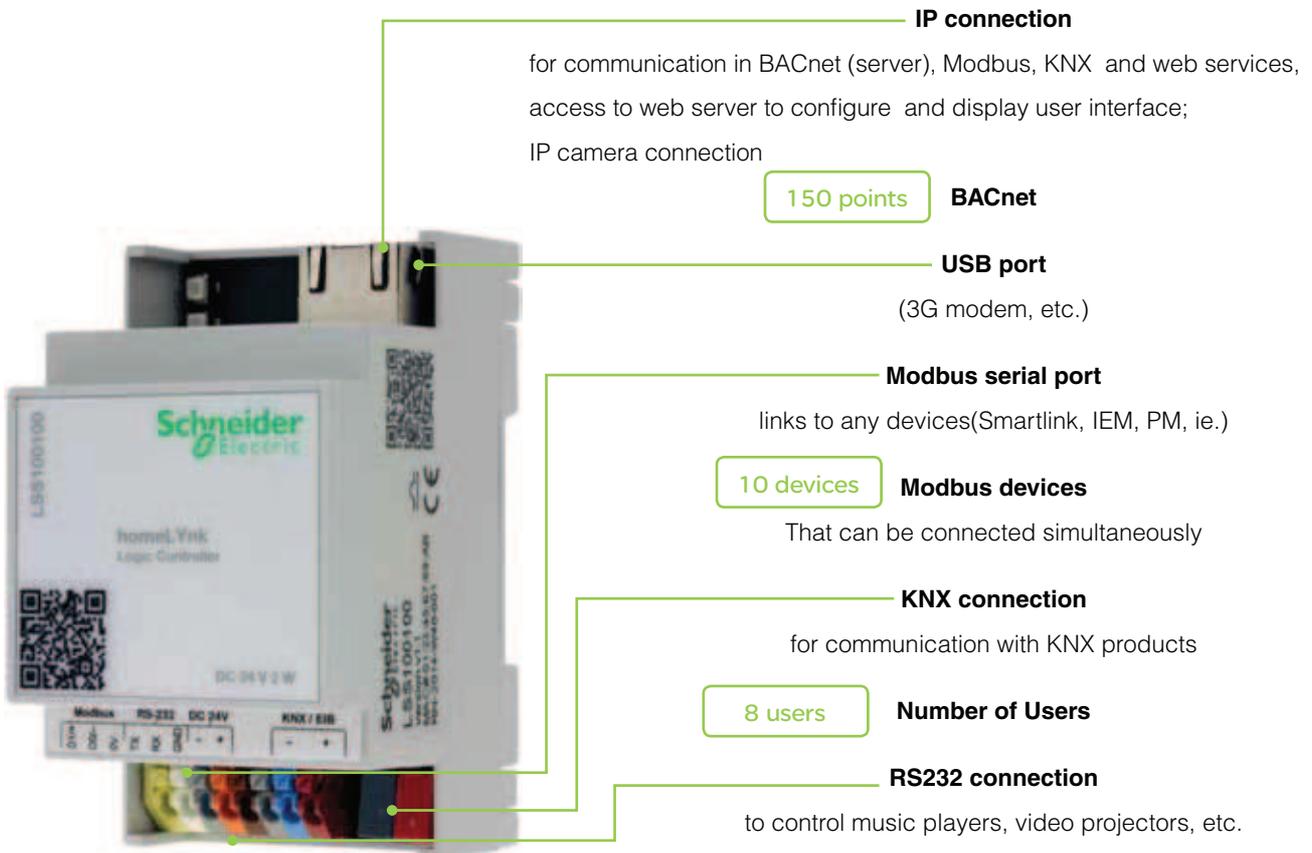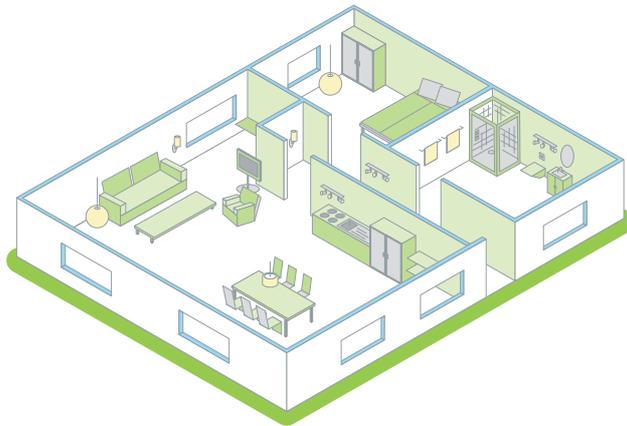# homeLYnk
Home automation

homeLYnk is the perfect choice for houses, collective homes and flats. With 150 BACnet points it is perfectly suitable for an integration in a large building management system of the complete residential building.

homeLYnk connects KNX systems and Modbus meters, which conveniently allows control of building functions like lights, shutters and heating and enables energy monitoring with record data on a daily, monthly and yearly basis. homeLYnk enables to create advanced logic functions in order to optimize energy efficiency and comfort at home.

homeLYnk
is perfectly set for residential buildings

IP connection

for communication in BACnet (server), Modbus, KNX and web services, access to web server to configure and display user interface; IP camera connection

| 150 points | **BACnet** |

USB port

(3G modem, etc.)

Modbus serial port

links to any devices(Smartlink, IEM, PM, ie.)

| 10 devices | **Modbus devices** |

That can be connected simultaneously

KNX connection

for communication with KNX products

| 8 users | **Number of Users** |

RS232 connection

to control music players, video projectors, etc.

Schneider Electric

homeLYnk

homeLYnk

BACnet ASHRAE

Modbus

☑

Solutions are tested and validated according to Schneider Electric process

homeLYnk

Version	Art. no.
	LSS100100

Logic Controller
homeLYnk is the easiest way to visualise and control a complete Home Automation Solution in a KNX and Modbus networks.

homeLYnk can be used in several ways:
- As an user interface to display and control relevant informations on mobile devices
- As a gateway to translate and enable communication between different products
- As an aggregator to stock, analyze, and send the data (.csv file for example)
- As an event controler that sends email in case of issues

Applications:
- Logical functions
- WEB SCADA visualization for PC and touch-devices
- Cross-standard gateway between KNX and Modbus RTU/TCP
- BACnet Server (150 points)
- Integration with third party devices over RS-232 (IR, AV)
- Scheduling
- Camera streaming
- Data logger with trends
- Pre-made Modbus templates
- Easy bloc programming
- Up to 8 users with different login and password
- BACnet certified "BACnet Application Specific Controller (B-ASC)"
- New icons

Supply voltage: 24 V DC
Power consumption: 2 W
LED indicator 1: Green LED (CPU load)
LED indicator 2: Green LED (Operation) or Red LED (Reset)
Interface: 1x KNX, 1x10BaseT/100BaseTX, 1x RS-485 (incl. Polarization resistors 47 kΩ, no termination),1x RS-232, 1x USB2.0, 1x Reset push button
Terminal:
KNX bus: Bus connecting terminal 2 x 0.8 mm
Power supply: Clamp, 0.5 mm²–1.5 mm²
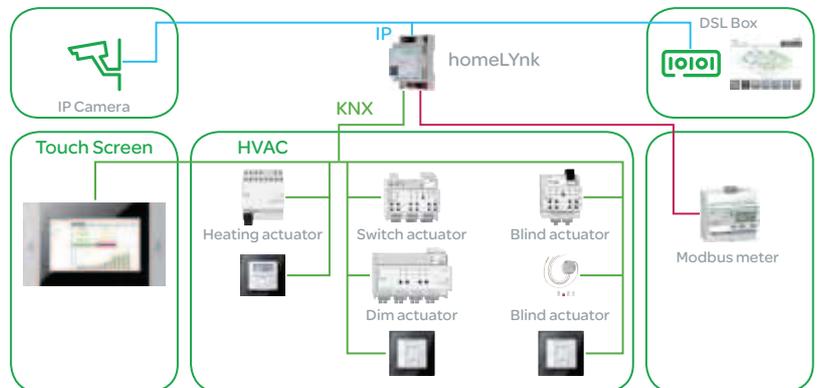**Serial:** Clamp, 0.5 mm²–1.5 mm²
Operation: -5°C to +45°C
Environment: Can be used at elevations up to 2000 m above sea level (MSL)
Max. humidity: 93 %, no condensation
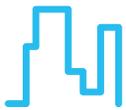**Dimension:** 90 x 52 x 58 mm (HxWxD)
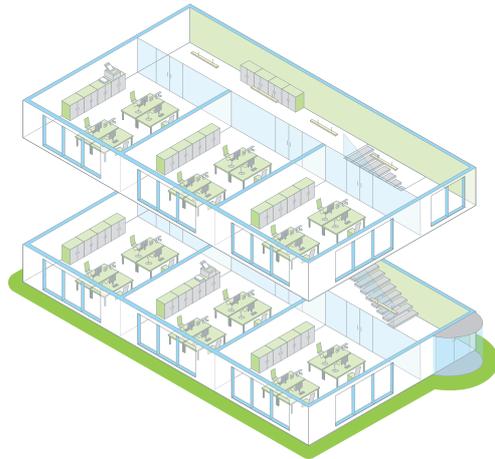**Device width:** 3 modules = approx. 54 mm

In buildings spaceLYnk provides the ideal solution. Thanks to 500 BACnet points spaceLYnk can easily be integrated into complete building management systems.

spaceLYnk allows efficient facility management thanks to the convenient web-based user interface with mainte nace information like lamp statuses and easy scheduling of all building functions. The webbased interface is accessible from every-where, enabling remote maintenance.

spaceLYnk
is perfectly set for commercial buildings

IP connection

for communication in BACnet (server), Modbus, KNX and web services,

access to web server to configure and display user interface;

IP camera connection

BACnet   500 points

USB port

(3G modem, etc.)

Modbus serial port

links to any devices(Smartlink, IEM, PM, ie.)

Modbus devices   31 devices

That can be connected simultaneously

KNX connection

for communication with KNX products

Number of Users   50 users

RS232 connection

to control music players, video projectors, etc.

IP/TP KNX filtering   Available

Quick IP/TP KNX filtering on object tab

spaceLYnk

BACnet™

Modbus

Solutions are tested and validated according to Schneider Electric process

spaceLYnk	
Version	Art. no.
	LSS100200

Logic Controller

spaceLYnk is the easiest way to build a complete Building Automation Solutions for commercial segments :

■ Complete Building Automation solution for Small and Medium building with a complete architecture including Light and Room Control (KNX, DALI Control), Metering (Modbus offer, Smartlink RTU and IP), and boiler management (SSL)
■ Complete Building Automation solution for Large Building with a complete architecture managed by SBO (BMS from Schneider Electric) and including Light and Room Control (KNX, DALI Control) and Metering (Modbus offer, Smartlink RTU and IP)

spaceLYnk can be used in several ways:

■ As a gateway to translate and enable communication between different products
■ As an aggregator to stock, analyze, and send the data (.csv file for example)
■ As an user interface to display relevant informations on mobile devices
■ As an event controler that sends email in case of issues

Applications:

■ Logical functions
■ WEB SCADA visualization for PC and touch-devices
■ Cross-standard gateway between KNX and Modbus RTU/TCP
■ BACnet Server (500 points)
■ Integration with third party devices over RS-232 (IR, AV)
■ Scheduling
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