



KNX SPS

The central programmable logic controller with integrated LAN gateway



Highlights

- Complete software package: configuration & programming tools, OPC- Server and visualization software (FIAVis)
- Direct connecting on EIB/KNX (two wire) or via KNXnet/IP Router protocol (fast LAN backbone)
- Fast ETSdatabase import of group addresses/object infos. No extra files required
- The KNX SPS continuously keeps track of all data changes on the bus
- No delay- or initialization times for visualization systems due to bus data retrieval, the visualization data is served at high LAN speed
- Up to 16 visualization systems/OPCServer can be connected at the same time
- Visualization server for mobile devices (FIAVis App Commander, additional licences required)
- TCP/IP network protocol, the KNX SPS can be used and configured by Intranet and Internet, password protected
- OPC interface for BMS and visualization systems
- Firmware updates, data backup and configuration changes can be done by a web browser
- Remote EIB/KNX programming via ETS
- Exchange data between other KNX SPS devices by network
- Central functions are fully supported through emulation of the actuator objects
- Explicit polling of the actual values of group addresses possible
- Easy graphical programming of complex logics
- More than 100 ready to use function blocks for logic operations, time programs, regulation, climatic functions, Email (TLS/SSL) and much much more
- Time synchronization by EIB/KNX or network (NTP protocol)
- Code your own functions using the integrated scripting language
- No server PC required, high reliability
- Rail mounted device (6TE = 105mm)

Fields of application

The KNX SPS is the central intelligence for the EIB/KNX. The device can work without a PC, and will execute its programmable logic reliable. The programming software comes with over 100 ready to use function blocks, it is even possible to write your own blocks by a C-like script language. Therefore the realization of nearly every complex function with the EIB/KNX is possible. You can test your logics offline, without KNX SPS, on your PC, and download them by the LAN connection to the KNX SPS. The KNX SPS is delivered with a complete software package. Included are the configuration and programming tools, an OPC-Server driver and the b+b visualization system FIAVis. Furthermore the KNX SPS can be used as a full visualization server for mobil devices (FIAVis App Commander, additional licences are required).

Package contents

- KNX SPS • Windows software for programming/configuration • OPC-Server software
- FIAVis visualization (up to 500 process points) • Documentation

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