

Online-Training - KNX Diagnostic / Maintenance: Efficient maintenance of KNX systems (BC-KNXD)

Kurzbeschreibung

The KNX Diagnostics online-training is intended for all those who wish to learn how to use the necessary tools for faster troubleshooting and analysis in KNX/DALI/IP systems. Basic knowledge of the KNX bus systems and good knowledge of ETS5 are essential for successful completion of this online-training. The practical training sessions for troubleshooting and servicing on the training equipment are an important component of this online-training.

This course is also available as a [face-to-face training](#).

Ziele

Upon completing the course you will be proficient in troubleshooting and fault clearance. You can respond quickly to fault messages, as you know exactly what has to be done. This saves you valuable time during maintenance and reduces any downtimes in your system.

Zielgruppe

- Maintenance contractors
- Service personnel
- Commissioning technicians

Inhalte

- KNX system design: Communication, Busdevices, Topology, Telegram structure
- ETS: HMI design, configuration of the workspaces
- Practical part 1: commissioning of a predefined project; application of diagnostic and analytic functions of ETS for bus lines, devices and functions (telegrams); line crossing functions (couplers)
- Practical part 2: Error patterns - retrieve and eliminate, e.g. wrong communication flags, missing or swapped address links; faulty load status of bus devices, wrong setup of interface address; line crossing loop installation
- Practical part 3: reading and interpreting an existing installation with the tools "reverse engineering" and "EIB-Doktor"; rebuilt the original configuration settings. Learn the options and limitations of these tools.

Teilnahmevoraussetzung

Mandatory: Successful participation in KNX Basic, knowledge of ETS5 or higher, Experience in using MS Windows 10 or higher

Optional: Profound knowledge in electrical installation technology

Hinweise

We use ETS5; the training schedule is split in a preparation phase (between 3 and 7 days before the actual training starts), announced by the trainer, and a 2 days regular training in which the students use a life meeting tool, such as Teams or Circuit, and Teamviewer for remote access to the training laptops. This course is evaluated as a partial module for the qualification "Siemens KNX Building System Specialist" and counts 2 points. (12 required)

Typ

Online-Training

Dauer

3 Tage

Sprache

en