via additional switching actuator to save energy
- Scenes – 1 bit recall and 1 byte coded scenes
- ABB i-bus® tool – Search menu for a ballast with unknown address, operating hours, ...

Wednesday 6th May 2020

- Morning 09:00 am Europe Time (Berlin, UTC + 2h)
- Afternoon 03:00 pm Europe Time (Berlin, UTC + 2h)



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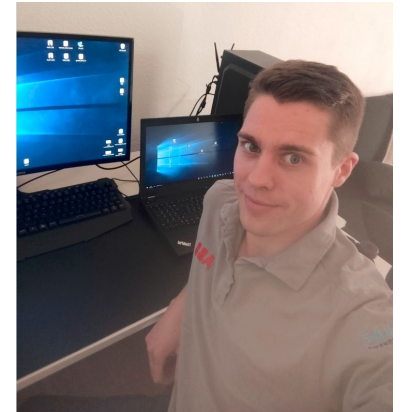
Next online learning sessions

- Thursday 30th April: ControlTouch® – Sonos Linking
- Tuesday 5th May: ETS: Presence Detector – Zones, Calibration and Constant Light Control
- Thursday 7th May: Presence Detector – Master/Slave Concept

... and more will follow



From home office to home office



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