Certified KNX Basic Course

GENERAL INFORMATION

ABB contact	Your local ABB
Date	20th to 24th November 2023
Training location	ABB Customer Training Center Heidelberg/Germany Building 11 Eppelheimer Str. 82 69123 Heidelberg, GERMANY eventmanager-hd@de.abb.com
Trainer	Jürgen Schilder KNX Certified Tutor Building Academy Smart Buildings

MONDAY, 20TH NOVEMBER 2023	**SEMINAR ROOM "EDISON"**
09:00	Welcome
	Basics of KNX System arguments and overview
	Differences between KNX and conventional installations Applications, examples and possibilities of KNX
	Product overview
	Communication
	Group addresses and objects
17:00	ETS6 Professional: Introduction, basics and settings Creating a project, set up a building structure, insert bus devices, set parameters of bus devices, link group addresses, …

TUESDAY, 21ST NOVEMBER 2023	**SEMINAR ROOM "EDISON"**
09:00	Topology
	KNX-hierarchy and couplers
	Division of lines in a project
	Commissioning of KNX devices in a line
17:00	Controlling of lights (switching, group and central functions)

WEDNESDAY, 22ND NOVEMBER 2023	SEMINAR ROOM "EDISON"
09:00	Flags of group/communication objects
	Telegram structure
	Diagnosis functions of the ETS6 Professional
	Controlling of lights (switching, dimming and set values)
17:00	Controlling of shutter/blinds

THURSDAY, 23RD NOVEMBER 2023	SEMINAR ROOM "EDISON"
09:00	Directives for the installation (SELV, bus cable, …)
	Structure of a KNX device
	Line coupler (TP and IP)
	Commissioning of KNX devices with line coupler in a line
	Controlling of lights and shutter/blinds via Line coupler
17:00	Find installation and commissioning errors and solve them

FRIDAY, 24TH NOVEMBER 2023	SEMINAR ROOM "EDISON"
09:00	Find installation and commissioning errors and solve them
	KNX RF
	Theoretical and practical exam according to KNX-rules
	Final discussion
	Awarding of KNX certificate
16:00	End of certified KNX Basic Course

SEMINAR DETAILS

Participation:

- The seminar is offered only to participants from countries without a local, manufacturer independent certified KNX training center. The training is open to ABB employees and their customers.

- A participant who has successfully completed the course and final examination will receive the official KNX Certificate and become a KNX Partner

- The participation is limited to max. 14 people

- The training language will be English

- For further information (seminar fee, arrangement support, visa, etc.) please contact your local ABB

Additional product and application training:

- Additionally, in order to go into greater technical depth, we have reserved the Monday and Tuesday (27th and 28th November) after Certified KNX Course for ABB product and application training for those participants who wish to stay on. Our goal is to build on the basic KNX knowledge gained in the Certified Course in order to be able to create customer specific solutions.

- An additional registration for the product and application training is required