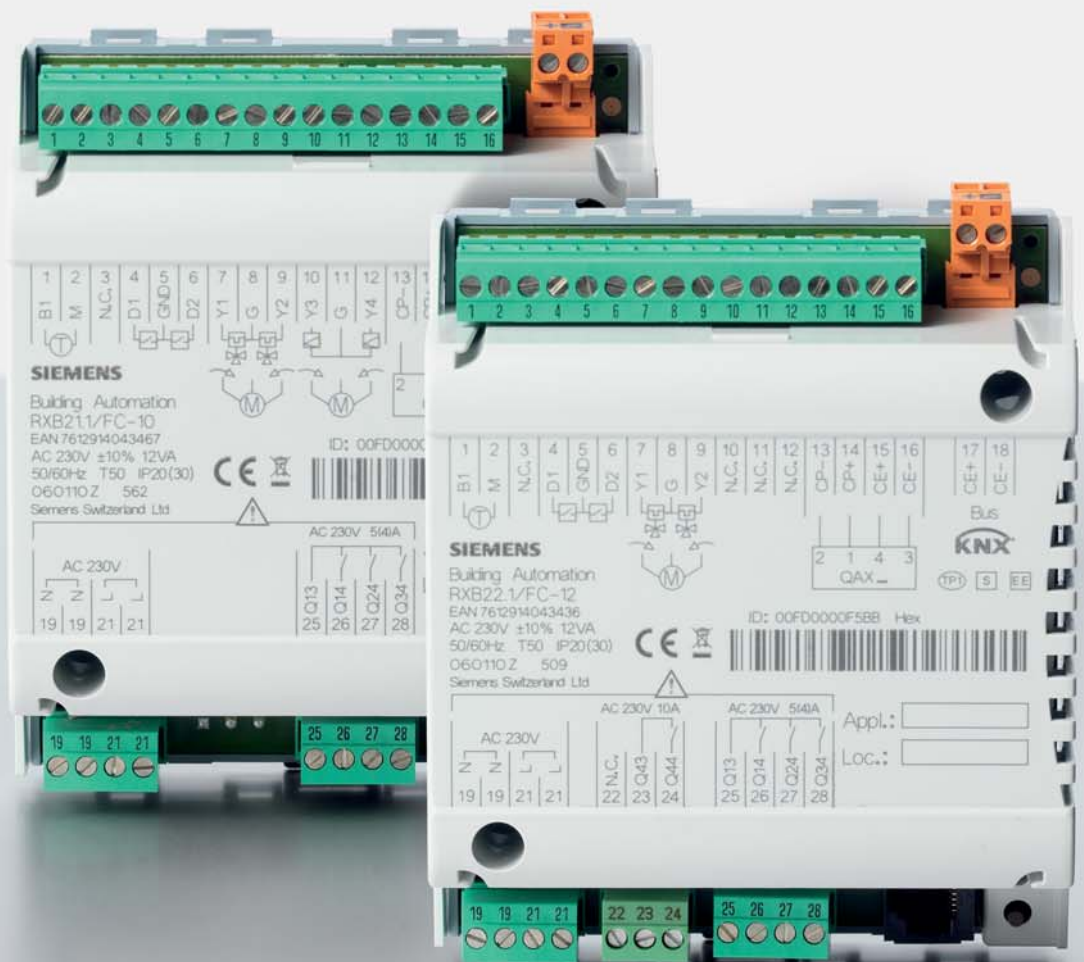




# RXB – convenient individual room control based on KNX



Answers for infrastructure.

**SIEMENS**

# Efficiency thanks to excellent energy usage

RXB room controllers from Siemens ensure demand-related individual room comfort in public buildings, office buildings, schools or hotels. Thanks to economical individual room control, the comfort level can be controlled in accordance with personal needs. The RXB room controllers can be integrated into existing or new systems from Siemens, such as DESIGO™ or Synco™, or third-party systems. These advanced products are compatible far into the future.

## ■ High level of flexibility thanks to open KNX communication

Using standardized KNX communication, the RXB room controllers can be



straightforwardly integrated into a number of building automation and control systems. In connection with other types of plant, such as lighting or blind control, they offer a high level of flexibility thanks to integrated room control.

## ■ Efficient individual room control for DESIGO or Synco building automation and control systems

The RXB room controllers can be integrated into building automation and control systems, such as DESIGO or Synco. Central functions like time programs, collection of heating/cooling demand, alarm reporting, trending, central control of setpoints, etc., are provided by selected devices – by PX-KNX in the case of DESIGO and by RMB795 in the case of Synco. Integrated into these advanced systems are long-term economy and a high level of flexibility, which also give consideration to future plant extensions.

Energy consumption is minimized by making use of local functions, such as presence-dependent setpoints, or window contacts for monitoring the windows.

## ■ Complete range of room operating units

For direct operation and monitoring setpoints plus actual values in individual rooms, an extensive range of room operating units are available. They reach from simple room temperature sensors to versatile room units featuring fan control and display. Wireless units round off the offering. Also available are operating units for mounting on recessed conduit boxes in connection with standard switches from various suppliers.

## ■ Straightforward and time-saving mounting, planning and commissioning

Plug-in type screw terminals are provided for all electrical connections. They simplify not only installation, but also service work. When using the KNX/EIB software tool ETS3 Professional, planning and commissioning the RXB room controllers is child's play. Apart from the ETS3 tool, commissioning and parameterization can also be performed with the ACS Synco tool and the QAX34.3 room unit from Siemens.

## ■ Energy savings of up to 14%

Intelligent algorithms in the RXB controllers together with the room operating units warrant very accurate room temperature control, thus ensuring enhanced comfort.

The eu.bac certificate delivers proof of the excellent control performance provided by the RXB controllers (e.g. CA value for fan coils = 0.1 K). Hence, energy savings of up to 14% can be achieved.



QAX standard room operating units

## Highlights

- High level of flexibility thanks to open KNX communication
- Efficient individual room control for DESIGO or Synco building automation and control systems
- Guaranteed long-term economy thanks to modular design for future plant extensions
- Complete range of room operating units
- Straightforward and time-saving mounting, planning and commissioning
- Energy savings of up to 14% – certified by eu.bac

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The information in this document contains general descriptions of technical options available, which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

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