Lingg & Janke

FacilityWeb®

KNX IP-Switches

KNX IP-Switches for More Transparency

FTP over KNX

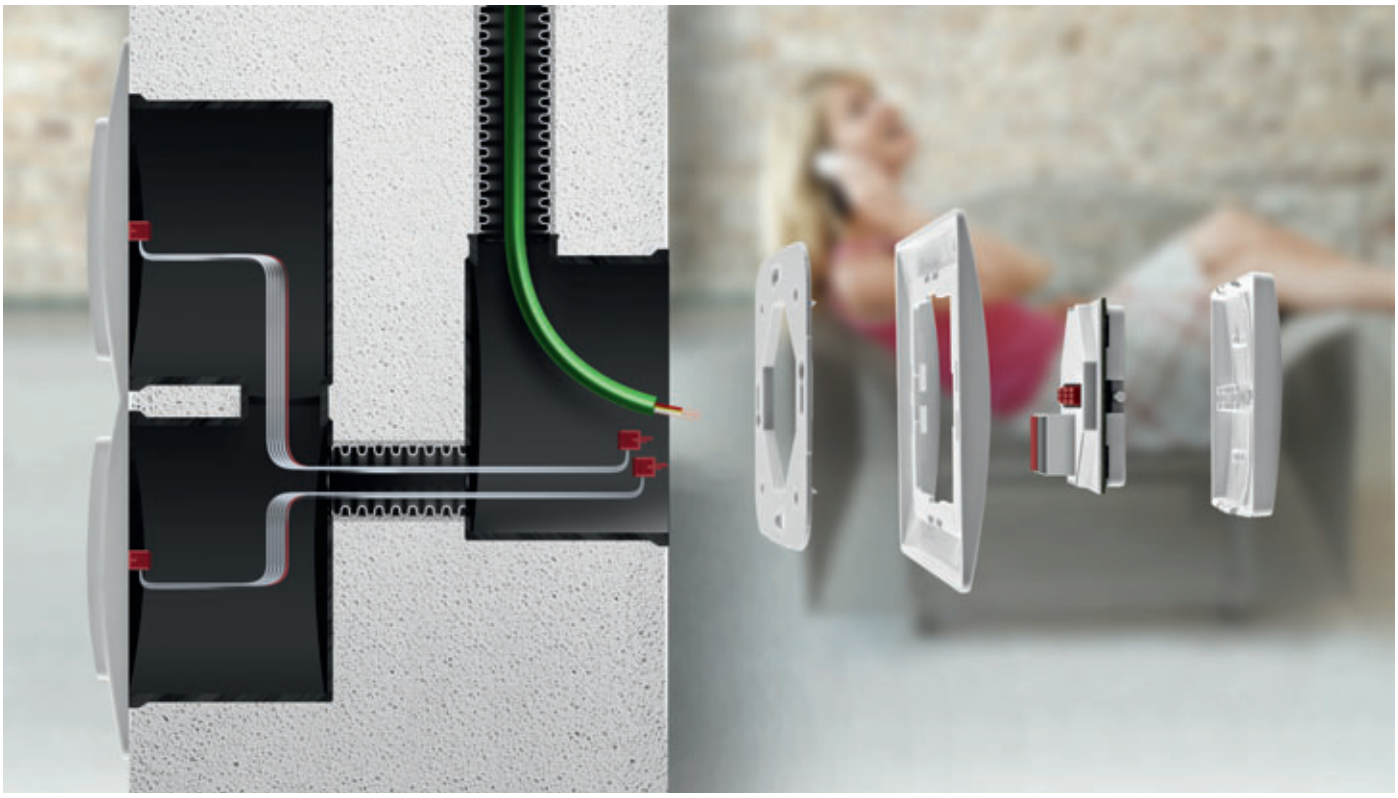
FacilityWeb and the new „FTP over KNX“ standard make it possible – you can now „surf“ into the KNX devices and read out data. And the added benefit of this form of KNX communication is that it works without any special software. You just need a network connection to obtain operational information or meter readings of the devices. You may even see the status of the KNX communication objects. And access is from any location with network connectivity! KNX IP-Switches by Lingg & Janke offer enhanced functionality for improved transparency of a KNX installation.

Flexible Functions

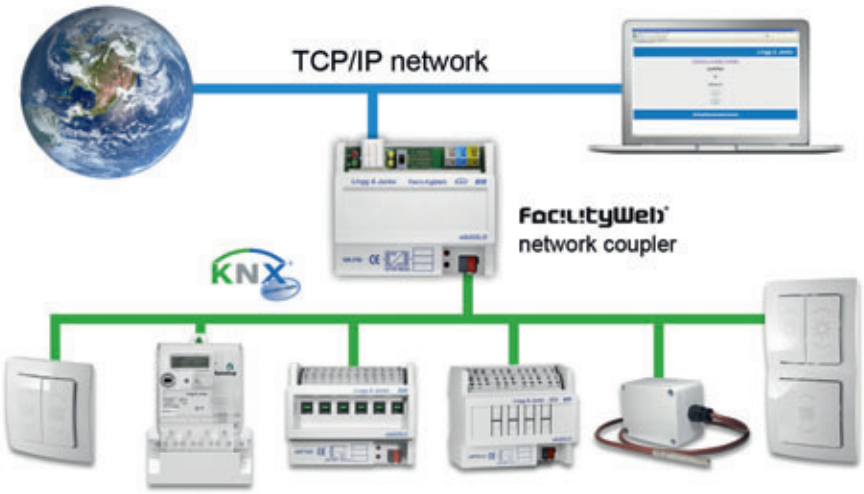
KNX IP-Switches by Lingg & Janke help you to improve flexibility and efficiency of your KNX installations. The system comprises a main module with included KNX bus coupling unit. Using extension modules, it is possible to implement up to 16 switching functions. Prefabricated cables ensure easy and speedy connection of the extension modules. The KNX IP-Switch allows you to install typical hall/room situations cost-effectively, with only one bus coupling unit. Both, main and extension modules, can accommodate single or double rocker switches. The rockers are designed as pushbuttons with neutral position so that they can provide different switching functions, such as ON/OFF, dimmer, or louvre blinds control.

Extension Made Easy

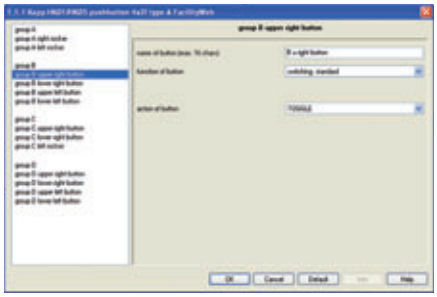
Up to three extension modules, connected by prefabricated cables, open out the functional range of the KNX IP-Switch main module. As many as 16 switching functions can thus be implemented without great expense, using just one bus coupling unit.



Look into the IP-Switch



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.

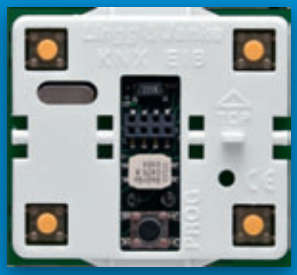


Easy Parameter Definition

In the ETS application software, you always go through the same steps when setting the module parameters, be it the main 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 value setting function.

Our Range of Switches

The range of KNX IP-Switches presented by Lingg & Janke comprises a main module and an extension module, each offering 4 pushbutton switches. Each module can be configured to provide rocker switch actions or single-key pushbutton 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 single or double rocker unit. KNX IP-Switches are compatible with the Kopp Design HK05 switch range and can thus be freely combined with these devices.

FacilityWeb®

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.

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 coupling unit (150 mW)
- Bus coupling units 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 coupling unit 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 the KNX bus via a network coupler to a web page 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 operational information or meter readings of the devices from any location via Intranet/ Internet. Moreover, energy savings can easily be made during daily operations. 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:

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