



# EIB-SPS

The central programmable logic controller with integrated LAN gateway.



## Highlights

- Including OPC-Server, ActiveX, DLL, Visu (FIAVis, Control Panel)
- Direct connecting on EIB (two wire)
- Direct ETS2 and ETS3 -database import of group addresses/object infos. No extra files required
- The EIB 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 visualisation-system is served at LAN speed (100MBit/s)
- Visualization-systems start up with actual values within seconds-rather than minutes or hours when using a standard serial interface
- Coupling of any EIB-World to Intranet/Internet by the common network protocol TCP/IP
- DIN-rail-mounting
- Firmware updates via network possible
- Direct coupling to Facility Management Systems using the OPC mechanism
- Up to 8 visualization system connections can be used at the same time
- All groupaddresses are permanently monitored and stored into an internal process item list
- Full read/write access to group addresses
- Central functions are fully supported through emulation of the actuator objects
- No server PC required, the EIB-SPS is an EIB server in the network
- Explicit polling of the actual values of group addresses possible
- Group addresses may be preset to distinct values
- Configuration is done via network.
- Integrated 230V-power supply
- Easy graphical programming of complex logics using the included software
- More than 100 ready to use function blocks for logic operations, time programs, regulation, climatic functions, Email, SMS and much much more

## Fields of application

The EIB-SPS is the central intelligence for the EIB. 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-alike script language. Therefore the realisation of nearly every complex function with the EIB is possible. You can test your logics offline, without EIBSPS, on your PC, and download them by the LAN connection to the EIB-SPS.

The EIB-SPS comes with drivers for visualization systems, and even an OPCServer is included in delivery, so you can use the EIB-SPS as a fast LAN-to-EIB connection for you visualization/GLT system. The LAN connector can also be used for remote controlling the EIB by an ISDN router.

## Interfaces

- TCP/IP (protocol specification freely available) ▪ 32 bit DLL ▪ ActiveX ▪ OPC

## Package contents

- EIB-SPS ▪ Software for programming the EIB-SPS (Microsoft Windows 95/98/NT/2000/XP/Vista x86)
- OPC-Server, ActiveX, DLL, Visualization (free 500 license of FIAVis included) ▪ Documentation

**b+b Automations- und Steuerungstechnik GmbH**

Eichenstraße 38a · 64743 Beerfelden · Tel. +49(0) 60 68/47 891-0 · Fax: +49(0) 60 68/47 891-69

www.bb-steuerungstechnik.de · E-mail: info@bb-steuerungstechnik.de