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

<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>Object Function</th>
<th>Description</th>
<th>Group Address</th>
<th>Length</th>
<th>C</th>
<th>R</th>
<th>W</th>
<th>T</th>
<th>U</th>
<th>Data Type</th>
<th>Priority</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>General</td>
<td>In Operation</td>
<td>SA/Sl-Output A-Switch-Entrance</td>
<td>1/0/0</td>
<td>1 bit</td>
<td>C</td>
<td>R</td>
<td>W</td>
<td>T</td>
<td></td>
<td>Low</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Output A</td>
<td>Switch</td>
<td>SA/Sl-Output A-Switch-Entrance</td>
<td>1/0/0</td>
<td>1 bit</td>
<td>C</td>
<td>-</td>
<td>W</td>
<td>-</td>
<td></td>
<td>Low</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Output A</td>
<td>Status Switch</td>
<td>SA/Sl-Output A-Status-Egress</td>
<td>1/0/0</td>
<td>1 bit</td>
<td>C</td>
<td>R</td>
<td>-</td>
<td>T</td>
<td></td>
<td>Low</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>Output B</td>
<td>Brightness value / Status</td>
<td>UD/S2.300.2-Output B-Status-Floor</td>
<td>1/4/1</td>
<td>1 byte</td>
<td>C</td>
<td>R</td>
<td>W</td>
<td>T</td>
<td></td>
<td>Low</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>Output B</td>
<td>Status byte</td>
<td>UD/S2.300.2-Output B-Status-Floor</td>
<td>1/4/1</td>
<td>1 byte</td>
<td>C</td>
<td>R</td>
<td>-</td>
<td>T</td>
<td></td>
<td>Low</td>
<td></td>
</tr>
<tr>
<td>46</td>
<td>Output B</td>
<td>Status switch</td>
<td>UD/S2.300.2 Switching Feedback Output B</td>
<td>1/3/4</td>
<td>1 bit</td>
<td>C</td>
<td>R</td>
<td>-</td>
<td>T</td>
<td></td>
<td>Low</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>Output B</td>
<td>Relative dimming</td>
<td>UD/S2.300.2-Output B-Dim-Floor</td>
<td>1/1/1</td>
<td>4 bit</td>
<td>C</td>
<td>-</td>
<td>W</td>
<td>-</td>
<td></td>
<td>Low</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Output B</td>
<td>Switch</td>
<td>UD/S2.300.2-Output B-Switch-Floor</td>
<td>1/0/5</td>
<td>1 bit</td>
<td>C</td>
<td>-</td>
<td>W</td>
<td>T</td>
<td></td>
<td>Low</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>RTC: Heating control value</td>
<td>Output</td>
<td>RTC: Heating control value</td>
<td>3/0/2</td>
<td>1 bit</td>
<td>C</td>
<td>-</td>
<td>T</td>
<td></td>
<td>switch</td>
<td>Low</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>RTC: On/off confirmation (Master)</td>
<td>Output</td>
<td>RTC: On/off confirmation (Master)</td>
<td>3/0/3</td>
<td>1 bit</td>
<td>C</td>
<td>R</td>
<td>W</td>
<td>T</td>
<td>U</td>
<td>switch</td>
<td>Low</td>
</tr>
<tr>
<td>22</td>
<td>RTC: Actual temperature</td>
<td>Output</td>
<td>RTC: Actual temperature</td>
<td>3/0/4</td>
<td>2 bytes</td>
<td>C</td>
<td>-</td>
<td>T</td>
<td>temperature (°C)</td>
<td>Low</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>RTC: Fault, actual temperature (master)</td>
<td>Output</td>
<td>RTC: Fault, actual temperature</td>
<td>3/0/5</td>
<td>1 bit</td>
<td>C</td>
<td>R</td>
<td>-</td>
<td>T</td>
<td></td>
<td>switch</td>
<td>Low</td>
</tr>
<tr>
<td>27</td>
<td>RTC: actual setpoint</td>
<td>Output</td>
<td>RTC: actual setpoint</td>
<td>3/0/6</td>
<td>2 bytes</td>
<td>C</td>
<td>-</td>
<td>T</td>
<td>temperature (°C)</td>
<td>Low</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>RTC: Normal operating mode (Master)</td>
<td>Input/Output</td>
<td>RTC: Normal operating mode (Master)</td>
<td>3/0/7</td>
<td>1 byte</td>
<td>C</td>
<td>W</td>
<td>T</td>
<td>U</td>
<td>HVAC mode</td>
<td>Low</td>
<td></td>
</tr>
</tbody>
</table>

### Switching:

### Dimming:

### HVAC:

### Solo:
Busch-ControlTouch® - Basic Commissioning
Preparation and Registration

Creating MyBuildings account

[Image of login interface]

[Image of registration form]

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May 11, 2020
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Preparation and Registration

Login to MyBuildings and call “Busch-ControlTouch®”
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Preparation and Registration

Login to MyBuildings and call “Busch-ControlTouch®”
Busch-ControlTouch® - Basic Commissioning

Smart Wizard Commissioning
Smart Wizard
**Busch-ControlTouch® - Basic Commissioning**

Smart Wizard Commissioning

**Smart Wizard**

- 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
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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
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
Busch-ControlTouch® - Basic Commissioning

Questions
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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
– • • •
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](https://www.abb.com/knx) or [https://go.abb/ba-training](https://go.abb/ba-training)

Youtube
- Channel “ABB Home and Building Automation”
  - [https://www.youtube.com/user/ABBibusKNX](https://www.youtube.com/user/ABBibusKNX)
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 and you will be forwarded to register in “ABB MyLearning”

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

→ Training and Qualification
→ Training Calendar
**Busch-ControlTouch® - Basic Commissioning**

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**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

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

[www.abb.com/knx](http://www.abb.com/knx) or [https://go.abb/ba-training](https://go.abb/ba-training)

Certified KNX Basic Course
February 2020 in Heidelberg
Busch-ControlTouch® - Basic Commissioning

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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Online Learning Session

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
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