ABB STOTZ-KONTAKT GmbH
ABB i-bus® KNX
i-bus® Tool
i-bus® Tool
Overview

Innovative software concept for diagnostics and commissioning of ABB i-bus® KNX devices

- Display device information
- Simplification of commissioning
- Diagnostic functions
- The tool can be downloaded free-of-charge from the ABB website www.abb.com/knx
For each supported device there is a unique user interface (plug-in) within the i-bus® Tool.

New functions and plugins are automatically made available by an online update and can be loaded if required.

The i-bus® Tool is optional, i.e. the ABB i-bus® KNX devices can still be commissioned using just the ETS.

No divergences to the ETS project can result through the i-bus® Tool.
i-bus® Tool
Functions 2

- The i-bus® Tool accesses an ABB i-bus® KNX device via a standard KNX interface (RS232, USB, IP).
- The physical address must be known or the programming button must be pressed.
- For the connected device, functions can be triggered, values can be read, states can be simulated and settings can be made.
• New functions and plug-ins are automatically made available by an online update and can be loaded if required.

• In demo mode, the functions of the plug-ins can be demonstrated without a device being connected.

• If the Help button is pressed, a context-sensitive help menu opens.

• A quick access menu for certain functions is available.
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System requirements

- Windows XP, Windows 7 (32, 64 Bit)
- Falcon from version 1.8
- .NET Framework 4.0
  (same as ETS4)
- no installation necessary
- Desktop icon is automatically created
Currently, the following devices are supported (November 2011):

- New Blind/Roller Shutter Actuators (JRA/Sx.y.z.1)
- DALI Light Controller(*)
  (DLR/S 8.16.1M)
- 1-10V Light Controller
  (LR/S x.16.1)
- Energy Actuator
  (SE/S 3.16.1)

→ new devices are added continuously

(*) For the DLR/S, only the Light Controller functionality is supported. For commissioning of the DALI functionality, the DALI tool is required for the time being.
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First steps

- Choose KNX interface and connect to device.

- Select configuration mode.

- Change settings if necessary (presentation language, refresh rate)
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Plug-ins

Blind/Roller Shutter Actuators (JRA/Sx.y.z.1)

- Display of status information, alarms and travel times
- Control blind/roller shutter directly (move up/down and slat adjustment)
- Simulate weather alarms
- Automatic Control
i-bus® Tool
Plug-ins

Light Controller
(DLR/S8.16.1M(*) and LR/Sx.16.1)

- Display of parameterized additional function
- Set brightness values
- Artificial light calibration, daylight calibration
- Display sensor values of the connected light sensors

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Plug-ins

Energy Actuator
(SE/S3.16.1)

- Display all instrument and power values
- Display status bytes in clear text

(*) From application version 1.2
i-bus® Tool Plug-ins

Energy Actuator (SE/S3.16.1)

- Switching of outputs
- Show meters and intermediate meters
- Display the parameterized start- and stop condition (Trigger 1/2)
- Start and stop intermediate meters
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