Datasheet HVAC KNX SL

The **HVAC KNX Library** enables sending and receiving KNX group addresses via KNX IP interfaces (UDP) directly from the IEC program. It offers ready-made function blocks for various DPT KNX data types and has been tested with various manufacturer-specific KNX IP interfaces.

For more information: https://support.powerio.com/codesys-hvac/hvac-knx-library/description

Without license acquisition (download only), the HVAC KNX SL operates for 30 minutes without functional limitations (Demo).

Description

The **HVAC KNX Library** enables direct retrieval of KNX IP data from applications through KNX IP interfaces via UDP. A master function block is placed and individual group address function blocks are linked to this master.

Description and documentation: HVAC KNX Library

Key Features

- Optimized for the CFC editor with master-slave architecture
- Direct configuration without additional mapping – group addresses are entered directly at the block
- DPT Read and Write blocks as well as the most common DPT data point blocks included
- General block for direct retrieval of KNX raw data
- The KNX IP interface monitors the bus – data appears in the correct format at the block

Tested KNX IP Interfaces

- ABB IPS/S 3.1.1
- SIEMENS SWG1 148-1AB22
- MDT SCN-IP000.03

This solution complements ideally with the **HVAC Building Automation Package**.

Manufacturer

Supplier	powerIO GmbH
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General Information

Product	HVAC KNX SL
Article Number	2312000023
Scope of Delivery	HVAC KNX Library, Example Project in CFC
Demo/Test Mode	30 minutes
Distribution	CODESYS Store – https://store.codesys.com

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System Requirements and Limitations

Programming System	CODESYS Development System V3.5.16.30 or higher
Runtime System	CODESYS Control V4.2.0.0 or higher
Supported Platforms	All CODESYS runtime systems in the specified version

Licensing

Single device license: The license can be used on the controller where the CODESYS runtime system is installed.

License activation is done on a software-based license container (soft container) that is permanently bound to the controller. Alternatively, the license can be stored on a CODESYS Key (USB dongle). By plugging the CODESYS Key into a different controller, the license can be used on that controller.

Without license acquisition (download only), the library functions for 30 minutes without functional limitations (Demo).

License: HVAC KNX SL License

Note: Use the "Device Reader" project to determine the functions supported by the controller. "Device Reader" is available free of charge in the CODESYS Store.