



# RXL – convenient individual room control



Answers for infrastructure.

**SIEMENS**

# Efficiency thanks to excellent energy usage

With the RXL room controllers from Siemens, the desired room temperature can be straightforwardly reached at the right time while ensuring individual and optimum comfort – be it in public buildings, office buildings, schools or hotels. The RXL room controllers can be integrated into existing or new systems from Siemens, such as DESIGO™ or Synco™. These advanced products are compatible far into the future.

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

Bus capability of the RXL room controllers enables them to 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.

## ■ User-friendly when it comes to commissioning and service

The RXL room controllers are set up and parameterized via the ACS Synco tool or the QAX34.3 room operating unit directly on the controller. No network connection is required for setting the parameters with the room operating unit. The QAX34.3 also facilitates testing of the connected peripheral devices (e.g. wiring, acting direction, etc.).

## ■ Energy savings of up to 14%

Intelligent algorithms in the RXL 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 RXL 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

- Communicating individual room control for DESIGO and Synco building automation and control systems
- Guaranteed long-term economy thanks to modular design for future plant extensions
- Complete range of room operating units
- Ease of commissioning and service
- 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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