

# ABB i-bus® KNX Product Training

<b>DESCRIPTION</b>	ABB i-bus® KNX Product Training
<b>PREQUSITE</b>	Basic knowledge of standard electrical installations, attended basic course and passed the final exam
<b>TARGET GROUP</b>	Local ABB organization, Start-Up local System Integrators team
<b>LANGUAGE</b>	English
<b>GENERAL INFORMATION</b>	
ABB contact	Your <a href="#">local ABB</a>
Date	22 <sup>nd</sup> – 24 <sup>th</sup> June 2020
Training location	RCCASIA Training Room
Trainer	ABB ELSB - Competence Center Asia
<b>DAY 1, MONDAY 22<sup>ND</sup> JUNE</b>	<b>RCCASIA TRAINING ROOM</b>
09:00	Welcome
09:15	<p><b>ABB i-bus® KNX Product Overview</b></p> <p><b>Power Supply</b> - diagnostics functions</p> <p><b>System Infrastructure and Interfacing</b> - selection of line couplers, IP interface, IP router or IP secure</p> <p><b>Room Automation Products</b> – specific products for small office or hotel rooms</p>
10:30	Coffee / Tea Break
10:45	<p><b>Inputs and Outputs</b> - wide range of products for inputs or outputs</p> <p><b>Lighting and Shading Control</b> – optimum selection as combi range usable for either lighting or shading in addition to separate controls in various current rating</p>
13:00	Lunch
13:45	<b>User Operation Design Ranges</b> – Push buttons and sensors
15:00	Coffee / Tea Break
15:15	<b>Automation, Logic and Time Control</b> – products relevant and needed to perform complex logical functions and challenging project requirements
17:30	End of Day 1

DAY 2, TUESDAY 23 <sup>RD</sup> JUNE	RCCASIA TRAINING ROOM
09:00	Welcome
09:15	<p><b>ABB i-bus® KNX Product Overview</b></p> <p><b>Heating, Ventilation and Air Conditioning Introduction.</b> fan coil controllers, split unit gateways and application controllers</p>
10:30	Coffee / Tea Break
10:45	<p><b>Visualisation, Display and Signalling</b> – user friendly displays with intuitive user operations</p>
13:00	Lunch
13:45	<p><b>Safety and Monitoring</b> – products for transparent monitoring and safe processing of faults</p>
15:00	Coffee / Tea Break
15:15	<p><b>Presence Detection</b> - Knowing if people are in or moving around the building is a valuable asset for the efficient automation of any property. The ABB i-bus® KNX range of innovative motion and presence detectors helps to control and manage daily tasks in every sector of the building – indoors and outdoors. Whether lighting, heating, air-conditioning or security related functions, this portfolio of premium design, high quality detectors can significantly improve levels of safety, efficiency and comfort throughout the building.</p>
17:30	End of Day 2
DAY 3, WEDNESDAY 24 <sup>TH</sup> JUNE	RCCASIA TRAINING ROOM
09:00	Welcome
09:15	<p><b>ABB i-bus® Unique Offers</b></p> <p><b>MyBuildings portal</b> – for secure remote access using ABB server</p> <p><b>Busch-VoiceControl®</b> - control completely by voice command with the digital speech assistants Apple HomeKit, Amazon Alexa and Google Assistant.</p> <p><b>Busch-ControlTouch</b> - freely programmable IP-/KNX gateway as multi-room app control</p>
10:30	Coffee / Tea Break
10:45	<p><b>ABB EQmatic Energy Analyzer</b> is a compact solution for monitoring, logging, visualizing and analyzing energy and consumption data from electricity, gas, water or heat meters via KNX, M-Bus or Modbus RTU. The web-based user interface is individually configurable to the respective requirements and makes it possible to identify energy thieves and optimize energy costs sustainably.</p>
13:00	Lunch
13:45	<p><b>The IoT Dashboard</b> is user-friendly and easy to use, giving electrical installers with no pre-knowledge of dashboards or visualization a simple route into the Smart Building market. The new IoT Dashboard comes with pre-programmed frames and</p>

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	allows strong control and monitoring of all automated building functions, from dimming and switching of lights to controlling blinds, heating and ventilation.
15:00	Coffee / Tea Break
15:15	Discussions, Questions & Answers
17:30	Goodbye

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#### SEMINAR DETAILS

**Participation:**

- The training is open to ABB employees and their customers.
- The participation is limited to max. 10 people
- The training language will be English
- For further coordination please contact your Your [local ABB](#).