Lingg + Janke

Wohn- und Gebäude-Elektronik. **einfach. smart.**

KNX IP-Switches

KNX

FaciLityWeb

KNX IP-Switches for More Transparency

FTP over KNX

FacilityWeb and the new „FTP over KNX" standard make it possible – you can now 'surf' into the KNX devices and read out data. And the added benefit of this form of KNX communication is that it works without any special software. You just need a network connection to obtain operations information or meter readings of the devices and to see the status of the communication objects. So, you now have access from any location! KNX IP-Switches by Lingg & Janke offer enhanced functionality that improves transparency.
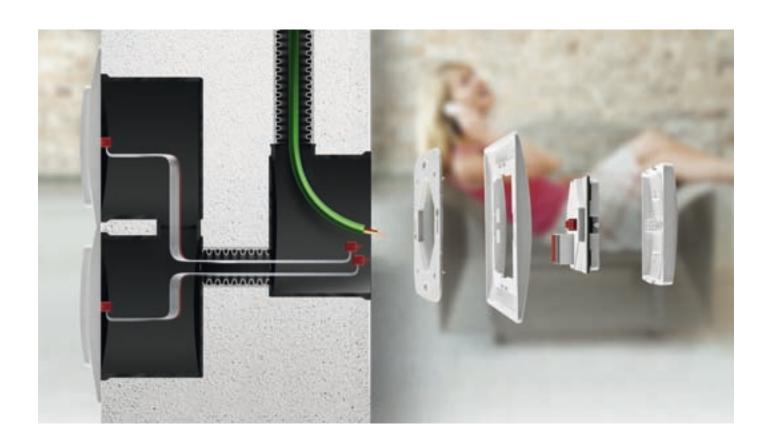
Flexible Functions

KNX IP-Switches by Lingg & Janke help you to boost flexibility and efficiency of building installations. The system comprises a basic module with KNX bus coupler interface. Using extension modules, it is capable of implementing up to 16 switching functions. Prefabricated cables ensure easy and speedy connection of the extension modules. The I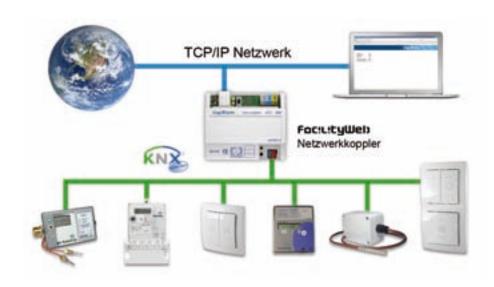P-Switch allows you to install typical corridor/room situations cost-effectively, with only one bus coupler. Both, basic and extension modules, can accommodate one-way or two-way rocker switches. The rocker switches are designed as push-buttons with centre position so that they can provide different switching functions, such as ON/OFF, dimmer, or louvre blinds control.

Extension Made Easy

Up to three extension modules, connected by prefabricated cables, open out the functional range of the KNX IP-Switch basic module. As many as 16 switching functions can thus be implemented without great expense, using just one bus coupler.

Look into the IP-Switch

TCP/IP Netzwerk

FacilityWeb Netzwerkkoppler

Lingg & Janke's FacilityWeb technology is characterized by its integrated KNX communication via HTTP and FTP. With this type of communication, each KNX bus device has its own homepage identified by its specific physical address and the IP address of the network coupler having the role of a link. While smart metering focuses on the reading and visualization of consumption data, KNX IP-Switches act as virtual switches through a Web browser, Vista Sidebar or mobile devices. All pushbutton and switch functions can be activated via the IP network. This principle allows easy-to-implement visualization of feedback switching states.

Easy Parameter Definition

In the ETS application software, you always go through the same steps when setting the module parameters, be it the basic module or the extension module. For every module you decide whether the switch function is to be implemented by a rocker switch action or a single-key pushbutton action. The switch action itself can be an ON/OFF or dimmer operation, louvre blinds or scenario control, or a valuator function.

Our Range of Switches

The range of KNX IP-Switches presented by Lingg & Janke comprises a basic module and an extension module, each offering 4 pushbutton switches. Each module can be configured to provide toggle switch or 1-way switch actions.

The extension modules are connected by means of prefabricated ribbon cables of different lengths of up to 50 cm.

The switching rockers are available in the color arctic-white and with laser-engraved labeling. All IP switching modules are offered with a 1-way or 2-way rocker unit. KNX IP-Switches are compatible with the Kopp Design HK05 switch range and can thus be freely combined with these devices.

KNX

KNX is approved as International Standard (ISO/IEC 14543-3), European Standard (CENELEC EN 50090 and CEN EN 13321-1) , and Chinese Standard (GB/Z 20965).

KNX is a cross-trade platform for all applications in home and building control - from heating, lighting and blind control to ventilation and security systems.

Based on the open **FTP over KNX** standard, smart meter solutions for efficient consumption measurement and analysis can be easily implemented to monitor energy usage and control energy costs.

Lingg & Janke supplies innovative products and system solutions for more efficiency, security and installation flexibility in both residential and commercial buildings.

FacilityWeb®

Based on FTP over KNX, FacilityWeb turns every bus subscriber into a web server capable of measuring, visualizing and controlling energy consumption in real time.

The advantages
- Low power consumption of the bus couplers (150 mW)
- Bus couplers are reasonably priced
- Nearly the same functional range as „large" web servers
- Easy to implement as all functions are ready for operation
- Only little amount of planning required
- Every bus coupler has its own home page
- End users don't need additional software

FacilityWeb is a registered trademark of Lingg & Janke. It provides highly effective functions for measuring, visualizing and controlling the consumption of different energy sources via Intranet or Internet. The consumption data is transmitted over bus couplers to a web site where consumers can be switched on or off directly via the web browser's user interface. Commissioning engineers, house owners or facility managers are now able to obtain operations information or meter readings of the devices from any location via Intranet/Internet. Moreover, energy saving measures can be implemented while the individual systems are operating. FacilityWeb can be used for all types of energy sources.

Smart metering with FacilityWeb

Ask for our new information brochure or visit our website at:

www.Lingg-Janke.de

Lingg Janke

KNX/EIB Systemhaus
Zeppelinstraße 30
D-78315 Radolfzell

tel   +49 (0) 7732 945 57 50
fax   +49 (0) 7732 945 57 99
e-mail   info@lingg-janke.de
         www.lingg-janke.de

Subject to technical modification / errors excepted