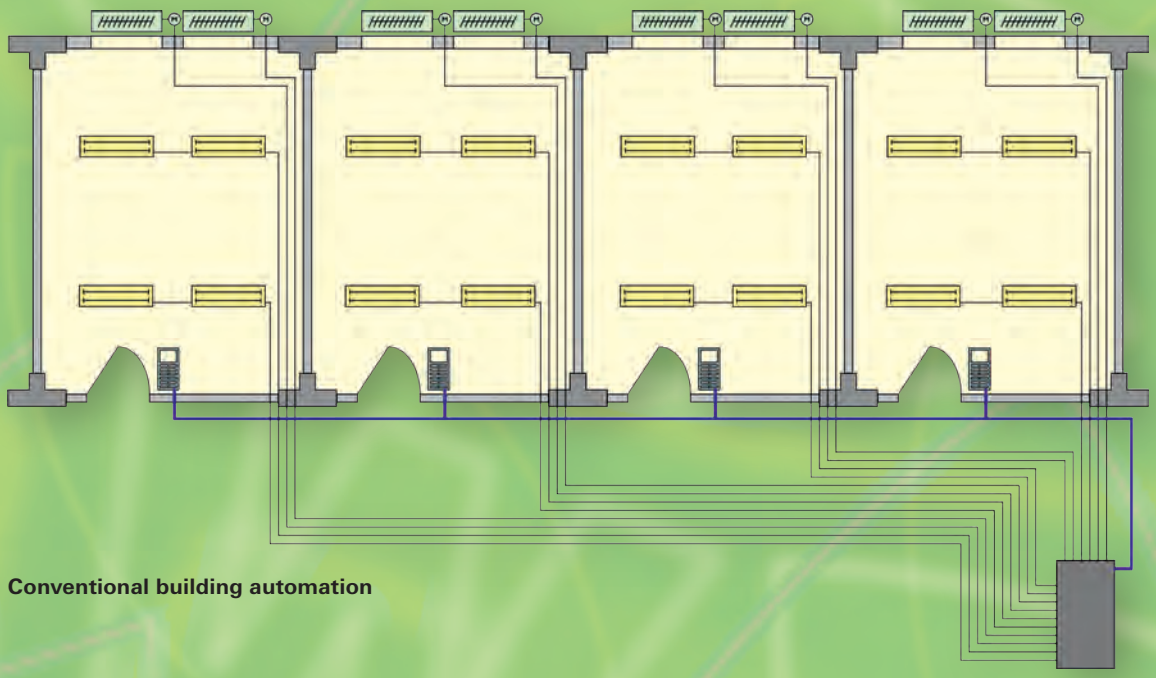
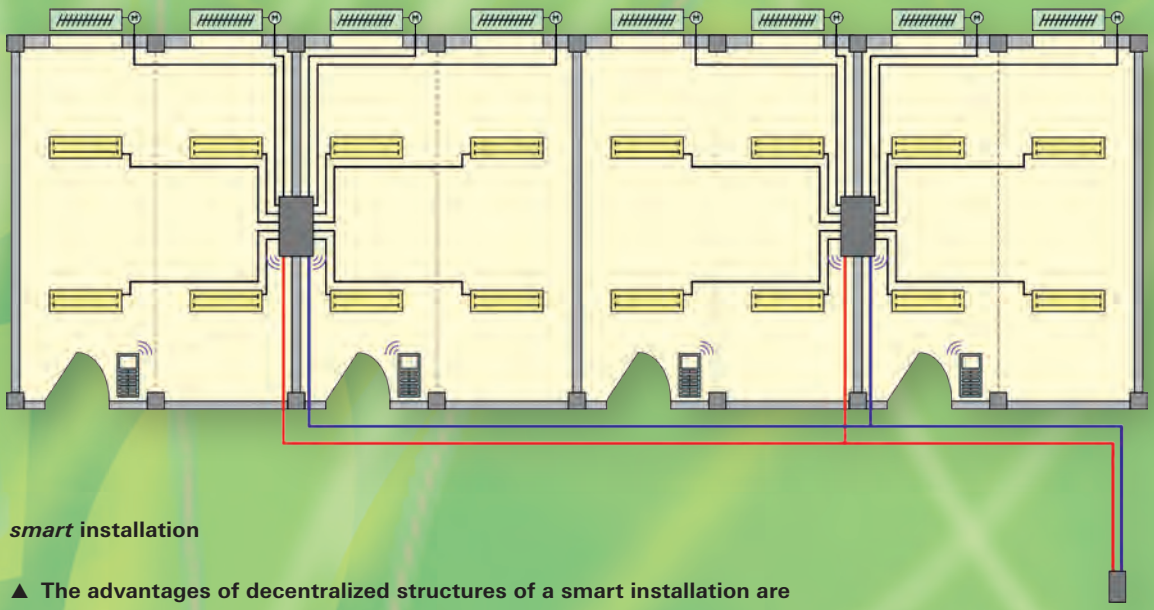


Conventional building automation



smart **installation**

▲ **The advantages of decentralized structures of a smart installation are evident and further increase the space efficiency of a building.**

gesis® FLEX

the flat, modular KNX system for room automation

gesis® EIB V

flat, pluggable KNX actuators for limited space

gesis® RM

the modular, project-specific system for KNX, LON, and radio

gesis® ELECTRONIC – pluggable energy efficiency
Advantages of distributed building automation

Modern automation systems reduce the primary energy consumption of a building.
smart installation concepts additionally implement the basic idea of a bus-based system by placing the components close to the consumers.

In combination with pluggability this leads to a flexible system whose functionality can be adapted quickly and easily to a change of use throughout the lifecycle of a building.

Consistent implementation can also improve the space efficiency of a building due to smaller utility rooms.

Advantages of distribution:

- smaller sub-distribution/utility rooms
- considerably reduced wiring expenses
- reduced demand for copper
- safety (in part fully functional during a bus failure)
- adaptable to change of use
- structured cabling

Advantages of pluggability:

- less prone to errors
- safe installation
- industrially pre-assembled quality
- flexible
- reusable
- faster installation
- structured cabling

Conclusion:

Reduced energy consumption and costs in construction phase and lifecycle of a building.

gesis® EIB M2
the modular, pluggable KNX system for maximum flexibility on-site

gesis® RC
radio technology without batteries for wireless sensors

Installation column
Room installation and automation in one system